

## Genetische trends van koeien in Vlaanderen

Datum: 09-08-2018

Algemene toelichting op de genetische trends van koeien:

Er worden alleen gemiddelde fokwaarden getoond als het aantal waarnemingen per jaar meer dan 10 is.

Het rasaandeel per getoond ras is minimaal 7/8, behalve voor FHF en MRH. Bij deze kruisingen geldt:

FHF: minimaal 2/8 HF of FH, 2e ras is resp. FH of HF (zwartbont)

MRH: minimaal 2/8 MRY of HF, 2e ras is resp. HF of MRY (roodbont)

Basis = Melkdoel zwart, Melkdoel rood, Dubbeldoel of Belgisch witblauw

Toelichting op gebruikte afkortingen:

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kgM = Kg melk  
kgV = Kg vet  
kgE = Kg eiwit  
kgL = Kg lactose  
%V = %vet  
%E = %eiwit  
%L = %lactose  
INET = INET  
H = Hoogtemaat  
VH = Voorhand  
IH = Inhoud  
OH = Openheid  
CS = Conditie  
KL = Kruisligging  
KB = Kruisbreedte  
BA = Beenstand achter  
BZ = Beenstand zij  
KH = Klauwhoek  
BG = Beengebruik  
VA = Vooruieraanhechting  
VP = Voorspeenplaatsing  
SL = Speenlengte  
UD = Uierdiepte  
AH = Achteruierhoogte  
OB = Ophangband  
AP = Achterspeenplaatsing  
F = Frame  
T = Type  
U = Uier  
B = Beenwerk  
Bs = Bepiering  
Ext = Totaal exterieur  
NR56 = Non Return  
IAI = Interval afkalven-1e inseminatie  
IEL = Interval eerste-laatste inseminatie  
TKT = Tussenkalftijd  
DP\_ko = Drachtpercentage-koe  
DP\_pi = Drachtpercentage-pink  
LEI = Leeftijd 1e inseminatie-pink  
Vru = Vruchtbaarheidsindex  
MS = Melksnelheid  
Kar = Karakter  
SCC = Celgetal  
SKM = Subklinische mastitis  
KM = Klinische mastitis  
NVI = NVI  
Lvd = Levensduur  
Ugh = Uiergezondheidsindex  
Kgh = Klauwgezondheidsindex

Bv = Bevangenheid  
 Mo = Mortellaro  
 Sp = Stinkpoot  
 Zz = Zoolzweer  
 Ty = Tyloom  
 Wld = Wittelij n defect  
 LVg = Index Levensvatbaarheid  
 LVa = Index Maternale Levensvatbaarheid  
 LVg1 = Directe levensvatbaarheid vaarzen  
 LVa1 = Maternale levensvatbaarheid vaarzen  
 LVg2 = Directe levensvatbaarheid koeien  
 LVa2 = Maternale levensvatbaarheid koeien  
 Geb = Direct geboorteverloop  
 DDt = Directe draagtijd  
 DGw = Direct geboortegewicht  
 Afk = Maternaal afkalfgemak  
 MDt = Maternale draagtijd  
 MGw = Maternaal geboortegewicht  
 Gin = Geboorteindex  
 Be\_ko = Beveleedheid koe  
 Ve\_ko = Vetbedekking koe  
 Gw\_ko = Gewicht koe  
 Be\_ka = Beveleedheid kalf  
 Ve\_ka = Vetbedekking kalf  
 Gr\_ka = Groei kalf  
 Vlkl = Vleeskleur kalf  
 Be\_st = Beveleedheid stier  
 Ve\_st = Vetbedekking stier  
 Gr\_st = Groei stier  
 Vlin = Vleesindex  
 KaVi1 = Kalvervitaliteit gedurende opfok  
 KaVi2 = Kalvervitaliteit gedurende opfok dag 3-14  
 KaVi3 = Kalvervitaliteit mestkalveren  
 LPin = Levensproductie index  
 LPkgM = Levensproductie kg melk  
 LPkgV = Levensproductie kg vet  
 LPkgE = Levensproductie kg eiwit  
 Eff = AMS Efficiency  
 Int = AMS Interval  
 Gewen = AMS Gewenning  
 Pers = Persistentie  
 RTM = Laatrijphheid  
 DSopn = Kg droge stof opname  
 Gew = Lichaamsgewicht

Rassen met meer dan 10 waarnemingen per jaar - Vlaanderen

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Zwartbont Holstein  
 Red-Holstein  
 Holstein - Fries Hollands zwartbont  
 Fries Hollands - zwartbont  
 Maas Rijn IJssel  
 MRIJ - Holstein Friesian roodbont  
 Jersey  
 Witblauw Mixte  
 Rood Dubbeldoel  
 Witrood  
 Witblauw  
 Fleck Vieh  
 Brown Swiss  
 Roodbont  
 Montbéliard  
 Normande  
 KRB

## Inhoudsopgave (Vlaanderen)

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|        |    |   |  |
|--------|----|---|--|
| Tabel: | 1  | Zwartbont Holstein, basis Z:                  | Melkproductiekenmerken                   |
| Tabel: | 2  | Zwartbont Holstein, basis Z:                  | Exterieurkenmerken bouw                  |
| Tabel: | 3  | Zwartbont Holstein, basis Z:                  | Exterieurkenmerken beenwerk              |
| Tabel: | 4  | Zwartbont Holstein, basis Z:                  | Exterieurkenmerken uier                  |
| Tabel: | 5  | Zwartbont Holstein, basis Z:                  | Exterieurkenmerken bovenbalk             |
| Tabel: | 6  | Zwartbont Holstein, basis Z:                  | Vruchtbaarheidskenmerken                 |
| Tabel: | 7  | Zwartbont Holstein, basis Z:                  | Gebruikskenmerken                        |
| Tabel: | 8  | Zwartbont Holstein, basis Z:                  | NVI met onderliggende kenmerken          |
| Tabel: | 9  | Zwartbont Holstein, basis Z:                  | Klauwgezondheidskenmerken                |
| Tabel: | 10 | Zwartbont Holstein, basis Z:                  | Levensvatbaarheidskenmerken              |
| Tabel: | 11 | Zwartbont Holstein, basis Z:                  | Geboortekenmerken                        |
| Tabel: | 12 | Zwartbont Holstein, basis Z:                  | Vleeskenmerken                           |
| Tabel: | 13 | Zwartbont Holstein, basis Z:                  | Kalvervitaliteit                         |
| Tabel: | 14 | Zwartbont Holstein, basis Z:                  | Levensproductiekenmerken                 |
| Tabel: | 15 | Zwartbont Holstein, basis Z:                  | Robot / AMS kenmerken                    |
| Tabel: | 16 | Zwartbont Holstein, basis Z:                  | Overige productie en efficiency kenm.    |
| Tabel: | 17 | Red-Holstein, basis R:                        | Melkproductiekenmerken                   |
| Tabel: | 18 | Red-Holstein, basis R:                        | Exterieurkenmerken bouw                  |
| Tabel: | 19 | Red-Holstein, basis R:                        | Exterieurkenmerken beenwerk              |
| Tabel: | 20 | Red-Holstein, basis R:                        | Exterieurkenmerken uier                  |
| Tabel: | 21 | Red-Holstein, basis R:                        | Exterieurkenmerken bovenbalk             |
| Tabel: | 22 | Red-Holstein, basis R:                        | Vruchtbaarheidskenmerken                 |
| Tabel: | 23 | Red-Holstein, basis R:                        | Gebruikskenmerken                        |
| Tabel: | 24 | Red-Holstein, basis R:                        | NVI met onderliggende kenmerken          |
| Tabel: | 25 | Red-Holstein, basis R:                        | Klauwgezondheidskenmerken                |
| Tabel: | 26 | Red-Holstein, basis R:                        | Levensvatbaarheidskenmerken              |
| Tabel: | 27 | Red-Holstein, basis R:                        | Geboortekenmerken                        |
| Tabel: | 28 | Red-Holstein, basis R:                        | Vleeskenmerken                           |
| Tabel: | 29 | Red-Holstein, basis R:                        | Kalvervitaliteit                         |
| Tabel: | 30 | Red-Holstein, basis R:                        | Levensproductiekenmerken                 |
| Tabel: | 31 | Red-Holstein, basis R:                        | Robot / AMS kenmerken                    |
| Tabel: | 32 | Red-Holstein, basis R:                        | Overige productie en efficiency kenm.    |
| Tabel: | 33 | Holstein - Fries Hollands zwartbont, basis Z: | Melkproductiekenmerken                   |
| Tabel: | 34 | Holstein - Fries Hollands zwartbont, basis Z: | Exterieurkenmerken bouw                  |
| Tabel: | 35 | Holstein - Fries Hollands zwartbont, basis Z: | Exterieurkenmerken<br>beenwerk           |
| Tabel: | 36 | Holstein - Fries Hollands zwartbont, basis Z: | Exterieurkenmerken uier                  |
| Tabel: | 37 | Holstein - Fries Hollands zwartbont, basis Z: | Exterieurkenmerken<br>bovenbalk          |
| Tabel: | 38 | Holstein - Fries Hollands zwartbont, basis Z: | Vruchtbaarheidskenmerken                 |
| Tabel: | 39 | Holstein - Fries Hollands zwartbont, basis Z: | Gebruikskenmerken                        |
| Tabel: | 40 | Holstein - Fries Hollands zwartbont, basis Z: | NVI met onderliggende<br>kenmerken       |
| Tabel: | 41 | Holstein - Fries Hollands zwartbont, basis Z: | Klauwgezondheidskenmerken                |
| Tabel: | 42 | Holstein - Fries Hollands zwartbont, basis Z: | Levensvatbaarheidskenmerken              |
| Tabel: | 43 | Holstein - Fries Hollands zwartbont, basis Z: | Geboortekenmerken                        |
| Tabel: | 44 | Holstein - Fries Hollands zwartbont, basis Z: | Vleeskenmerken                           |
| Tabel: | 45 | Holstein - Fries Hollands zwartbont, basis Z: | Kalvervitaliteit                         |
| Tabel: | 46 | Holstein - Fries Hollands zwartbont, basis Z: | Levensproductiekenmerken                 |
| Tabel: | 47 | Holstein - Fries Hollands zwartbont, basis Z: | Robot / AMS kenmerken                    |
| Tabel: | 48 | Holstein - Fries Hollands zwartbont, basis Z: | Overige productie en<br>efficiency kenm. |
| Tabel: | 49 | Holstein - Fries Hollands zwartbont, basis Y: | Melkproductiekenmerken                   |
| Tabel: | 50 | Holstein - Fries Hollands zwartbont, basis Y: | Exterieurkenmerken bouw                  |
| Tabel: | 51 | Holstein - Fries Hollands zwartbont, basis Y: | Exterieurkenmerken<br>beenwerk           |
| Tabel: | 52 | Holstein - Fries Hollands zwartbont, basis Y: | Exterieurkenmerken uier                  |
| Tabel: | 53 | Holstein - Fries Hollands zwartbont, basis Y: | Exterieurkenmerken<br>bovenbalk          |
| Tabel: | 54 | Holstein - Fries Hollands zwartbont, basis Y: | Vruchtbaarheidskenmerken                 |

Tabel: 55 Holstein - Fries Hollands zwartbont, basis Y: Gebruikskkenmerken

Tabel: 56 Holstein - Fries Hollands zwartbont, basis Y: NVI met onderliggende kenmerken

Tabel: 57 Holstein - Fries Hollands zwartbont, basis Y: Levensvatbaarheidskenmerken

Tabel: 58 Holstein - Fries Hollands zwartbont, basis Y: Geboortekenmerken

Tabel: 59 Holstein - Fries Hollands zwartbont, basis Y: Vleeskenmerken

Tabel: 60 Holstein - Fries Hollands zwartbont, basis Y: Kalvervitaliteit

Tabel: 61 Holstein - Fries Hollands zwartbont, basis Y: Overige productie en efficiency kenm.

Tabel: 62 Fries Hollands - zwartbont, basis Y: Melkproductiekenmerken

Tabel: 63 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bouw

Tabel: 64 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken beenwerk

Tabel: 65 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken uier

Tabel: 66 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bovenbalk

Tabel: 67 Fries Hollands - zwartbont, basis Y: Vruchtbaarheidskenmerken

Tabel: 68 Fries Hollands - zwartbont, basis Y: Gebruikskkenmerken

Tabel: 69 Fries Hollands - zwartbont, basis Y: NVI met onderliggende kenmerken

Tabel: 70 Fries Hollands - zwartbont, basis Y: Levensvatbaarheidskenmerken

Tabel: 71 Fries Hollands - zwartbont, basis Y: Geboortekenmerken

Tabel: 72 Fries Hollands - zwartbont, basis Y: Vleeskenmerken

Tabel: 73 Fries Hollands - zwartbont, basis Y: Kalvervitaliteit

Tabel: 74 Fries Hollands - zwartbont, basis Y: Levensproductiekenmerken

Tabel: 75 Fries Hollands - zwartbont, basis Y: Overige productie en efficiency kenm.

Tabel: 76 Maas Rijn IJssel, basis Y: Melkproductiekenmerken

Tabel: 77 Maas Rijn IJssel, basis Y: Exterieurkenmerken bouw

Tabel: 78 Maas Rijn IJssel, basis Y: Exterieurkenmerken beenwerk

Tabel: 79 Maas Rijn IJssel, basis Y: Exterieurkenmerken uier

Tabel: 80 Maas Rijn IJssel, basis Y: Exterieurkenmerken bovenbalk

Tabel: 81 Maas Rijn IJssel, basis Y: Vruchtbaarheidskenmerken

Tabel: 82 Maas Rijn IJssel, basis Y: Gebruikskkenmerken

Tabel: 83 Maas Rijn IJssel, basis Y: NVI met onderliggende kenmerken

Tabel: 84 Maas Rijn IJssel, basis Y: Klauwgezondheidskenmerken

Tabel: 85 Maas Rijn IJssel, basis Y: Levensvatbaarheidskenmerken

Tabel: 86 Maas Rijn IJssel, basis Y: Geboortekenmerken

Tabel: 87 Maas Rijn IJssel, basis Y: Vleeskenmerken

Tabel: 88 Maas Rijn IJssel, basis Y: Kalvervitaliteit

Tabel: 89 Maas Rijn IJssel, basis Y: Levensproductiekenmerken

Tabel: 90 Maas Rijn IJssel, basis Y: Robot / AMS kenmerken

Tabel: 91 Maas Rijn IJssel, basis Y: Overige productie en efficiency kenm.

Tabel: 92 MRIJ - Holstein Friesian roodbont, basis R: Melkproductiekenmerken

Tabel: 93 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bouw

Tabel: 94 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken beenwerk

Tabel: 95 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken uier

Tabel: 96 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bovenbalk

Tabel: 97 MRIJ - Holstein Friesian roodbont, basis R: Vruchtbaarheidskenmerken

Tabel: 98 MRIJ - Holstein Friesian roodbont, basis R: Gebruikskkenmerken

Tabel: 99 MRIJ - Holstein Friesian roodbont, basis R: NVI met onderliggende kenmerken

Tabel: 100 MRIJ - Holstein Friesian roodbont, basis R: Klauwgezondheidskenmerken

Tabel: 101 MRIJ - Holstein Friesian roodbont, basis R: Levensvatbaarheidskenmerken

Tabel: 102 MRIJ - Holstein Friesian roodbont, basis R: Geboortekenmerken

Tabel: 103 MRIJ - Holstein Friesian roodbont, basis R: Vleeskenmerken

Tabel: 104 MRIJ - Holstein Friesian roodbont, basis R: Kalvervitaliteit

Tabel: 105 MRIJ - Holstein Friesian roodbont, basis R: Levensproductiekenmerken

Tabel: 106 MRIJ - Holstein Friesian roodbont, basis R: Robot / AMS kenmerken

Tabel: 107 MRIJ - Holstein Friesian roodbont, basis R: Overige productie en efficiency kenm.

Tabel: 108 MRIJ - Holstein Friesian roodbont, basis Y: Melkproductiekenmerken

Tabel: 109 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bouw

Tabel: 110 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken beenwerk

Tabel: 111 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken uier

Tabel: 112 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bovenbalk

Tabel: 113 MRIJ - Holstein Friesian roodbont, basis Y: Vruchtbaarheidskenmerken  
Tabel: 114 MRIJ - Holstein Friesian roodbont, basis Y: Gebruikskkenmerken  
Tabel: 115 MRIJ - Holstein Friesian roodbont, basis Y: NVI met onderliggende kenmerken  
Tabel: 116 MRIJ - Holstein Friesian roodbont, basis Y: Klauwgezondheidskenmerken  
Tabel: 117 MRIJ - Holstein Friesian roodbont, basis Y: Levensvatbaarheidskenmerken  
Tabel: 118 MRIJ - Holstein Friesian roodbont, basis Y: Geboortekenmerken  
Tabel: 119 MRIJ - Holstein Friesian roodbont, basis Y: Vleeskenmerken  
Tabel: 120 MRIJ - Holstein Friesian roodbont, basis Y: Kalvervitaliteit  
Tabel: 121 MRIJ - Holstein Friesian roodbont, basis Y: Levensproductiekenmerken  
Tabel: 122 MRIJ - Holstein Friesian roodbont, basis Y: Robot / AMS kenmerken  
Tabel: 123 MRIJ - Holstein Friesian roodbont, basis Y: Overige productie en efficiency kenm.  
Tabel: 124 Jersey, basis R: Melkproductiekenmerken  
Tabel: 125 Jersey, basis R: Exterieurkenmerken bouw  
Tabel: 126 Jersey, basis R: Exterieurkenmerken beenwerk  
Tabel: 127 Jersey, basis R: Exterieurkenmerken uier  
Tabel: 128 Jersey, basis R: Exterieurkenmerken bovenbalk  
Tabel: 129 Jersey, basis R: Vruchtbaarheidskenmerken  
Tabel: 130 Jersey, basis R: Gebruikskkenmerken  
Tabel: 131 Jersey, basis R: NVI met onderliggende kenmerken  
Tabel: 132 Jersey, basis R: Levensvatbaarheidskenmerken  
Tabel: 133 Jersey, basis R: Geboortekenmerken  
Tabel: 134 Jersey, basis R: Vleeskenmerken  
Tabel: 135 Jersey, basis R: Kalvervitaliteit  
Tabel: 136 Jersey, basis R: Levensproductiekenmerken  
Tabel: 137 Jersey, basis R: Robot / AMS kenmerken  
Tabel: 138 Jersey, basis R: Overige productie en efficiency kenm.  
Tabel: 139 Witblauw Mixte, basis Y: Melkproductiekenmerken  
Tabel: 140 Witblauw Mixte, basis Y: Vruchtbaarheidskenmerken  
Tabel: 141 Witblauw Mixte, basis Y: NVI met onderliggende kenmerken  
Tabel: 142 Witblauw Mixte, basis Y: Geboortekenmerken  
Tabel: 143 Witblauw Mixte, basis Y: Vleeskenmerken  
Tabel: 144 Witblauw Mixte, basis Y: Levensproductiekenmerken  
Tabel: 145 Witblauw Mixte, basis Y: Robot / AMS kenmerken  
Tabel: 146 Witblauw Mixte, basis Y: Overige productie en efficiency kenm.  
Tabel: 147 Rood Dubbeldoel, basis Y: Melkproductiekenmerken  
Tabel: 148 Rood Dubbeldoel, basis Y: Exterieurkenmerken bouw  
Tabel: 149 Rood Dubbeldoel, basis Y: Exterieurkenmerken beenwerk  
Tabel: 150 Rood Dubbeldoel, basis Y: Exterieurkenmerken uier  
Tabel: 151 Rood Dubbeldoel, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 152 Rood Dubbeldoel, basis Y: Vruchtbaarheidskenmerken  
Tabel: 153 Rood Dubbeldoel, basis Y: Gebruikskkenmerken  
Tabel: 154 Rood Dubbeldoel, basis Y: NVI met onderliggende kenmerken  
Tabel: 155 Rood Dubbeldoel, basis Y: Geboortekenmerken  
Tabel: 156 Rood Dubbeldoel, basis Y: Vleeskenmerken  
Tabel: 157 Rood Dubbeldoel, basis Y: Levensproductiekenmerken  
Tabel: 158 Rood Dubbeldoel, basis Y: Overige productie en efficiency kenm.  
Tabel: 159 Witrood, basis Y: Melkproductiekenmerken  
Tabel: 160 Witrood, basis Y: Exterieurkenmerken bouw  
Tabel: 161 Witrood, basis Y: Exterieurkenmerken beenwerk  
Tabel: 162 Witrood, basis Y: Exterieurkenmerken uier  
Tabel: 163 Witrood, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 164 Witrood, basis Y: Vruchtbaarheidskenmerken  
Tabel: 165 Witrood, basis Y: Gebruikskkenmerken  
Tabel: 166 Witrood, basis Y: NVI met onderliggende kenmerken  
Tabel: 167 Witrood, basis Y: Geboortekenmerken  
Tabel: 168 Witrood, basis Y: Vleeskenmerken  
Tabel: 169 Witrood, basis Y: Levensproductiekenmerken  
Tabel: 170 Witrood, basis Y: Overige productie en efficiency kenm.  
Tabel: 171 Witblauw, basis B: Melkproductiekenmerken  
Tabel: 172 Witblauw, basis B: Exterieurkenmerken bouw  
Tabel: 173 Witblauw, basis B: Exterieurkenmerken beenwerk  
Tabel: 174 Witblauw, basis B: Exterieurkenmerken uier

Tabel: 175 Witblauw, basis B: Exterieurkenmerken bovenbalk  
Tabel: 176 Witblauw, basis B: Vruchtbaarheidskenmerken  
Tabel: 177 Witblauw, basis B: NVI met onderliggende kenmerken  
Tabel: 178 Witblauw, basis B: Levensvatbaarheidskenmerken  
Tabel: 179 Witblauw, basis B: Geboortekenmerken  
Tabel: 180 Witblauw, basis B: Vleeskenmerken  
Tabel: 181 Witblauw, basis B: Overige productie en efficiency kenm.  
Tabel: 182 Fleck Vieh, basis Y: Melkproductiekenmerken  
Tabel: 183 Fleck Vieh, basis Y: Exterieurkenmerken bouw  
Tabel: 184 Fleck Vieh, basis Y: Exterieurkenmerken beenwerk  
Tabel: 185 Fleck Vieh, basis Y: Exterieurkenmerken uier  
Tabel: 186 Fleck Vieh, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 187 Fleck Vieh, basis Y: Vruchtbaarheidskenmerken  
Tabel: 188 Fleck Vieh, basis Y: Gebruikskenmerken  
Tabel: 189 Fleck Vieh, basis Y: NVI met onderliggende kenmerken  
Tabel: 190 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken  
Tabel: 191 Fleck Vieh, basis Y: Geboortekenmerken  
Tabel: 192 Fleck Vieh, basis Y: Vleeskenmerken  
Tabel: 193 Fleck Vieh, basis Y: Kalvervitaliteit  
Tabel: 194 Fleck Vieh, basis Y: Levensproductiekenmerken  
Tabel: 195 Fleck Vieh, basis Y: Robot / AMS kenmerken  
Tabel: 196 Fleck Vieh, basis Y: Overige productie en efficiency kenm.  
Tabel: 197 Brown Swiss, basis R: Melkproductiekenmerken  
Tabel: 198 Brown Swiss, basis R: Exterieurkenmerken bouw  
Tabel: 199 Brown Swiss, basis R: Exterieurkenmerken beenwerk  
Tabel: 200 Brown Swiss, basis R: Exterieurkenmerken uier  
Tabel: 201 Brown Swiss, basis R: Exterieurkenmerken bovenbalk  
Tabel: 202 Brown Swiss, basis R: Vruchtbaarheidskenmerken  
Tabel: 203 Brown Swiss, basis R: Gebruikskenmerken  
Tabel: 204 Brown Swiss, basis R: NVI met onderliggende kenmerken  
Tabel: 205 Brown Swiss, basis R: Levensvatbaarheidskenmerken  
Tabel: 206 Brown Swiss, basis R: Geboortekenmerken  
Tabel: 207 Brown Swiss, basis R: Vleeskenmerken  
Tabel: 208 Brown Swiss, basis R: Kalvervitaliteit  
Tabel: 209 Brown Swiss, basis R: Levensproductiekenmerken  
Tabel: 210 Brown Swiss, basis R: Robot / AMS kenmerken  
Tabel: 211 Brown Swiss, basis R: Overige productie en efficiency kenm.  
Tabel: 212 Roodbont, basis Y: Melkproductiekenmerken  
Tabel: 213 Roodbont, basis Y: Exterieurkenmerken bouw  
Tabel: 214 Roodbont, basis Y: Exterieurkenmerken beenwerk  
Tabel: 215 Roodbont, basis Y: Exterieurkenmerken uier  
Tabel: 216 Roodbont, basis Y: Exterieurkenmerken bovenbalk  
Tabel: 217 Roodbont, basis Y: Vruchtbaarheidskenmerken  
Tabel: 218 Roodbont, basis Y: Gebruikskenmerken  
Tabel: 219 Roodbont, basis Y: NVI met onderliggende kenmerken  
Tabel: 220 Roodbont, basis Y: Levensvatbaarheidskenmerken  
Tabel: 221 Roodbont, basis Y: Geboortekenmerken  
Tabel: 222 Roodbont, basis Y: Vleeskenmerken  
Tabel: 223 Roodbont, basis Y: Overige productie en efficiency kenm.  
Tabel: 224 Montbéliard, basis R: Melkproductiekenmerken  
Tabel: 225 Montbéliard, basis R: Exterieurkenmerken bouw  
Tabel: 226 Montbéliard, basis R: Exterieurkenmerken beenwerk  
Tabel: 227 Montbéliard, basis R: Exterieurkenmerken uier  
Tabel: 228 Montbéliard, basis R: Exterieurkenmerken bovenbalk  
Tabel: 229 Montbéliard, basis R: Vruchtbaarheidskenmerken  
Tabel: 230 Montbéliard, basis R: Gebruikskenmerken  
Tabel: 231 Montbéliard, basis R: NVI met onderliggende kenmerken  
Tabel: 232 Montbéliard, basis R: Levensvatbaarheidskenmerken  
Tabel: 233 Montbéliard, basis R: Geboortekenmerken  
Tabel: 234 Montbéliard, basis R: Vleeskenmerken  
Tabel: 235 Montbéliard, basis R: Kalvervitaliteit  
Tabel: 236 Montbéliard, basis R: Levensproductiekenmerken  
Tabel: 237 Montbéliard, basis R: Robot / AMS kenmerken  
Tabel: 238 Montbéliard, basis R: Overige productie en efficiency kenm.

Tabel: 239 Normande, basis R: Melkproductiekenmerken  
Tabel: 240 Normande, basis R: Vruchtbaarheidskenmerken  
Tabel: 241 Normande, basis R: NVI met onderliggende kenmerken  
Tabel: 242 Normande, basis R: Levensproductiekenmerken  
Tabel: 243 Normande, basis R: Overige productie en efficiency kenm.  
Tabel: 244 KRB, basis Y: Melkproductiekenmerken  
Tabel: 245 KRB, basis Y: Vruchtbaarheidskenmerken  
Tabel: 246 KRB, basis Y: NVI met onderliggende kenmerken  
Tabel: 247 KRB, basis Y: Geboortekenmerken  
Tabel: 248 KRB, basis Y: Overige productie en efficiency kenm.

#### Genetische trend van koeien in Vlaanderen

Tabel: 1 Zwartbont Holstein: Melkproductiekenmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL    | %V    | %E   | %L   | INET   |
|------|--------|---------|-------|-------|--------|-------|------|------|--------|
| 1980 | 425    | -2679.4 | -91.6 | -89.8 | -122.2 | 38.1  | 6.9  | 0.3  | -593.4 |
| 1981 | 603    | -2655.1 | -90.9 | -88.6 | -121.3 | 37.3  | 7.4  | -0.3 | -589.9 |
| 1982 | 717    | -2542.3 | -85.8 | -86.0 | -115.8 | 37.7  | 5.4  | 0.3  | -567.3 |
| 1983 | 966    | -2508.9 | -83.5 | -85.3 | -114.2 | 38.5  | 4.3  | 0.5  | -558.6 |
| 1984 | 1084   | -2427.5 | -77.9 | -82.9 | -110.6 | 41.5  | 3.7  | 0.2  | -535.6 |
| 1985 | 1512   | -2390.4 | -76.0 | -81.4 | -108.9 | 42.0  | 4.1  | 0.4  | -525.7 |
| 1986 | 2397   | -2171.6 | -67.8 | -75.2 | -99.1  | 39.2  | 1.8  | 0.1  | -480.7 |
| 1987 | 3523   | -2200.0 | -67.1 | -75.0 | -100.1 | 41.8  | 3.6  | 0.4  | -478.2 |
| 1988 | 4973   | -2046.0 | -61.7 | -69.9 | -93.1  | 39.3  | 3.1  | 0.4  | -443.8 |
| 1989 | 6432   | -1947.7 | -58.4 | -67.7 | -88.5  | 37.3  | 1.2  | 0.4  | -426.7 |
| 1990 | 7920   | -1773.2 | -52.9 | -62.6 | -80.5  | 34.0  | -0.2 | 0.5  | -391.8 |
| 1991 | 9747   | -1657.2 | -50.6 | -59.4 | -75.3  | 29.8  | -1.4 | 0.4  | -372.5 |
| 1992 | 11501  | -1510.9 | -48.5 | -55.2 | -68.6  | 23.4  | -2.7 | 0.4  | -348.4 |
| 1993 | 12767  | -1398.2 | -46.0 | -52.1 | -63.4  | 19.7  | -3.8 | 0.5  | -329.0 |
| 1994 | 14857  | -1268.5 | -43.2 | -48.4 | -57.5  | 15.7  | -4.8 | 0.5  | -306.4 |
| 1995 | 16702  | -1150.5 | -39.3 | -44.1 | -52.1  | 13.9  | -4.6 | 0.5  | -279.0 |
| 1996 | 17589  | -1000.8 | -35.1 | -39.4 | -45.3  | 10.8  | -5.2 | 0.5  | -248.7 |
| 1997 | 18934  | -917.1  | -32.0 | -36.6 | -41.5  | 10.1  | -5.3 | 0.4  | -229.8 |
| 1998 | 19981  | -802.4  | -29.5 | -32.9 | -36.3  | 7.0   | -5.6 | 0.4  | -207.6 |
| 1999 | 20184  | -732.8  | -27.5 | -30.8 | -33.1  | 5.7   | -5.9 | 0.4  | -193.9 |
| 2000 | 20953  | -592.0  | -25.7 | -26.7 | -26.8  | 0.7   | -6.8 | 0.3  | -171.2 |
| 2001 | 21540  | -511.3  | -24.7 | -24.4 | -23.2  | -2.4  | -7.4 | 0.2  | -158.6 |
| 2002 | 22198  | -416.4  | -22.4 | -21.5 | -19.0  | -4.5  | -7.8 | 0.0  | -140.8 |
| 2003 | 22421  | -367.4  | -20.0 | -20.2 | -17.4  | -4.1  | -8.3 | -0.7 | -130.0 |
| 2004 | 22779  | -289.4  | -17.3 | -16.5 | -13.5  | -4.8  | -7.1 | -0.3 | -107.8 |
| 2005 | 21962  | -217.7  | -15.1 | -14.0 | -10.5  | -5.9  | -7.0 | -0.6 | -91.9  |
| 2006 | 22787  | -120.0  | -13.2 | -10.4 | -5.3   | -8.4  | -6.6 | 0.2  | -71.1  |
| 2007 | 21863  | -46.2   | -11.7 | -7.6  | -1.8   | -10.2 | -6.3 | 0.4  | -55.4  |
| 2008 | 23296  | 1.9     | -10.4 | -5.7  | 0.8    | -11.0 | -6.1 | 0.8  | -44.2  |
| 2009 | 22192  | 61.8    | -7.4  | -3.4  | 3.5    | -10.4 | -5.8 | 0.8  | -28.0  |
| 2010 | 21443  | 111.6   | -4.4  | -1.1  | 5.9    | -9.4  | -5.1 | 1.0  | -11.1  |
| 2011 | 21281  | 181.3   | -1.3  | 1.7   | 9.9    | -9.1  | -4.6 | 1.9  | 8.0    |
| 2012 | 21700  | 217.7   | 0.9   | 3.9   | 11.7   | -8.4  | -3.6 | 1.9  | 22.0   |
| 2013 | 22109  | 289.0   | 4.7   | 6.4   | 15.2   | -7.5  | -3.5 | 2.2  | 40.8   |
| 2014 | 22984  | 401.5   | 9.5   | 9.9   | 20.4   | -7.3  | -4.0 | 2.3  | 66.6   |
| 2015 | 22623  | 490.7   | 13.8  | 12.7  | 24.9   | -6.8  | -4.3 | 2.7  | 88.4   |
| 2016 | 6377   | 532.4   | 17.0  | 14.8  | 26.7   | -5.4  | -3.6 | 2.6  | 104.3  |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 2 Zwartbont Holstein: Exterieurkenmerken bouw  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | H     | VH    | IH    | OH    | CS    | KL    | KB    |
|------|--------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 103    | 85.7  | 96.2  | 89.1  | 87.8  | 100.3 | 96.2  | 95.0  |
| 1981 | 179    | 86.7  | 96.2  | 90.1  | 89.1  | 99.7  | 96.7  | 95.4  |
| 1982 | 245    | 87.1  | 96.0  | 90.6  | 89.7  | 99.0  | 95.6  | 96.1  |
| 1983 | 312    | 86.9  | 96.4  | 90.4  | 89.3  | 100.5 | 95.7  | 95.8  |
| 1984 | 399    | 87.6  | 96.7  | 91.0  | 90.0  | 101.3 | 95.8  | 95.8  |
| 1985 | 621    | 88.2  | 96.9  | 91.3  | 90.4  | 101.8 | 96.4  | 95.8  |
| 1986 | 983    | 89.4  | 96.9  | 92.1  | 91.4  | 101.6 | 96.2  | 96.4  |
| 1987 | 1336   | 89.5  | 97.1  | 92.9  | 91.9  | 101.3 | 95.8  | 96.5  |
| 1988 | 2128   | 89.9  | 97.0  | 93.2  | 92.3  | 101.2 | 96.0  | 96.9  |
| 1989 | 3408   | 90.6  | 97.1  | 93.8  | 92.9  | 101.0 | 95.8  | 97.0  |
| 1990 | 4297   | 91.3  | 96.9  | 94.2  | 93.5  | 100.7 | 96.4  | 97.1  |
| 1991 | 5458   | 91.8  | 97.0  | 94.5  | 93.9  | 100.5 | 96.7  | 97.3  |
| 1992 | 6670   | 92.6  | 97.4  | 95.1  | 94.5  | 100.4 | 96.8  | 97.6  |
| 1993 | 7279   | 93.1  | 97.7  | 95.6  | 95.0  | 100.3 | 96.8  | 97.6  |
| 1994 | 8608   | 93.6  | 97.7  | 95.9  | 95.4  | 100.0 | 96.9  | 97.7  |
| 1995 | 9760   | 94.0  | 97.8  | 96.3  | 95.8  | 99.9  | 97.2  | 97.7  |
| 1996 | 10709  | 94.4  | 97.9  | 96.7  | 96.4  | 99.5  | 97.3  | 97.4  |
| 1997 | 11318  | 95.0  | 97.9  | 96.9  | 96.6  | 99.6  | 97.6  | 97.7  |
| 1998 | 12396  | 95.6  | 98.2  | 97.5  | 97.0  | 99.4  | 97.8  | 97.9  |
| 1999 | 12349  | 95.9  | 98.4  | 97.8  | 97.5  | 99.5  | 98.0  | 98.1  |
| 2000 | 12698  | 96.5  | 98.6  | 98.2  | 98.0  | 99.2  | 98.5  | 98.7  |
| 2001 | 13078  | 97.0  | 98.4  | 98.4  | 98.3  | 98.9  | 98.3  | 98.9  |
| 2002 | 13333  | 97.5  | 98.5  | 98.7  | 98.6  | 98.6  | 98.5  | 99.0  |
| 2003 | 13394  | 98.0  | 98.8  | 99.3  | 99.3  | 98.5  | 98.5  | 99.6  |
| 2004 | 13294  | 98.3  | 98.9  | 99.3  | 99.3  | 98.7  | 98.9  | 99.3  |
| 2005 | 12389  | 98.9  | 99.2  | 99.7  | 99.8  | 98.8  | 99.3  | 99.4  |
| 2006 | 12785  | 99.5  | 99.5  | 100.1 | 100.0 | 99.1  | 99.6  | 99.8  |
| 2007 | 11869  | 100.0 | 99.8  | 100.4 | 100.2 | 99.2  | 99.7  | 100.2 |
| 2008 | 12180  | 100.3 | 100.0 | 100.5 | 100.4 | 99.3  | 99.9  | 100.6 |
| 2009 | 12119  | 100.5 | 99.9  | 100.5 | 100.5 | 99.5  | 99.9  | 100.6 |
| 2010 | 12519  | 100.8 | 100.1 | 100.7 | 100.7 | 99.6  | 99.9  | 100.7 |
| 2011 | 12500  | 101.5 | 100.8 | 101.0 | 101.1 | 100.3 | 99.7  | 100.9 |
| 2012 | 12727  | 102.3 | 100.8 | 101.4 | 101.6 | 100.4 | 99.7  | 100.9 |
| 2013 | 12939  | 102.8 | 100.7 | 101.5 | 102.1 | 100.2 | 99.8  | 100.9 |
| 2014 | 12955  | 103.2 | 100.9 | 101.7 | 102.6 | 100.3 | 100.2 | 101.0 |
| 2015 | 12083  | 103.5 | 101.0 | 101.8 | 102.8 | 100.5 | 100.1 | 101.1 |
| 2016 | 1998   | 103.6 | 101.1 | 102.0 | 103.2 | 100.5 | 100.0 | 101.0 |

Tabel: 3 Zwartbont Holstein: Exterieurkenmerken beenwerk  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | BA   | BZ    | KH   | BG   |
|------|--------|------|-------|------|------|
| 1980 | 103    | 92.7 | 97.9  | 90.7 | 89.4 |
| 1981 | 179    | 93.0 | 98.2  | 91.1 | 90.0 |
| 1982 | 245    | 93.4 | 98.2  | 91.2 | 90.9 |
| 1983 | 312    | 93.5 | 98.7  | 91.2 | 90.5 |
| 1984 | 399    | 93.8 | 99.2  | 92.3 | 90.9 |
| 1985 | 621    | 94.0 | 100.0 | 93.2 | 91.3 |
| 1986 | 983    | 94.9 | 100.2 | 93.9 | 92.0 |
| 1987 | 1336   | 94.6 | 100.7 | 93.5 | 91.6 |
| 1988 | 2128   | 95.2 | 101.1 | 94.0 | 92.2 |
| 1989 | 3408   | 95.6 | 101.4 | 94.2 | 92.8 |
| 1990 | 4297   | 95.7 | 101.5 | 94.4 | 93.0 |
| 1991 | 5458   | 96.1 | 101.6 | 94.7 | 93.6 |
| 1992 | 6670   | 95.9 | 101.7 | 94.8 | 93.7 |
| 1993 | 7279   | 96.1 | 101.8 | 95.1 | 93.8 |
| 1994 | 8608   | 96.4 | 101.7 | 95.3 | 94.3 |



|      |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|
| 1995 | 9760  | 96.5  | 101.8 | 95.6  | 94.9  |
| 1996 | 10709 | 96.7  | 102.2 | 95.4  | 95.2  |
| 1997 | 11318 | 97.2  | 101.9 | 95.7  | 95.7  |
| 1998 | 12396 | 97.4  | 101.8 | 96.2  | 96.0  |
| 1999 | 12349 | 97.6  | 102.0 | 96.3  | 96.3  |
| 2000 | 12698 | 97.7  | 101.7 | 96.6  | 96.5  |
| 2001 | 13078 | 97.9  | 101.7 | 96.8  | 96.8  |
| 2002 | 13333 | 97.8  | 101.7 | 96.7  | 96.9  |
| 2003 | 13394 | 98.3  | 102.1 | 96.5  | 97.3  |
| 2004 | 13294 | 98.6  | 101.4 | 97.6  | 97.7  |
| 2005 | 12389 | 99.3  | 101.4 | 98.1  | 98.4  |
| 2006 | 12785 | 99.3  | 101.0 | 98.7  | 98.7  |
| 2007 | 11869 | 99.6  | 100.5 | 99.0  | 99.0  |
| 2008 | 12180 | 99.8  | 100.1 | 99.6  | 99.2  |
| 2009 | 12119 | 99.9  | 100.1 | 99.8  | 99.6  |
| 2010 | 12519 | 100.1 | 100.0 | 100.0 | 99.7  |
| 2011 | 12500 | 100.0 | 99.8  | 100.2 | 99.7  |
| 2012 | 12727 | 100.3 | 99.6  | 100.3 | 100.2 |
| 2013 | 12939 | 100.7 | 99.7  | 100.4 | 100.6 |
| 2014 | 12955 | 101.6 | 99.6  | 100.6 | 101.4 |
| 2015 | 12083 | 102.2 | 99.4  | 100.8 | 102.0 |
| 2016 | 1998  | 102.9 | 99.3  | 101.2 | 102.7 |

Tabel: 4 Zwartbont Holstein: Exterieurkenmerken uier  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | VA    | VP    | SL    | UD    | AH    | OB    | AP    |
|------|--------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 103    | 90.2  | 88.8  | 99.0  | 92.2  | 84.4  | 89.2  | 87.8  |
| 1981 | 179    | 90.1  | 88.8  | 99.5  | 92.2  | 85.3  | 89.5  | 88.3  |
| 1982 | 245    | 91.2  | 90.6  | 99.2  | 93.3  | 85.9  | 91.1  | 89.7  |
| 1983 | 312    | 92.0  | 90.2  | 99.4  | 93.8  | 86.5  | 90.7  | 89.5  |
| 1984 | 399    | 92.8  | 90.9  | 99.5  | 94.3  | 87.2  | 91.2  | 90.2  |
| 1985 | 621    | 93.0  | 91.2  | 99.3  | 94.5  | 87.7  | 91.7  | 90.8  |
| 1986 | 983    | 93.3  | 91.8  | 99.3  | 94.9  | 88.6  | 92.4  | 91.6  |
| 1987 | 1336   | 92.9  | 91.5  | 99.7  | 94.4  | 89.0  | 92.6  | 91.4  |
| 1988 | 2128   | 93.4  | 92.0  | 99.6  | 94.6  | 90.0  | 93.3  | 92.2  |
| 1989 | 3408   | 93.6  | 92.3  | 99.5  | 94.8  | 90.4  | 93.5  | 92.5  |
| 1990 | 4297   | 93.9  | 92.7  | 99.6  | 95.0  | 91.0  | 94.1  | 93.2  |
| 1991 | 5458   | 94.1  | 93.2  | 99.8  | 95.3  | 91.5  | 94.8  | 93.8  |
| 1992 | 6670   | 94.5  | 93.7  | 100.1 | 95.5  | 92.3  | 95.0  | 94.1  |
| 1993 | 7279   | 94.4  | 93.9  | 100.2 | 95.5  | 92.9  | 95.5  | 94.5  |
| 1994 | 8608   | 94.7  | 94.3  | 100.4 | 95.7  | 93.5  | 96.0  | 95.3  |
| 1995 | 9760   | 95.1  | 94.8  | 100.6 | 96.0  | 94.2  | 96.3  | 95.7  |
| 1996 | 10709  | 95.4  | 95.0  | 100.6 | 96.0  | 94.3  | 96.4  | 95.8  |
| 1997 | 11318  | 96.0  | 95.3  | 100.5 | 96.4  | 94.9  | 96.8  | 96.2  |
| 1998 | 12396  | 96.2  | 95.6  | 100.5 | 96.4  | 95.2  | 97.1  | 96.7  |
| 1999 | 12349  | 96.5  | 96.3  | 100.3 | 96.6  | 95.8  | 97.4  | 97.2  |
| 2000 | 12698  | 96.6  | 97.2  | 100.2 | 96.8  | 96.0  | 98.2  | 98.1  |
| 2001 | 13078  | 97.0  | 97.5  | 100.5 | 97.3  | 96.6  | 98.8  | 98.5  |
| 2002 | 13333  | 97.1  | 98.0  | 100.7 | 97.6  | 97.0  | 99.0  | 98.7  |
| 2003 | 13394  | 97.7  | 98.2  | 100.4 | 97.9  | 97.5  | 99.1  | 98.9  |
| 2004 | 13294  | 98.1  | 98.3  | 100.8 | 98.1  | 98.2  | 99.3  | 99.1  |
| 2005 | 12389  | 98.6  | 98.8  | 100.6 | 98.4  | 98.8  | 99.7  | 99.7  |
| 2006 | 12785  | 98.9  | 99.2  | 100.7 | 98.9  | 99.0  | 99.9  | 100.0 |
| 2007 | 11869  | 99.3  | 99.7  | 100.6 | 99.2  | 99.5  | 100.1 | 100.2 |
| 2008 | 12180  | 99.7  | 100.1 | 100.5 | 99.7  | 100.1 | 100.6 | 100.5 |
| 2009 | 12119  | 100.0 | 99.9  | 100.3 | 100.1 | 100.3 | 100.6 | 100.3 |
| 2010 | 12519  | 100.4 | 100.5 | 99.9  | 100.6 | 100.6 | 100.8 | 100.6 |
| 2011 | 12500  | 101.0 | 101.1 | 99.6  | 101.2 | 100.8 | 100.8 | 100.6 |
| 2012 | 12727  | 101.8 | 101.4 | 99.5  | 102.2 | 101.6 | 101.0 | 100.8 |

|      |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2013 | 12939 | 102.2 | 101.5 | 99.8  | 102.7 | 102.2 | 101.1 | 100.9 |
| 2014 | 12955 | 102.5 | 101.8 | 100.0 | 103.1 | 103.1 | 101.5 | 101.2 |
| 2015 | 12083 | 103.0 | 102.4 | 100.1 | 103.6 | 103.9 | 102.0 | 101.6 |
| 2016 | 1998  | 103.5 | 102.8 | 100.1 | 103.9 | 104.2 | 102.1 | 101.7 |

Tabel: 5 Zwartbont Holstein: Exterieurkenmerken bovenbalk  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | F     | T     | U     | B     | Bs  | Ext   |
|------|--------|-------|-------|-------|-------|-----|-------|
| 1980 | 103    | 90.4  | 89.2  | 85.8  | 87.6  | 0.0 | 81.4  |
| 1981 | 179    | 91.2  | 89.9  | 86.1  | 88.2  | 0.0 | 82.2  |
| 1982 | 245    | 91.1  | 90.1  | 87.7  | 89.1  | 0.0 | 83.5  |
| 1983 | 312    | 91.1  | 90.8  | 88.3  | 89.0  | 0.0 | 83.9  |
| 1984 | 399    | 91.5  | 92.0  | 89.2  | 89.6  | 0.0 | 85.0  |
| 1985 | 621    | 91.9  | 92.6  | 89.7  | 90.3  | 0.0 | 85.8  |
| 1986 | 983    | 92.4  | 93.5  | 90.4  | 91.2  | 0.0 | 87.0  |
| 1987 | 1336   | 92.6  | 94.1  | 90.4  | 90.8  | 0.0 | 86.9  |
| 1988 | 2128   | 92.9  | 94.4  | 91.1  | 91.6  | 0.0 | 87.9  |
| 1989 | 3408   | 93.2  | 94.8  | 91.5  | 92.1  | 0.0 | 88.5  |
| 1990 | 4297   | 93.6  | 95.1  | 92.0  | 92.3  | 0.0 | 89.0  |
| 1991 | 5458   | 94.0  | 95.4  | 92.4  | 92.9  | 0.0 | 89.8  |
| 1992 | 6670   | 94.5  | 96.0  | 93.0  | 93.0  | 0.0 | 90.3  |
| 1993 | 7279   | 94.8  | 96.4  | 93.2  | 93.2  | 0.0 | 90.7  |
| 1994 | 8608   | 95.0  | 96.5  | 93.6  | 93.7  | 0.0 | 91.3  |
| 1995 | 9760   | 95.3  | 96.8  | 94.1  | 94.1  | 0.0 | 91.9  |
| 1996 | 10709  | 95.4  | 96.9  | 94.3  | 94.5  | 0.0 | 92.2  |
| 1997 | 11318  | 95.8  | 97.2  | 94.9  | 94.9  | 0.0 | 92.9  |
| 1998 | 12396  | 96.3  | 97.6  | 95.1  | 95.3  | 0.0 | 93.5  |
| 1999 | 12349  | 96.6  | 98.0  | 95.5  | 95.6  | 0.0 | 94.0  |
| 2000 | 12698  | 97.4  | 98.4  | 95.8  | 95.8  | 0.0 | 94.5  |
| 2001 | 13078  | 97.4  | 98.4  | 96.4  | 96.2  | 0.0 | 95.0  |
| 2002 | 13333  | 97.7  | 98.4  | 96.8  | 96.3  | 0.0 | 95.4  |
| 2003 | 13394  | 98.3  | 98.9  | 97.3  | 96.6  | 0.0 | 96.1  |
| 2004 | 13294  | 98.3  | 99.0  | 97.8  | 97.1  | 0.0 | 96.6  |
| 2005 | 12389  | 98.8  | 99.5  | 98.3  | 98.0  | 0.0 | 97.6  |
| 2006 | 12785  | 99.3  | 99.8  | 98.6  | 98.3  | 0.0 | 98.1  |
| 2007 | 11869  | 99.8  | 100.1 | 99.1  | 98.6  | 0.0 | 98.7  |
| 2008 | 12180  | 100.1 | 100.4 | 99.8  | 98.8  | 0.0 | 99.3  |
| 2009 | 12119  | 100.1 | 100.6 | 100.1 | 99.2  | 0.0 | 99.8  |
| 2010 | 12519  | 100.3 | 100.8 | 100.6 | 99.3  | 0.0 | 100.2 |
| 2011 | 12500  | 100.5 | 101.4 | 101.2 | 99.3  | 0.0 | 100.7 |
| 2012 | 12727  | 100.7 | 101.8 | 102.2 | 99.7  | 0.0 | 101.5 |
| 2013 | 12939  | 100.8 | 102.0 | 102.7 | 100.2 | 0.0 | 102.1 |
| 2014 | 12955  | 101.1 | 102.3 | 103.4 | 101.0 | 0.0 | 103.0 |
| 2015 | 12083  | 101.2 | 102.7 | 104.2 | 101.6 | 0.0 | 103.8 |
| 2016 | 1998   | 101.1 | 102.9 | 104.6 | 102.5 | 0.0 | 104.5 |

Tabel: 6 Zwartbont Holstein: Vruchtbaarheidkenmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 1430   | 105.3 | 109.4 | 112.7 | 111.4 | 105.6 | 101.7 | 87.8 | 112.6 |
| 1981 | 1646   | 106.1 | 108.6 | 112.8 | 111.1 | 106.0 | 101.9 | 88.1 | 112.4 |
| 1982 | 1762   | 106.3 | 108.0 | 112.1 | 110.4 | 106.0 | 101.5 | 88.3 | 111.7 |
| 1983 | 1842   | 105.7 | 107.8 | 111.6 | 109.9 | 105.6 | 101.7 | 88.2 | 111.1 |
| 1984 | 1854   | 105.1 | 107.2 | 110.6 | 109.0 | 105.3 | 102.0 | 89.3 | 110.1 |

|      |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1985 | 2260  | 105.2 | 106.9 | 110.3 | 108.7 | 105.1 | 102.2 | 89.3  | 109.8 |
| 1986 | 3032  | 104.2 | 106.0 | 108.9 | 107.5 | 104.3 | 101.3 | 90.4  | 108.5 |
| 1987 | 3920  | 104.1 | 105.8 | 108.6 | 107.2 | 104.0 | 101.9 | 90.7  | 108.2 |
| 1988 | 5022  | 104.1 | 104.9 | 107.8 | 106.3 | 103.8 | 102.4 | 91.0  | 107.3 |
| 1989 | 6506  | 103.8 | 104.5 | 107.0 | 105.6 | 103.3 | 102.5 | 91.7  | 106.6 |
| 1990 | 7982  | 103.7 | 104.1 | 106.6 | 105.2 | 103.2 | 102.5 | 92.5  | 106.2 |
| 1991 | 9775  | 103.4 | 103.8 | 106.2 | 104.8 | 102.9 | 102.4 | 93.1  | 105.7 |
| 1992 | 11572 | 103.0 | 103.3 | 105.6 | 104.2 | 102.6 | 102.5 | 93.7  | 105.1 |
| 1993 | 12867 | 103.0 | 102.9 | 105.2 | 103.8 | 102.4 | 102.6 | 94.3  | 104.7 |
| 1994 | 15000 | 102.8 | 102.2 | 104.5 | 103.0 | 102.0 | 102.1 | 94.5  | 103.9 |
| 1995 | 16804 | 102.5 | 101.7 | 103.8 | 102.4 | 101.6 | 102.0 | 95.3  | 103.3 |
| 1996 | 17691 | 102.0 | 101.6 | 103.4 | 102.1 | 101.4 | 101.9 | 95.8  | 102.9 |
| 1997 | 19042 | 101.8 | 101.4 | 103.1 | 101.9 | 101.3 | 101.5 | 96.2  | 102.6 |
| 1998 | 20184 | 101.2 | 101.1 | 102.3 | 101.3 | 100.7 | 101.4 | 97.1  | 101.9 |
| 1999 | 20497 | 101.2 | 100.6 | 101.9 | 100.7 | 100.4 | 101.4 | 97.1  | 101.4 |
| 2000 | 21311 | 100.5 | 100.5 | 101.2 | 100.3 | 99.8  | 100.8 | 97.7  | 100.8 |
| 2001 | 21987 | 100.4 | 100.0 | 100.8 | 99.8  | 99.5  | 100.6 | 98.1  | 100.3 |
| 2002 | 22820 | 100.5 | 99.6  | 100.6 | 99.5  | 99.5  | 100.7 | 98.7  | 100.0 |
| 2003 | 23440 | 100.6 | 99.5  | 100.6 | 99.5  | 99.6  | 100.8 | 98.9  | 100.0 |
| 2004 | 24035 | 100.2 | 99.4  | 100.0 | 99.2  | 99.2  | 100.4 | 98.9  | 99.6  |
| 2005 | 23263 | 99.8  | 99.4  | 99.5  | 98.9  | 98.8  | 100.2 | 99.1  | 99.2  |
| 2006 | 24177 | 99.4  | 99.6  | 99.2  | 98.9  | 98.6  | 99.7  | 99.3  | 99.0  |
| 2007 | 23574 | 99.3  | 99.5  | 99.0  | 98.9  | 98.6  | 99.6  | 99.6  | 98.9  |
| 2008 | 25854 | 99.5  | 99.6  | 99.3  | 99.1  | 98.9  | 99.8  | 99.9  | 99.1  |
| 2009 | 25266 | 99.7  | 99.7  | 99.5  | 99.3  | 99.3  | 100.1 | 100.2 | 99.4  |
| 2010 | 23516 | 99.8  | 99.8  | 99.5  | 99.5  | 99.5  | 100.2 | 100.4 | 99.5  |
| 2011 | 24363 | 99.8  | 100.3 | 99.7  | 100.0 | 99.9  | 100.0 | 100.5 | 99.8  |
| 2012 | 25776 | 99.8  | 100.7 | 99.8  | 100.4 | 100.3 | 100.2 | 101.0 | 100.1 |
| 2013 | 26746 | 100.0 | 100.9 | 100.0 | 100.7 | 100.6 | 100.4 | 101.5 | 100.4 |
| 2014 | 28194 | 99.9  | 101.2 | 99.9  | 101.0 | 100.9 | 100.7 | 102.1 | 100.5 |
| 2015 | 27895 | 99.8  | 101.0 | 99.6  | 100.8 | 100.8 | 100.8 | 102.3 | 100.2 |
| 2016 | 9359  | 100.0 | 100.9 | 99.9  | 100.9 | 101.2 | 100.9 | 102.6 | 100.4 |

Tabel: 7 Zwartbont Holstein: Gebruikskkenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | MS   | Kar  | SCC  | SKM   | KM    |
|------|--------|------|------|------|-------|-------|
| 1980 | 121    | 99.3 | 57.3 | 99.1 | 104.0 | 106.2 |
| 1981 | 184    | 99.0 | 54.0 | 98.8 | 103.4 | 106.0 |
| 1982 | 227    | 99.3 | 64.5 | 98.9 | 102.7 | 105.2 |
| 1983 | 331    | 99.1 | 66.0 | 98.7 | 102.9 | 105.6 |
| 1984 | 421    | 98.6 | 78.7 | 98.8 | 102.7 | 105.5 |
| 1985 | 642    | 98.8 | 77.8 | 99.2 | 103.0 | 105.6 |
| 1986 | 1077   | 98.4 | 85.6 | 98.9 | 102.7 | 105.1 |
| 1987 | 1354   | 98.8 | 88.1 | 98.5 | 102.1 | 104.7 |
| 1988 | 2179   | 98.6 | 93.5 | 98.3 | 101.8 | 104.2 |
| 1989 | 3431   | 98.8 | 95.1 | 98.1 | 101.6 | 104.0 |
| 1990 | 4292   | 98.8 | 96.3 | 98.3 | 101.6 | 103.5 |
| 1991 | 5386   | 98.9 | 96.4 | 97.9 | 101.1 | 102.9 |
| 1992 | 6641   | 99.1 | 97.1 | 97.8 | 100.9 | 102.5 |
| 1993 | 7069   | 99.1 | 97.3 | 97.8 | 100.8 | 102.4 |
| 1994 | 8562   | 99.3 | 97.8 | 97.8 | 100.5 | 101.9 |
| 1995 | 9783   | 99.1 | 98.0 | 97.8 | 100.2 | 101.7 |
| 1996 | 10705  | 99.6 | 98.1 | 97.8 | 100.3 | 101.1 |
| 1997 | 11332  | 99.5 | 98.5 | 98.0 | 100.3 | 101.0 |
| 1998 | 12299  | 99.4 | 98.5 | 98.2 | 100.3 | 100.8 |
| 1999 | 12300  | 99.3 | 98.6 | 98.1 | 100.0 | 100.6 |
| 2000 | 12692  | 99.7 | 99.1 | 98.3 | 100.1 | 100.5 |
| 2001 | 13157  | 99.5 | 99.1 | 98.4 | 100.0 | 100.4 |
| 2002 | 13446  | 99.8 | 99.2 | 98.5 | 99.9  | 100.0 |

|      |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|
| 2003 | 13482 | 99.6  | 99.1  | 98.5  | 99.8  | 100.0 |
| 2004 | 13391 | 99.6  | 99.0  | 98.6  | 99.7  | 99.9  |
| 2005 | 12480 | 99.6  | 99.5  | 98.7  | 99.5  | 99.8  |
| 2006 | 12815 | 99.9  | 99.8  | 99.2  | 99.8  | 100.0 |
| 2007 | 11845 | 100.1 | 100.2 | 99.2  | 99.7  | 99.9  |
| 2008 | 12155 | 100.1 | 100.4 | 99.5  | 99.9  | 100.1 |
| 2009 | 12050 | 100.1 | 100.4 | 99.8  | 100.0 | 100.2 |
| 2010 | 12393 | 100.4 | 100.6 | 100.1 | 100.2 | 100.2 |
| 2011 | 12376 | 100.5 | 100.7 | 101.0 | 100.9 | 100.6 |
| 2012 | 12609 | 100.5 | 100.6 | 101.5 | 101.3 | 100.8 |
| 2013 | 12737 | 100.6 | 100.8 | 102.0 | 101.7 | 101.0 |
| 2014 | 12544 | 100.2 | 101.0 | 102.9 | 102.4 | 101.4 |
| 2015 | 11849 | 99.9  | 101.3 | 103.4 | 103.0 | 101.7 |
| 2016 | 1972  | 99.7  | 101.6 | 103.8 | 103.3 | 101.9 |

Tabel: 8 Zwartbont Holstein: NVI met onderliggende kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B     | Gin   |
|------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 1980 | 401    | -190.5 | -593.4 | -208.9 | 105.9 | 112.6 | 85.8  | 87.6  | 99.0  |
| 1981 | 579    | -189.5 | -589.9 | -207.7 | 105.5 | 112.4 | 86.1  | 88.2  | 99.0  |
| 1982 | 689    | -190.4 | -567.3 | -191.7 | 104.6 | 111.7 | 87.7  | 89.1  | 99.7  |
| 1983 | 934    | -191.4 | -558.6 | -214.9 | 105.0 | 111.1 | 88.3  | 89.0  | 99.9  |
| 1984 | 1051   | -190.5 | -535.6 | -215.1 | 104.8 | 110.1 | 89.2  | 89.6  | 99.7  |
| 1985 | 1484   | -163.3 | -525.7 | -204.6 | 105.1 | 109.8 | 89.7  | 90.3  | 99.8  |
| 1986 | 2359   | -156.8 | -480.7 | -193.9 | 104.6 | 108.5 | 90.4  | 91.2  | 99.9  |
| 1987 | 3472   | -164.2 | -478.2 | -228.6 | 104.0 | 108.2 | 90.4  | 90.8  | 99.7  |
| 1988 | 4942   | -157.9 | -443.8 | -231.4 | 103.5 | 107.3 | 91.1  | 91.6  | 99.8  |
| 1989 | 6413   | -156.1 | -426.7 | -232.6 | 103.3 | 106.6 | 91.5  | 92.1  | 99.8  |
| 1990 | 7903   | -144.8 | -391.8 | -220.7 | 103.1 | 106.2 | 92.0  | 92.3  | 99.7  |
| 1991 | 9736   | -142.2 | -372.5 | -231.9 | 102.4 | 105.7 | 92.4  | 92.9  | 99.6  |
| 1992 | 11487  | -137.6 | -348.4 | -213.8 | 102.0 | 105.1 | 93.0  | 93.0  | 99.7  |
| 1993 | 12758  | -132.3 | -329.0 | -199.5 | 101.9 | 104.7 | 93.2  | 93.2  | 99.7  |
| 1994 | 14843  | -127.5 | -306.4 | -185.9 | 101.5 | 103.9 | 93.6  | 93.7  | 99.6  |
| 1995 | 16684  | -121.0 | -279.0 | -181.1 | 101.2 | 103.3 | 94.1  | 94.1  | 99.6  |
| 1996 | 17572  | -108.8 | -248.7 | -146.7 | 100.9 | 102.9 | 94.3  | 94.5  | 99.5  |
| 1997 | 18921  | -102.0 | -229.8 | -138.0 | 100.8 | 102.6 | 94.9  | 94.9  | 99.5  |
| 1998 | 19972  | -99.0  | -207.6 | -135.6 | 100.7 | 101.9 | 95.1  | 95.3  | 99.2  |
| 1999 | 20178  | -98.4  | -193.9 | -140.4 | 100.4 | 101.4 | 95.5  | 95.6  | 99.0  |
| 2000 | 20943  | -92.6  | -171.2 | -128.7 | 100.4 | 100.8 | 95.8  | 95.8  | 98.9  |
| 2001 | 21524  | -88.1  | -158.6 | -112.1 | 100.3 | 100.3 | 96.4  | 96.2  | 99.0  |
| 2002 | 22183  | -83.1  | -140.8 | -102.5 | 100.0 | 100.0 | 96.8  | 96.3  | 99.1  |
| 2003 | 22407  | -77.1  | -130.0 | -97.5  | 99.9  | 100.0 | 97.3  | 96.6  | 99.1  |
| 2004 | 22763  | -68.3  | -107.8 | -82.4  | 99.8  | 99.6  | 97.8  | 97.1  | 99.3  |
| 2005 | 21954  | -63.0  | -91.9  | -85.3  | 99.6  | 99.2  | 98.3  | 98.0  | 99.4  |
| 2006 | 22775  | -49.8  | -71.1  | -59.6  | 99.9  | 99.0  | 98.6  | 98.3  | 99.7  |
| 2007 | 21851  | -42.7  | -55.4  | -46.3  | 99.8  | 98.9  | 99.1  | 98.6  | 99.6  |
| 2008 | 23280  | -33.0  | -44.2  | -26.4  | 100.0 | 99.1  | 99.8  | 98.8  | 99.7  |
| 2009 | 22180  | -19.8  | -28.0  | 0.9    | 100.1 | 99.4  | 100.1 | 99.2  | 99.8  |
| 2010 | 21431  | -8.9   | -11.1  | 15.7   | 100.2 | 99.5  | 100.6 | 99.3  | 99.9  |
| 2011 | 21269  | 7.8    | 8.0    | 53.8   | 100.8 | 99.8  | 101.2 | 99.3  | 100.3 |
| 2012 | 21694  | 23.2   | 22.0   | 84.2   | 101.1 | 100.1 | 102.2 | 99.7  | 100.6 |
| 2013 | 22104  | 40.1   | 40.8   | 121.2  | 101.5 | 100.4 | 102.7 | 100.2 | 101.1 |
| 2014 | 22984  | 63.1   | 66.6   | 172.3  | 102.0 | 100.5 | 103.4 | 101.0 | 101.6 |
| 2015 | 22623  | 79.2   | 88.4   | 212.5  | 102.5 | 100.2 | 104.2 | 101.6 | 101.9 |
| 2016 | 6377   | 96.0   | 104.3  | 293.6  | 102.8 | 100.4 | 104.6 | 102.5 | 102.4 |

Tabel: 9 Zwartbont Holstein: Klauwgezondheidskenmerken

Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | Kgh   | Bv    | Mo    | Sp    | Zz    | Ty    | Wld   |
|------|--------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 26     | 95.5  | 96.1  | 98.0  | 96.3  | 96.5  | 98.8  | 99.8  |
| 1981 | 49     | 96.5  | 97.8  | 98.2  | 96.5  | 98.0  | 98.7  | 99.8  |
| 1982 | 54     | 96.2  | 97.6  | 98.3  | 96.5  | 97.6  | 98.6  | 98.8  |
| 1983 | 57     | 97.2  | 97.2  | 98.9  | 98.2  | 97.4  | 99.2  | 99.2  |
| 1984 | 51     | 96.0  | 96.5  | 98.4  | 97.0  | 96.8  | 99.0  | 99.2  |
| 1985 | 64     | 96.8  | 96.7  | 98.9  | 97.9  | 96.8  | 99.8  | 99.2  |
| 1986 | 176    | 96.4  | 96.2  | 99.0  | 97.8  | 96.0  | 99.5  | 98.3  |
| 1987 | 117    | 96.3  | 96.4  | 99.0  | 97.5  | 96.1  | 99.5  | 98.4  |
| 1988 | 180    | 98.4  | 97.5  | 101.1 | 98.6  | 97.3  | 100.5 | 98.4  |
| 1989 | 239    | 97.5  | 97.0  | 100.0 | 98.6  | 96.5  | 99.6  | 98.2  |
| 1990 | 320    | 96.8  | 97.3  | 98.8  | 98.0  | 96.6  | 98.3  | 98.6  |
| 1991 | 444    | 97.8  | 97.7  | 99.7  | 98.6  | 97.5  | 99.2  | 99.1  |
| 1992 | 532    | 97.0  | 96.1  | 99.9  | 98.3  | 96.3  | 99.4  | 98.7  |
| 1993 | 402    | 98.0  | 97.0  | 100.2 | 99.0  | 97.0  | 100.0 | 99.2  |
| 1994 | 540    | 98.1  | 97.2  | 100.6 | 98.8  | 97.1  | 100.3 | 98.5  |
| 1995 | 790    | 98.2  | 98.1  | 100.2 | 98.5  | 97.8  | 99.4  | 98.8  |
| 1996 | 943    | 98.2  | 98.2  | 100.1 | 98.6  | 97.8  | 99.4  | 99.0  |
| 1997 | 1122   | 98.1  | 98.4  | 99.8  | 98.7  | 97.4  | 98.9  | 99.0  |
| 1998 | 1277   | 98.4  | 97.8  | 100.3 | 99.3  | 97.4  | 99.3  | 98.6  |
| 1999 | 1251   | 98.5  | 98.1  | 100.3 | 99.4  | 97.2  | 99.4  | 98.6  |
| 2000 | 1511   | 98.4  | 98.5  | 100.2 | 98.9  | 97.5  | 99.5  | 98.3  |
| 2001 | 1596   | 98.6  | 99.0  | 100.0 | 99.0  | 97.7  | 99.6  | 98.5  |
| 2002 | 1668   | 98.3  | 98.6  | 99.9  | 98.9  | 97.5  | 99.5  | 98.5  |
| 2003 | 1816   | 98.4  | 98.8  | 99.7  | 99.0  | 97.5  | 99.4  | 98.8  |
| 2004 | 2201   | 98.8  | 98.8  | 100.0 | 99.4  | 98.2  | 99.3  | 98.8  |
| 2005 | 2136   | 98.9  | 98.5  | 100.2 | 99.6  | 98.2  | 99.8  | 98.8  |
| 2006 | 2426   | 99.3  | 99.1  | 100.1 | 99.9  | 98.6  | 100.2 | 98.9  |
| 2007 | 2051   | 99.1  | 99.3  | 99.6  | 99.6  | 98.8  | 100.0 | 99.2  |
| 2008 | 2107   | 99.1  | 99.5  | 99.3  | 99.5  | 99.1  | 99.8  | 99.6  |
| 2009 | 2169   | 99.7  | 99.8  | 99.7  | 99.9  | 99.6  | 100.1 | 100.0 |
| 2010 | 2144   | 99.9  | 100.0 | 99.7  | 99.9  | 100.1 | 100.2 | 100.2 |
| 2011 | 2135   | 100.4 | 100.4 | 99.8  | 100.4 | 100.5 | 100.1 | 100.7 |
| 2012 | 2111   | 100.9 | 100.8 | 100.0 | 100.7 | 100.9 | 100.1 | 101.0 |
| 2013 | 2217   | 101.0 | 100.8 | 100.2 | 100.8 | 100.9 | 100.4 | 101.0 |
| 2014 | 2176   | 101.6 | 101.2 | 100.6 | 101.3 | 101.2 | 100.8 | 101.1 |
| 2015 | 1412   | 101.8 | 101.5 | 100.6 | 101.3 | 101.5 | 100.9 | 101.4 |
| 2016 | 341    | 101.9 | 101.6 | 100.7 | 101.4 | 101.7 | 100.9 | 101.4 |

Tabel: 10 Zwartbont Holstein: Levensvatbaarheidskenmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | LVg  | LVa   | LVg1 | LVa1  | LVg2 | LVa2  |
|------|--------|------|-------|------|-------|------|-------|
| 1980 | 47     | 97.0 | 100.8 | 97.0 | 100.8 | 96.2 | 100.5 |
| 1981 | 75     | 97.4 | 100.4 | 97.4 | 100.4 | 96.6 | 99.4  |
| 1982 | 93     | 97.5 | 100.6 | 97.5 | 100.6 | 96.5 | 99.4  |
| 1983 | 97     | 97.7 | 100.8 | 97.7 | 100.8 | 96.8 | 99.6  |
| 1984 | 95     | 97.0 | 100.8 | 97.0 | 100.8 | 96.3 | 99.6  |
| 1985 | 128    | 97.2 | 100.7 | 97.2 | 100.7 | 96.6 | 99.7  |
| 1986 | 269    | 97.4 | 100.7 | 97.4 | 100.7 | 96.8 | 100.0 |
| 1987 | 232    | 97.0 | 100.6 | 97.0 | 100.6 | 96.4 | 99.7  |
| 1988 | 342    | 98.0 | 100.4 | 98.0 | 100.4 | 96.9 | 100.0 |
| 1989 | 442    | 97.6 | 100.8 | 97.6 | 100.8 | 96.9 | 99.9  |
| 1990 | 535    | 97.2 | 101.0 | 97.2 | 101.0 | 96.6 | 100.1 |
| 1991 | 726    | 98.2 | 100.8 | 98.2 | 100.8 | 97.7 | 100.3 |
| 1992 | 840    | 98.3 | 100.3 | 98.3 | 100.3 | 97.7 | 99.9  |

|      |      |       |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|-------|
| 1993 | 808  | 98.3  | 100.8 | 98.3  | 100.8 | 97.8  | 100.4 |
| 1994 | 936  | 98.5  | 100.5 | 98.5  | 100.5 | 97.9  | 99.9  |
| 1995 | 1229 | 99.1  | 99.9  | 99.1  | 99.9  | 98.3  | 99.5  |
| 1996 | 1490 | 99.0  | 99.8  | 99.0  | 99.8  | 98.3  | 99.3  |
| 1997 | 1728 | 98.6  | 99.9  | 98.6  | 99.9  | 97.9  | 99.5  |
| 1998 | 1891 | 99.1  | 99.8  | 99.1  | 99.8  | 98.4  | 99.3  |
| 1999 | 1878 | 98.8  | 99.7  | 98.8  | 99.7  | 98.1  | 99.3  |
| 2000 | 2259 | 99.0  | 99.7  | 99.0  | 99.7  | 98.5  | 99.5  |
| 2001 | 2430 | 99.0  | 99.8  | 99.0  | 99.8  | 98.5  | 99.6  |
| 2002 | 2553 | 99.5  | 99.6  | 99.5  | 99.6  | 99.1  | 99.6  |
| 2003 | 2613 | 99.4  | 99.9  | 99.4  | 99.9  | 99.1  | 99.8  |
| 2004 | 3250 | 99.8  | 99.8  | 99.8  | 99.8  | 99.4  | 99.7  |
| 2005 | 3277 | 99.7  | 100.0 | 99.7  | 100.0 | 99.4  | 100.0 |
| 2006 | 3650 | 100.0 | 100.1 | 100.0 | 100.1 | 99.8  | 100.0 |
| 2007 | 3293 | 99.7  | 99.9  | 99.7  | 99.9  | 99.7  | 99.8  |
| 2008 | 3585 | 99.5  | 100.2 | 99.5  | 100.2 | 99.8  | 99.9  |
| 2009 | 3524 | 99.6  | 100.2 | 99.6  | 100.2 | 100.1 | 100.1 |
| 2010 | 3083 | 99.6  | 100.2 | 99.6  | 100.2 | 100.4 | 99.9  |
| 2011 | 2965 | 100.0 | 100.4 | 100.0 | 100.4 | 101.1 | 100.0 |
| 2012 | 2639 | 100.2 | 100.5 | 100.2 | 100.5 | 101.5 | 100.2 |
| 2013 | 2509 | 100.3 | 101.1 | 100.3 | 101.1 | 101.7 | 100.6 |
| 2014 | 2657 | 101.0 | 101.1 | 101.0 | 101.1 | 102.2 | 100.7 |
| 2015 | 1977 | 101.1 | 101.4 | 101.1 | 101.4 | 102.2 | 100.8 |
| 2016 | 1355 | 101.7 | 101.5 | 101.7 | 101.5 | 102.7 | 101.3 |
| 2017 | 750  | 102.4 | 101.8 | 102.4 | 101.8 | 103.1 | 101.5 |
| 2018 | 51   | 102.9 | 102.6 | 102.9 | 102.6 | 103.8 | 102.0 |

Tabel: 11 Zwartbont Holstein: Geboortekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw   | Afk  | MDt   | MGw   |
|------|--------|-------|-------|-------|------|-------|-------|
| 1980 | 198    | 101.2 | 102.2 | 98.4  | 72.2 | 71.4  | 70.9  |
| 1981 | 325    | 101.0 | 101.4 | 98.6  | 65.4 | 65.2  | 65.3  |
| 1982 | 393    | 100.3 | 102.1 | 99.1  | 68.3 | 68.3  | 68.8  |
| 1983 | 591    | 100.1 | 102.8 | 99.3  | 79.3 | 80.6  | 80.9  |
| 1984 | 747    | 99.8  | 103.1 | 99.6  | 86.1 | 86.9  | 87.4  |
| 1985 | 1098   | 99.7  | 103.0 | 99.7  | 87.7 | 89.1  | 89.2  |
| 1986 | 1710   | 99.4  | 103.2 | 99.9  | 93.3 | 94.5  | 94.3  |
| 1987 | 2137   | 99.4  | 103.2 | 99.9  | 95.2 | 97.2  | 97.1  |
| 1988 | 3207   | 99.3  | 103.3 | 100.0 | 96.3 | 99.0  | 99.2  |
| 1989 | 4314   | 99.2  | 103.5 | 100.1 | 97.0 | 99.5  | 99.2  |
| 1990 | 5198   | 99.1  | 103.2 | 100.2 | 97.1 | 99.6  | 99.4  |
| 1991 | 5888   | 99.1  | 103.1 | 100.2 | 96.9 | 100.2 | 99.7  |
| 1992 | 6938   | 98.9  | 103.0 | 100.5 | 97.3 | 100.2 | 100.0 |
| 1993 | 6902   | 98.6  | 103.0 | 100.8 | 97.1 | 100.1 | 100.3 |
| 1994 | 6921   | 98.1  | 103.3 | 101.4 | 97.0 | 99.9  | 100.0 |
| 1995 | 7226   | 97.8  | 102.9 | 101.7 | 96.9 | 99.6  | 99.5  |
| 1996 | 7310   | 98.5  | 102.7 | 101.1 | 97.0 | 99.5  | 99.4  |
| 1997 | 7710   | 98.1  | 103.0 | 101.6 | 97.0 | 99.7  | 99.5  |
| 1998 | 7877   | 97.8  | 103.0 | 102.0 | 97.4 | 100.0 | 99.6  |
| 1999 | 7578   | 97.6  | 102.7 | 102.2 | 97.4 | 100.0 | 99.5  |
| 2000 | 8066   | 97.6  | 102.7 | 102.3 | 97.4 | 100.1 | 99.6  |
| 2001 | 8518   | 97.6  | 102.6 | 102.3 | 97.7 | 100.2 | 99.5  |
| 2002 | 8552   | 97.7  | 102.3 | 102.3 | 98.0 | 99.8  | 99.3  |
| 2003 | 9031   | 97.6  | 102.2 | 102.3 | 98.2 | 99.9  | 99.1  |
| 2004 | 9607   | 97.8  | 102.2 | 102.1 | 98.3 | 99.6  | 99.3  |
| 2005 | 9178   | 97.7  | 101.9 | 102.3 | 98.8 | 99.9  | 99.5  |
| 2006 | 9829   | 98.1  | 101.6 | 101.9 | 99.3 | 100.0 | 99.6  |
| 2007 | 10211  | 98.2  | 101.1 | 101.7 | 99.7 | 99.9  | 99.7  |
| 2008 | 10056  | 97.9  | 101.0 | 101.9 | 99.9 | 100.1 | 99.9  |

|      |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|
| 2009 | 12684 | 97.9  | 101.0 | 102.0 | 100.2 | 100.2 | 99.8  |
| 2010 | 12509 | 98.2  | 100.9 | 101.7 | 100.4 | 100.3 | 99.8  |
| 2011 | 12303 | 98.9  | 100.6 | 101.1 | 100.8 | 100.5 | 99.7  |
| 2012 | 12469 | 99.2  | 100.6 | 100.8 | 101.1 | 101.0 | 99.8  |
| 2013 | 12716 | 99.4  | 100.5 | 100.6 | 101.5 | 101.5 | 99.9  |
| 2014 | 13229 | 99.6  | 100.4 | 100.5 | 101.7 | 101.9 | 100.0 |
| 2015 | 12689 | 99.6  | 100.3 | 100.5 | 102.0 | 102.1 | 99.9  |
| 2016 | 11308 | 99.8  | 100.2 | 100.4 | 102.3 | 102.5 | 99.9  |
| 2017 | 9783  | 100.0 | 99.7  | 100.2 | 102.7 | 102.9 | 99.9  |
| 2018 | 4124  | 100.3 | 99.4  | 99.9  | 102.8 | 103.1 | 99.8  |

Tabel: 12 Zwartbont Holstein: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1980 | 66     | 102.7 | 105.8 | 97.7  | 100.4 | 104.0 | 98.4  | 102.5 | 99.0 | 104.4 | 99.3  | 101.0 |
| 1981 | 98     | 102.6 | 106.3 | 97.4  | 100.7 | 104.0 | 98.5  | 102.6 | 99.1 | 104.2 | 99.3  | 100.6 |
| 1982 | 134    | 102.5 | 105.8 | 97.2  | 99.9  | 104.1 | 97.7  | 102.5 | 99.3 | 104.0 | 98.7  | 99.9  |
| 1983 | 165    | 102.9 | 107.0 | 96.1  | 100.3 | 105.2 | 97.1  | 103.0 | 98.5 | 104.9 | 98.5  | 100.2 |
| 1984 | 215    | 103.4 | 108.2 | 96.2  | 101.2 | 105.7 | 97.5  | 103.4 | 98.5 | 105.4 | 98.7  | 100.8 |
| 1985 | 318    | 103.6 | 108.5 | 96.0  | 101.4 | 106.0 | 97.7  | 103.6 | 98.4 | 105.3 | 98.5  | 101.5 |
| 1986 | 604    | 103.5 | 107.6 | 96.7  | 101.5 | 105.3 | 98.3  | 103.3 | 99.1 | 104.9 | 98.8  | 101.8 |
| 1987 | 719    | 103.5 | 108.2 | 96.2  | 101.4 | 105.3 | 97.9  | 103.4 | 98.9 | 105.0 | 98.6  | 101.8 |
| 1988 | 1095   | 103.5 | 107.8 | 96.5  | 101.1 | 105.3 | 98.0  | 103.2 | 99.2 | 105.1 | 98.6  | 102.1 |
| 1989 | 1506   | 103.2 | 107.2 | 96.9  | 100.9 | 104.8 | 98.2  | 103.0 | 99.2 | 104.7 | 98.8  | 102.0 |
| 1990 | 1994   | 103.0 | 106.4 | 97.2  | 100.3 | 104.6 | 97.9  | 102.8 | 99.2 | 104.3 | 99.1  | 101.3 |
| 1991 | 2641   | 103.0 | 106.1 | 97.6  | 100.4 | 104.4 | 98.0  | 102.9 | 99.2 | 104.3 | 99.2  | 101.5 |
| 1992 | 3431   | 102.7 | 105.5 | 98.2  | 100.3 | 103.8 | 98.4  | 102.6 | 99.3 | 103.9 | 99.8  | 101.4 |
| 1993 | 3683   | 102.8 | 105.4 | 98.4  | 100.5 | 103.8 | 98.7  | 102.7 | 99.3 | 104.0 | 99.9  | 101.7 |
| 1994 | 4586   | 102.6 | 104.7 | 98.7  | 100.3 | 103.4 | 98.9  | 102.5 | 99.7 | 103.5 | 100.0 | 101.4 |
| 1995 | 5707   | 102.3 | 104.1 | 99.0  | 100.1 | 103.0 | 99.1  | 102.0 | 99.9 | 103.3 | 99.9  | 101.3 |
| 1996 | 6487   | 101.7 | 103.3 | 99.3  | 99.7  | 102.4 | 99.0  | 101.7 | 99.4 | 102.7 | 99.9  | 100.7 |
| 1997 | 7737   | 101.6 | 102.8 | 99.3  | 99.5  | 102.3 | 98.7  | 101.7 | 99.4 | 102.4 | 99.8  | 100.5 |
| 1998 | 8980   | 101.6 | 102.4 | 99.7  | 99.5  | 102.1 | 98.8  | 101.6 | 99.6 | 102.2 | 99.9  | 100.5 |
| 1999 | 9986   | 101.2 | 102.4 | 99.6  | 99.6  | 101.6 | 99.0  | 101.2 | 99.6 | 102.1 | 99.8  | 100.5 |
| 2000 | 11571  | 101.1 | 101.9 | 100.0 | 99.6  | 101.5 | 99.3  | 101.1 | 99.4 | 101.9 | 100.0 | 100.6 |
| 2001 | 13113  | 101.1 | 101.3 | 100.3 | 99.5  | 101.2 | 99.4  | 101.2 | 99.6 | 101.4 | 100.3 | 100.3 |
| 2002 | 14965  | 100.8 | 100.7 | 100.4 | 99.4  | 100.7 | 99.4  | 101.0 | 99.5 | 100.9 | 100.2 | 100.2 |
| 2003 | 16366  | 100.5 | 100.4 | 100.4 | 99.5  | 100.2 | 99.7  | 100.8 | 99.4 | 100.5 | 100.3 | 100.3 |
| 2004 | 17090  | 100.6 | 100.3 | 100.4 | 99.4  | 100.3 | 99.6  | 100.8 | 99.7 | 100.6 | 100.1 | 100.2 |
| 2005 | 16497  | 100.4 | 100.2 | 100.4 | 99.6  | 99.9  | 100.1 | 100.7 | 99.8 | 100.3 | 100.4 | 100.2 |
| 2006 | 17801  | 100.1 | 100.1 | 100.5 | 99.9  | 99.7  | 100.3 | 100.3 | 99.8 | 100.1 | 100.5 | 100.0 |
| 2007 | 17587  | 99.9  | 99.8  | 100.5 | 100.0 | 99.5  | 100.3 | 100.2 | 99.6 | 99.9  | 100.6 | 100.0 |
| 2008 | 19004  | 99.9  | 99.7  | 100.5 | 99.9  | 99.4  | 100.3 | 100.3 | 99.4 | 99.9  | 100.6 | 99.9  |
| 2009 | 18622  | 99.7  | 99.7  | 100.4 | 99.9  | 99.3  | 100.4 | 100.2 | 99.4 | 99.8  | 100.7 | 99.9  |
| 2010 | 17436  | 99.9  | 99.6  | 100.2 | 99.9  | 99.4  | 100.1 | 100.3 | 99.4 | 99.8  | 100.5 | 99.9  |
| 2011 | 15801  | 100.1 | 99.8  | 100.0 | 100.2 | 99.6  | 99.7  | 100.8 | 99.1 | 99.8  | 100.3 | 100.1 |
| 2012 | 13272  | 100.0 | 99.4  | 100.2 | 100.1 | 99.4  | 99.7  | 100.9 | 98.9 | 99.5  | 100.6 | 99.8  |
| 2013 | 10171  | 99.8  | 99.0  | 100.4 | 99.9  | 99.1  | 99.8  | 100.9 | 98.6 | 99.1  | 101.1 | 99.3  |
| 2014 | 6657   | 99.7  | 98.7  | 100.7 | 99.8  | 99.0  | 99.7  | 101.0 | 98.3 | 98.7  | 101.0 | 99.4  |
| 2015 | 2979   | 99.8  | 98.6  | 100.9 | 99.6  | 99.0  | 99.7  | 101.0 | 98.3 | 98.7  | 101.1 | 99.4  |
| 2016 | 500    | 99.7  | 98.4  | 101.2 | 99.3  | 99.0  | 99.6  | 101.1 | 98.1 | 98.8  | 101.0 | 99.5  |

Tabel: 13 Zwartbont Holstein: Kalvervitaliteit  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
|------|--------|-------|-------|-------|

|      |      |       |       |       |
|------|------|-------|-------|-------|
| 1980 | 42   | 99.0  | 100.1 | 98.0  |
| 1981 | 73   | 98.6  | 99.8  | 98.3  |
| 1982 | 92   | 99.4  | 100.4 | 98.4  |
| 1983 | 90   | 99.3  | 100.3 | 98.7  |
| 1984 | 82   | 98.6  | 99.7  | 97.7  |
| 1985 | 112  | 98.7  | 100.0 | 97.9  |
| 1986 | 242  | 98.2  | 99.6  | 97.6  |
| 1987 | 194  | 98.3  | 99.7  | 97.7  |
| 1988 | 266  | 99.2  | 100.3 | 98.8  |
| 1989 | 334  | 98.6  | 100.0 | 98.1  |
| 1990 | 425  | 99.2  | 100.2 | 98.2  |
| 1991 | 566  | 99.5  | 100.5 | 98.5  |
| 1992 | 647  | 99.6  | 100.5 | 99.0  |
| 1993 | 574  | 99.5  | 100.7 | 98.6  |
| 1994 | 706  | 100.0 | 100.9 | 99.0  |
| 1995 | 902  | 100.1 | 100.8 | 99.1  |
| 1996 | 1151 | 100.0 | 100.8 | 99.0  |
| 1997 | 1329 | 99.8  | 100.3 | 99.0  |
| 1998 | 1426 | 100.2 | 100.6 | 99.6  |
| 1999 | 1418 | 100.2 | 100.7 | 99.4  |
| 2000 | 1761 | 99.9  | 100.3 | 99.6  |
| 2001 | 1927 | 100.3 | 100.6 | 99.6  |
| 2002 | 1910 | 100.1 | 100.5 | 99.5  |
| 2003 | 1912 | 100.3 | 100.5 | 99.6  |
| 2004 | 2465 | 100.7 | 100.7 | 100.1 |
| 2005 | 2532 | 100.6 | 100.8 | 99.8  |
| 2006 | 2801 | 100.3 | 100.5 | 99.4  |
| 2007 | 2457 | 100.1 | 100.1 | 99.7  |
| 2008 | 2713 | 100.0 | 100.1 | 99.6  |
| 2009 | 2632 | 100.4 | 100.4 | 99.6  |
| 2010 | 2118 | 100.1 | 100.2 | 99.4  |
| 2011 | 1988 | 100.3 | 100.5 | 99.6  |
| 2012 | 1568 | 100.3 | 100.2 | 99.6  |
| 2013 | 1344 | 100.6 | 100.5 | 99.8  |
| 2014 | 1353 | 100.7 | 100.6 | 99.7  |
| 2015 | 1093 | 100.6 | 100.3 | 99.9  |
| 2016 | 1306 | 101.0 | 100.4 | 100.2 |
| 2017 | 869  | 101.1 | 100.6 | 99.6  |
| 2018 | 54   | 100.6 | 99.8  | 100.1 |

Tabel: 14 Zwartbont Holstein: Levensproductiekenmerken

Basis: Melkdoel zwart

Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2001 | 21550  | -1457.5 | -5982.9 | -233.6 | -215.8 |
| 2002 | 22188  | -1341.1 | -5441.6 | -216.3 | -198.1 |
| 2003 | 22274  | -1271.5 | -5133.9 | -202.5 | -189.3 |
| 2004 | 22608  | -1106.5 | -4511.1 | -177.8 | -163.8 |
| 2005 | 21854  | -1068.4 | -4327.2 | -173.7 | -157.2 |
| 2006 | 22732  | -837.8  | -3330.5 | -139.5 | -121.8 |
| 2007 | 21852  | -700.2  | -2743.5 | -120.0 | -100.2 |
| 2008 | 23369  | -531.7  | -2039.1 | -93.0  | -75.2  |
| 2009 | 22560  | -292.9  | -1087.1 | -51.0  | -41.7  |
| 2010 | 22122  | -133.0  | -501.4  | -22.8  | -19.1  |
| 2011 | 22076  | 190.1   | 795.6   | 32.6   | 27.0   |
| 2012 | 22828  | 450.7   | 1769.6  | 76.8   | 64.6   |
| 2013 | 23355  | 775.5   | 3066.1  | 135.1  | 109.6  |
| 2014 | 24439  | 1230.3  | 4948.7  | 215.5  | 173.1  |
| 2015 | 24334  | 1590.6  | 6394.1  | 280.1  | 223.0  |



|      |       |        |         |       |       |
|------|-------|--------|---------|-------|-------|
| 2016 | 10336 | 2331.6 | 9124.0  | 410.7 | 327.6 |
| 2017 | 5942  | 3306.3 | 12713.6 | 580.3 | 466.5 |
| 2018 | 2414  | 3607.4 | 13915.2 | 630.0 | 510.5 |

Tabel: 15 Zwartbont Holstein: Robot / AMS kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | Eff   | Int   | Gewen |
|------|--------|-------|-------|-------|
| 1980 | 35     | 99.3  | 96.4  | 101.8 |
| 1981 | 57     | 100.1 | 96.1  | 101.8 |
| 1982 | 73     | 100.3 | 97.0  | 101.7 |
| 1983 | 76     | 99.0  | 96.8  | 102.3 |
| 1984 | 72     | 99.0  | 96.0  | 102.3 |
| 1985 | 87     | 98.9  | 96.5  | 102.2 |
| 1986 | 198    | 99.3  | 97.2  | 102.1 |
| 1987 | 159    | 99.5  | 96.7  | 101.9 |
| 1988 | 227    | 99.1  | 96.2  | 101.8 |
| 1989 | 284    | 99.0  | 96.9  | 102.1 |
| 1990 | 392    | 99.6  | 97.2  | 102.4 |
| 1991 | 497    | 99.7  | 97.1  | 101.7 |
| 1992 | 606    | 100.2 | 96.9  | 101.4 |
| 1993 | 517    | 99.5  | 97.3  | 101.7 |
| 1994 | 637    | 99.6  | 97.1  | 101.5 |
| 1995 | 839    | 99.5  | 97.3  | 100.8 |
| 1996 | 984    | 99.8  | 97.8  | 101.3 |
| 1997 | 1140   | 99.9  | 97.7  | 101.5 |
| 1998 | 1229   | 99.8  | 97.8  | 101.6 |
| 1999 | 1181   | 99.8  | 98.0  | 101.6 |
| 2000 | 1471   | 100.1 | 98.7  | 101.1 |
| 2001 | 1610   | 100.0 | 99.0  | 100.8 |
| 2002 | 1646   | 100.0 | 98.7  | 101.0 |
| 2003 | 1796   | 100.3 | 98.5  | 100.9 |
| 2004 | 2085   | 100.1 | 99.3  | 100.5 |
| 2005 | 2178   | 100.0 | 99.6  | 100.8 |
| 2006 | 2528   | 100.1 | 100.2 | 100.7 |
| 2007 | 2356   | 100.2 | 100.5 | 100.6 |
| 2008 | 2817   | 100.1 | 100.6 | 100.5 |
| 2009 | 3159   | 100.0 | 101.0 | 100.4 |
| 2010 | 3423   | 100.0 | 101.4 | 100.2 |
| 2011 | 3519   | 100.0 | 102.3 | 99.9  |
| 2012 | 3738   | 99.7  | 102.7 | 99.9  |
| 2013 | 3787   | 99.7  | 103.3 | 99.9  |
| 2014 | 4111   | 99.2  | 103.9 | 100.1 |
| 2015 | 4435   | 98.7  | 103.5 | 99.9  |
| 2016 | 1430   | 98.4  | 102.9 | 100.0 |

Tabel: 16 Zwartbont Holstein: Overige productie en efficiency kenm.  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | Pers | RTM  | Aantal | DSopn | Aantal | Gew |
|------|--------|------|------|--------|-------|--------|-----|
| 1980 | 425    | 99.6 | 97.2 | 16     | -3.5  | 0      | 0.0 |
| 1981 | 603    | 98.5 | 96.8 | 31     | -3.1  | 0      | 0.0 |
| 1982 | 717    | 98.7 | 98.3 | 43     | -3.4  | 0      | 0.0 |
| 1983 | 966    | 98.4 | 98.3 | 36     | -2.9  | 0      | 0.0 |
| 1984 | 1084   | 98.2 | 98.7 | 27     | -2.9  | 0      | 0.0 |
| 1985 | 1512   | 98.5 | 99.1 | 1527   | -4.9  | 0      | 0.0 |

|      |       |       |       |       |      |       |       |
|------|-------|-------|-------|-------|------|-------|-------|
| 1986 | 2397  | 97.9  | 99.3  | 2350  | -4.5 | 0     | 0.0   |
| 1987 | 3523  | 97.6  | 98.8  | 3514  | -4.4 | 0     | 0.0   |
| 1988 | 4973  | 97.8  | 98.7  | 4938  | -4.2 | 0     | 0.0   |
| 1989 | 6432  | 97.8  | 98.9  | 6410  | -3.9 | 0     | 0.0   |
| 1990 | 7920  | 98.2  | 99.1  | 7857  | -3.6 | 0     | 0.0   |
| 1991 | 9747  | 98.1  | 99.0  | 9686  | -3.4 | 0     | 0.0   |
| 1992 | 11501 | 98.2  | 99.2  | 11423 | -3.2 | 0     | 0.0   |
| 1993 | 12767 | 98.3  | 99.2  | 12723 | -3.0 | 0     | 0.0   |
| 1994 | 14857 | 98.4  | 99.2  | 14798 | -2.8 | 0     | 0.0   |
| 1995 | 16702 | 98.3  | 99.0  | 16635 | -2.6 | 0     | 0.0   |
| 1996 | 17589 | 99.0  | 99.1  | 17496 | -2.3 | 0     | 0.0   |
| 1997 | 18934 | 99.0  | 98.9  | 18810 | -2.2 | 0     | 0.0   |
| 1998 | 19981 | 99.2  | 98.8  | 19878 | -1.9 | 0     | 0.0   |
| 1999 | 20184 | 99.2  | 98.7  | 20097 | -1.8 | 0     | 0.0   |
| 2000 | 20953 | 99.7  | 98.5  | 20816 | -1.6 | 0     | 0.0   |
| 2001 | 21540 | 100.0 | 98.6  | 21388 | -1.5 | 13077 | 97.0  |
| 2002 | 22198 | 100.1 | 98.5  | 22072 | -1.3 | 13330 | 97.2  |
| 2003 | 22421 | 99.9  | 98.4  | 22289 | -1.1 | 13387 | 97.7  |
| 2004 | 22779 | 100.2 | 98.7  | 22650 | -1.0 | 13285 | 97.9  |
| 2005 | 21962 | 100.3 | 98.7  | 21815 | -0.8 | 12385 | 98.5  |
| 2006 | 22787 | 100.6 | 98.9  | 22659 | -0.6 | 12778 | 99.1  |
| 2007 | 21863 | 100.8 | 98.9  | 21824 | -0.4 | 11860 | 99.6  |
| 2008 | 23296 | 101.0 | 99.1  | 23335 | -0.2 | 12172 | 100.0 |
| 2009 | 22192 | 101.1 | 99.4  | 22439 | -0.1 | 12115 | 100.1 |
| 2010 | 21443 | 101.3 | 99.5  | 21987 | 0.0  | 12509 | 100.4 |
| 2011 | 21281 | 101.7 | 100.0 | 21938 | 0.3  | 12494 | 101.4 |
| 2012 | 21700 | 101.9 | 100.6 | 22714 | 0.5  | 12720 | 101.8 |
| 2013 | 22109 | 102.3 | 100.7 | 23248 | 0.6  | 12929 | 101.9 |
| 2014 | 22984 | 102.9 | 100.9 | 24513 | 0.9  | 12948 | 102.2 |
| 2015 | 22623 | 103.3 | 100.7 | 24579 | 1.1  | 12075 | 102.6 |
| 2016 | 6377  | 103.3 | 100.8 | 10345 | 1.3  | 1994  | 102.6 |
| 2017 | 0     | 0.0   | 0.0   | 5983  | 1.4  | 0     | 0.0   |
| 2018 | 0     | 0.0   | 0.0   | 2533  | 1.6  | 0     | 0.0   |

Tabel: 17 Red-Holstein: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL    | %V   | %E    | %L   | INET   |
|------|--------|---------|-------|-------|--------|------|-------|------|--------|
| 1983 | 10     | -2282.7 | -84.9 | -85.4 | -102.4 | 30.8 | -5.1  | 2.6  | -559.0 |
| 1984 | 21     | -1840.9 | -70.0 | -73.0 | -83.8  | 20.4 | -10.2 | 0.0  | -471.5 |
| 1985 | 37     | -1910.7 | -73.7 | -74.4 | -87.1  | 19.7 | -8.5  | 0.0  | -485.9 |
| 1986 | 43     | -1796.6 | -67.8 | -71.5 | -83.5  | 21.1 | -10.0 | -2.5 | -460.5 |
| 1987 | 102    | -1859.5 | -69.1 | -72.0 | -84.8  | 23.6 | -7.6  | -0.2 | -465.8 |
| 1988 | 209    | -1857.9 | -67.3 | -72.1 | -84.7  | 26.7 | -7.5  | -0.3 | -462.5 |
| 1989 | 381    | -1803.2 | -67.0 | -69.6 | -82.3  | 23.1 | -6.6  | -0.4 | -450.8 |
| 1990 | 531    | -1771.7 | -66.7 | -68.7 | -81.1  | 22.0 | -6.6  | -0.6 | -446.1 |
| 1991 | 766    | -1600.4 | -61.7 | -63.7 | -73.1  | 17.0 | -8.6  | -0.4 | -412.9 |
| 1992 | 1163   | -1540.5 | -60.7 | -61.8 | -70.3  | 14.1 | -8.9  | -0.2 | -402.1 |
| 1993 | 1614   | -1483.3 | -60.3 | -60.6 | -67.7  | 10.7 | -10.1 | -0.3 | -395.3 |
| 1994 | 2106   | -1362.3 | -50.4 | -54.4 | -62.2  | 16.9 | -7.3  | -0.3 | -347.5 |
| 1995 | 2837   | -1311.7 | -48.2 | -52.1 | -59.9  | 16.8 | -6.5  | -0.4 | -332.8 |
| 1996 | 3275   | -1201.9 | -43.0 | -49.0 | -54.9  | 16.9 | -7.7  | -0.3 | -307.8 |
| 1997 | 3998   | -1081.3 | -40.8 | -45.4 | -49.4  | 12.2 | -8.5  | -0.3 | -286.7 |
| 1998 | 5044   | -1032.0 | -37.7 | -42.6 | -47.2  | 13.3 | -7.1  | -0.3 | -267.9 |
| 1999 | 5136   | -972.1  | -35.6 | -39.8 | -44.4  | 12.4 | -6.1  | -0.2 | -251.4 |
| 2000 | 5813   | -811.2  | -31.3 | -34.8 | -37.1  | 8.0  | -7.1  | -0.2 | -219.8 |
| 2001 | 6257   | -693.1  | -28.9 | -31.5 | -31.8  | 4.2  | -8.1  | -0.3 | -199.2 |
| 2002 | 6322   | -553.1  | -24.6 | -26.9 | -25.6  | 1.6  | -8.7  | -0.5 | -169.7 |
| 2003 | 6398   | -462.3  | -21.4 | -23.8 | -22.6  | 0.2  | -8.7  | -1.9 | -149.4 |
| 2004 | 6560   | -349.6  | -16.4 | -19.8 | -17.4  | 0.3  | -8.5  | -1.9 | -120.8 |

|      |      |        |       |       |       |       |       |      |       |
|------|------|--------|-------|-------|-------|-------|-------|------|-------|
| 2005 | 6523 | -181.7 | -13.8 | -14.8 | -10.2 | -5.8  | -9.7  | -2.4 | -92.9 |
| 2006 | 6528 | -70.2  | -12.4 | -11.2 | -3.8  | -10.0 | -10.1 | -0.8 | -73.2 |
| 2007 | 6489 | -65.0  | -9.6  | -9.6  | -3.8  | -7.0  | -8.3  | -1.1 | -60.6 |
| 2008 | 6967 | -16.6  | -7.4  | -6.6  | -1.5  | -6.9  | -6.7  | -1.0 | -43.1 |
| 2009 | 6773 | -8.0   | -9.1  | -6.4  | -0.2  | -9.6  | -7.0  | 0.2  | -45.6 |
| 2010 | 6662 | 49.0   | -6.5  | -3.4  | 2.3   | -9.5  | -5.7  | 0.1  | -26.8 |
| 2011 | 6174 | 151.6  | -1.3  | 0.8   | 7.2   | -8.7  | -5.0  | 0.3  | 2.6   |
| 2012 | 5831 | 192.2  | 0.6   | 2.8   | 9.4   | -8.5  | -4.3  | 0.8  | 15.7  |
| 2013 | 5764 | 238.8  | 3.6   | 5.2   | 11.7  | -7.4  | -3.4  | 0.9  | 32.3  |
| 2014 | 5553 | 308.5  | 6.3   | 7.8   | 14.8  | -7.7  | -3.3  | 0.9  | 49.7  |
| 2015 | 4989 | 355.7  | 8.5   | 10.1  | 17.4  | -7.7  | -2.5  | 1.5  | 64.5  |
| 2016 | 1132 | 408.9  | 8.1   | 11.2  | 20.2  | -10.8 | -3.5  | 1.9  | 69.0  |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 18 Red-Holstein: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | H     | VH    | IH    | OH    | CS    | KL    | KB    |
|------|--------|-------|-------|-------|-------|-------|-------|-------|
| 1985 | 23     | 90.2  | 95.3  | 91.6  | 92.0  | 99.3  | 95.2  | 96.3  |
| 1986 | 24     | 91.5  | 95.7  | 93.3  | 93.5  | 99.6  | 95.2  | 96.8  |
| 1987 | 57     | 91.5  | 96.7  | 93.8  | 93.7  | 100.2 | 94.5  | 97.0  |
| 1988 | 112    | 91.4  | 97.2  | 93.8  | 93.6  | 100.6 | 94.5  | 97.5  |
| 1989 | 222    | 91.5  | 97.1  | 93.7  | 93.6  | 100.4 | 95.0  | 97.7  |
| 1990 | 322    | 91.1  | 96.9  | 93.4  | 93.4  | 100.4 | 94.8  | 96.9  |
| 1991 | 471    | 92.3  | 97.2  | 94.3  | 94.4  | 99.9  | 94.7  | 97.7  |
| 1992 | 733    | 93.0  | 97.2  | 94.3  | 94.5  | 100.0 | 95.0  | 98.5  |
| 1993 | 1019   | 93.9  | 97.6  | 95.0  | 95.2  | 100.3 | 94.9  | 99.0  |
| 1994 | 1285   | 94.0  | 98.2  | 96.1  | 95.7  | 100.4 | 95.2  | 99.5  |
| 1995 | 1744   | 93.8  | 98.5  | 96.5  | 96.3  | 100.0 | 95.5  | 99.3  |
| 1996 | 2030   | 94.6  | 98.5  | 97.7  | 97.2  | 99.7  | 95.1  | 99.9  |
| 1997 | 2481   | 95.0  | 98.8  | 98.0  | 97.5  | 99.8  | 95.8  | 99.5  |
| 1998 | 3100   | 95.6  | 99.6  | 98.7  | 98.2  | 99.9  | 95.9  | 99.5  |
| 1999 | 3063   | 96.2  | 99.6  | 98.7  | 98.4  | 99.9  | 95.8  | 99.7  |
| 2000 | 3591   | 97.2  | 99.2  | 98.2  | 98.0  | 100.1 | 96.6  | 99.6  |
| 2001 | 3896   | 97.7  | 99.8  | 98.9  | 98.6  | 100.0 | 96.5  | 100.2 |
| 2002 | 3844   | 98.5  | 99.9  | 99.4  | 99.5  | 99.3  | 97.0  | 100.5 |
| 2003 | 3833   | 99.1  | 99.9  | 99.7  | 99.9  | 99.3  | 97.6  | 100.2 |
| 2004 | 3901   | 99.1  | 100.0 | 100.0 | 100.3 | 98.8  | 97.8  | 100.4 |
| 2005 | 3798   | 99.4  | 100.1 | 100.2 | 100.4 | 98.4  | 98.3  | 101.0 |
| 2006 | 3760   | 99.8  | 100.4 | 100.4 | 100.8 | 98.7  | 98.6  | 101.2 |
| 2007 | 3682   | 100.1 | 100.2 | 100.4 | 100.9 | 98.7  | 99.0  | 100.7 |
| 2008 | 3914   | 100.5 | 100.1 | 100.2 | 100.7 | 98.9  | 99.1  | 100.7 |
| 2009 | 3946   | 101.1 | 100.6 | 100.5 | 100.6 | 99.5  | 99.4  | 100.8 |
| 2010 | 4013   | 101.5 | 100.4 | 100.5 | 100.8 | 99.2  | 99.7  | 101.1 |
| 2011 | 3761   | 101.6 | 100.3 | 100.6 | 101.0 | 99.1  | 99.8  | 101.0 |
| 2012 | 3612   | 101.5 | 100.2 | 100.4 | 100.8 | 99.2  | 100.0 | 101.0 |
| 2013 | 3591   | 101.7 | 100.3 | 100.5 | 101.1 | 99.1  | 99.6  | 101.0 |
| 2014 | 3225   | 102.2 | 100.5 | 100.8 | 101.7 | 99.2  | 99.3  | 101.0 |
| 2015 | 2767   | 102.8 | 100.5 | 101.1 | 101.8 | 99.3  | 99.7  | 101.0 |
| 2016 | 365    | 104.1 | 100.6 | 102.0 | 102.7 | 99.1  | 100.3 | 101.1 |

Tabel: 19 Red-Holstein: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | BA   | BZ    | KH   | BG   |
|------|--------|------|-------|------|------|
| 1985 | 23     | 93.6 | 100.1 | 93.6 | 90.9 |

|      |      |       |       |       |       |
|------|------|-------|-------|-------|-------|
| 1986 | 24   | 94.1  | 100.8 | 93.9  | 91.3  |
| 1987 | 57   | 93.9  | 101.5 | 93.8  | 90.9  |
| 1988 | 112  | 94.5  | 100.7 | 93.6  | 91.7  |
| 1989 | 222  | 95.1  | 101.6 | 93.7  | 92.3  |
| 1990 | 322  | 95.2  | 101.3 | 93.8  | 92.4  |
| 1991 | 471  | 95.0  | 102.1 | 93.8  | 92.1  |
| 1992 | 733  | 95.4  | 101.3 | 94.7  | 92.3  |
| 1993 | 1019 | 96.0  | 101.3 | 95.1  | 93.1  |
| 1994 | 1285 | 94.6  | 101.6 | 94.4  | 92.3  |
| 1995 | 1744 | 95.0  | 102.2 | 94.4  | 92.6  |
| 1996 | 2030 | 96.4  | 102.9 | 94.5  | 93.8  |
| 1997 | 2481 | 96.7  | 103.3 | 94.4  | 94.3  |
| 1998 | 3100 | 97.1  | 103.8 | 94.2  | 94.8  |
| 1999 | 3063 | 97.5  | 103.3 | 94.6  | 95.2  |
| 2000 | 3591 | 98.1  | 102.7 | 96.2  | 95.9  |
| 2001 | 3896 | 98.3  | 102.8 | 96.4  | 96.0  |
| 2002 | 3844 | 98.1  | 102.7 | 96.4  | 96.1  |
| 2003 | 3833 | 98.1  | 102.5 | 96.7  | 96.3  |
| 2004 | 3901 | 98.2  | 103.0 | 96.5  | 96.5  |
| 2005 | 3798 | 98.4  | 103.2 | 96.1  | 97.0  |
| 2006 | 3760 | 98.8  | 102.6 | 96.8  | 97.6  |
| 2007 | 3682 | 99.0  | 102.1 | 97.3  | 97.9  |
| 2008 | 3914 | 98.8  | 101.5 | 98.1  | 98.0  |
| 2009 | 3946 | 99.5  | 101.2 | 98.7  | 98.8  |
| 2010 | 4013 | 100.3 | 100.6 | 99.4  | 99.7  |
| 2011 | 3761 | 101.3 | 100.5 | 99.7  | 100.8 |
| 2012 | 3612 | 101.7 | 100.5 | 100.0 | 101.4 |
| 2013 | 3591 | 101.9 | 100.4 | 100.2 | 101.7 |
| 2014 | 3225 | 102.4 | 100.2 | 100.4 | 102.0 |
| 2015 | 2767 | 102.5 | 100.0 | 100.7 | 102.4 |
| 2016 | 365  | 102.7 | 100.0 | 100.7 | 102.6 |

Tabel: 20 Red-Holstein: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | VA   | VP   | SL    | UD   | AH   | OB   | AP    |
|------|--------|------|------|-------|------|------|------|-------|
| 1985 | 23     | 95.7 | 91.5 | 100.7 | 96.7 | 90.5 | 93.4 | 92.8  |
| 1986 | 24     | 96.4 | 92.1 | 101.0 | 96.9 | 92.1 | 94.2 | 93.9  |
| 1987 | 57     | 96.0 | 91.9 | 101.4 | 97.1 | 92.6 | 93.3 | 93.1  |
| 1988 | 112    | 95.6 | 91.9 | 101.9 | 96.8 | 92.0 | 93.5 | 93.2  |
| 1989 | 222    | 95.4 | 92.5 | 102.4 | 96.4 | 92.1 | 93.5 | 93.5  |
| 1990 | 322    | 94.9 | 92.0 | 102.5 | 96.1 | 92.3 | 93.2 | 93.0  |
| 1991 | 471    | 95.5 | 92.2 | 102.2 | 96.7 | 92.7 | 93.5 | 93.4  |
| 1992 | 733    | 96.2 | 92.2 | 101.6 | 97.4 | 92.9 | 93.3 | 93.5  |
| 1993 | 1019   | 96.6 | 92.9 | 101.5 | 97.6 | 93.3 | 93.6 | 93.9  |
| 1994 | 1285   | 96.2 | 93.5 | 100.6 | 96.4 | 92.4 | 93.9 | 94.5  |
| 1995 | 1744   | 96.1 | 93.6 | 101.3 | 96.0 | 92.4 | 94.3 | 94.5  |
| 1996 | 2030   | 96.3 | 94.1 | 101.5 | 96.1 | 93.8 | 95.1 | 95.1  |
| 1997 | 2481   | 96.3 | 94.2 | 100.9 | 96.1 | 94.1 | 95.2 | 94.8  |
| 1998 | 3100   | 96.2 | 94.9 | 100.9 | 95.8 | 95.0 | 95.9 | 95.6  |
| 1999 | 3063   | 96.5 | 95.5 | 101.0 | 96.4 | 95.9 | 96.8 | 96.4  |
| 2000 | 3591   | 97.6 | 95.9 | 100.8 | 98.1 | 96.2 | 97.3 | 97.0  |
| 2001 | 3896   | 97.9 | 95.8 | 101.2 | 98.1 | 96.5 | 97.5 | 97.2  |
| 2002 | 3844   | 98.1 | 96.2 | 101.2 | 98.2 | 97.0 | 97.9 | 97.6  |
| 2003 | 3833   | 98.6 | 96.8 | 100.8 | 98.7 | 97.5 | 98.2 | 97.9  |
| 2004 | 3901   | 98.4 | 97.1 | 101.1 | 98.2 | 98.1 | 98.7 | 98.6  |
| 2005 | 3798   | 98.3 | 97.4 | 101.9 | 98.0 | 98.5 | 99.1 | 99.2  |
| 2006 | 3760   | 99.0 | 97.9 | 101.6 | 98.6 | 98.9 | 99.2 | 99.5  |
| 2007 | 3682   | 99.4 | 98.4 | 101.1 | 99.2 | 99.2 | 99.4 | 99.8  |
| 2008 | 3914   | 99.7 | 98.7 | 100.8 | 99.7 | 99.5 | 99.7 | 100.1 |

|      |      |       |       |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|-------|-------|
| 2009 | 3946 | 100.1 | 98.8  | 100.8 | 100.4 | 99.8  | 99.9  | 100.1 |
| 2010 | 4013 | 100.6 | 99.5  | 100.4 | 100.9 | 100.7 | 100.4 | 100.8 |
| 2011 | 3761 | 100.9 | 99.9  | 100.1 | 101.0 | 101.0 | 100.6 | 101.1 |
| 2012 | 3612 | 101.4 | 99.8  | 100.2 | 101.5 | 101.4 | 101.0 | 101.3 |
| 2013 | 3591 | 102.3 | 100.2 | 100.4 | 102.2 | 101.9 | 101.1 | 101.5 |
| 2014 | 3225 | 103.1 | 100.5 | 100.7 | 102.9 | 102.4 | 101.1 | 101.3 |
| 2015 | 2767 | 103.7 | 101.0 | 100.6 | 103.8 | 103.1 | 101.5 | 101.8 |
| 2016 | 365  | 103.8 | 101.2 | 100.4 | 104.2 | 103.4 | 101.7 | 101.6 |

Tabel: 21 Red-Holstein: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | F     | T     | U     | B     | Bs  | Ext   |
|------|--------|-------|-------|-------|-------|-----|-------|
| 1985 | 23     | 91.1  | 92.1  | 92.7  | 89.6  | 0.0 | 86.8  |
| 1986 | 24     | 92.1  | 93.9  | 94.0  | 90.1  | 0.0 | 88.2  |
| 1987 | 57     | 92.3  | 94.8  | 93.8  | 90.1  | 0.0 | 88.4  |
| 1988 | 112    | 92.8  | 95.3  | 93.4  | 90.8  | 0.0 | 88.7  |
| 1989 | 222    | 93.1  | 95.1  | 93.1  | 91.5  | 0.0 | 89.1  |
| 1990 | 322    | 92.4  | 94.7  | 92.8  | 91.6  | 0.0 | 88.7  |
| 1991 | 471    | 93.2  | 95.4  | 93.5  | 91.2  | 0.0 | 89.2  |
| 1992 | 733    | 93.7  | 95.7  | 94.0  | 91.6  | 0.0 | 89.9  |
| 1993 | 1019   | 94.3  | 96.6  | 94.5  | 92.5  | 0.0 | 90.9  |
| 1994 | 1285   | 95.3  | 97.4  | 93.5  | 91.6  | 0.0 | 90.3  |
| 1995 | 1744   | 95.6  | 97.7  | 93.5  | 91.9  | 0.0 | 90.6  |
| 1996 | 2030   | 96.1  | 98.4  | 94.2  | 93.1  | 0.0 | 91.9  |
| 1997 | 2481   | 96.4  | 98.6  | 94.5  | 93.5  | 0.0 | 92.3  |
| 1998 | 3100   | 96.9  | 99.2  | 94.7  | 94.0  | 0.0 | 93.0  |
| 1999 | 3063   | 96.9  | 99.3  | 95.4  | 94.4  | 0.0 | 93.6  |
| 2000 | 3591   | 97.1  | 99.2  | 96.6  | 95.5  | 0.0 | 94.8  |
| 2001 | 3896   | 97.7  | 99.6  | 96.8  | 95.6  | 0.0 | 95.2  |
| 2002 | 3844   | 98.2  | 99.8  | 97.2  | 95.7  | 0.0 | 95.6  |
| 2003 | 3833   | 98.5  | 100.0 | 97.8  | 95.9  | 0.0 | 96.2  |
| 2004 | 3901   | 98.9  | 100.0 | 97.7  | 95.9  | 0.0 | 96.3  |
| 2005 | 3798   | 99.5  | 99.9  | 97.7  | 96.3  | 0.0 | 96.7  |
| 2006 | 3760   | 99.9  | 100.4 | 98.3  | 97.0  | 0.0 | 97.5  |
| 2007 | 3682   | 99.8  | 100.4 | 98.8  | 97.4  | 0.0 | 98.0  |
| 2008 | 3914   | 99.7  | 100.3 | 99.3  | 97.5  | 0.0 | 98.3  |
| 2009 | 3946   | 100.2 | 100.7 | 99.9  | 98.4  | 0.0 | 99.3  |
| 2010 | 4013   | 100.4 | 100.7 | 100.5 | 99.3  | 0.0 | 100.2 |
| 2011 | 3761   | 100.4 | 100.8 | 100.8 | 100.5 | 0.0 | 101.0 |
| 2012 | 3612   | 100.5 | 100.7 | 101.4 | 101.1 | 0.0 | 101.6 |
| 2013 | 3591   | 100.3 | 100.9 | 102.2 | 101.4 | 0.0 | 102.1 |
| 2014 | 3225   | 100.3 | 101.3 | 103.0 | 101.8 | 0.0 | 102.8 |
| 2015 | 2767   | 100.6 | 101.5 | 103.8 | 102.1 | 0.0 | 103.6 |
| 2016 | 365    | 101.2 | 101.8 | 104.3 | 102.3 | 0.0 | 104.1 |

Tabel: 22 Red-Holstein: Vruchtbaarheidsskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 35     | 104.5 | 110.6 | 113.2 | 112.0 | 105.6 | 101.7 | 85.6 | 113.1 |
| 1981 | 25     | 104.1 | 109.2 | 111.8 | 110.4 | 105.5 | 101.9 | 89.3 | 111.6 |
| 1982 | 15     | 105.0 | 108.3 | 111.7 | 109.7 | 105.8 | 101.8 | 89.1 | 111.1 |
| 1983 | 15     | 103.5 | 108.2 | 110.6 | 108.7 | 104.9 | 101.3 | 88.2 | 109.8 |
| 1984 | 29     | 103.3 | 106.1 | 107.7 | 106.2 | 103.8 | 101.2 | 89.2 | 107.1 |
| 1985 | 44     | 103.4 | 105.9 | 108.4 | 106.8 | 104.5 | 102.0 | 89.7 | 107.8 |

|      |      |       |       |       |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1986 | 61   | 103.8 | 106.3 | 108.8 | 107.2 | 104.9 | 101.9 | 91.2  | 108.3 |
| 1987 | 112  | 103.8 | 105.6 | 107.8 | 106.3 | 104.4 | 101.9 | 90.6  | 107.3 |
| 1988 | 210  | 103.8 | 105.7 | 107.9 | 106.4 | 104.4 | 102.3 | 90.9  | 107.4 |
| 1989 | 387  | 103.7 | 105.3 | 107.5 | 105.9 | 104.1 | 102.1 | 90.9  | 107.0 |
| 1990 | 540  | 103.4 | 105.3 | 107.3 | 105.8 | 103.9 | 102.1 | 91.0  | 106.8 |
| 1991 | 771  | 102.9 | 104.7 | 106.5 | 105.0 | 103.4 | 102.1 | 91.9  | 106.0 |
| 1992 | 1171 | 102.9 | 104.5 | 106.4 | 104.9 | 103.4 | 102.0 | 92.8  | 105.9 |
| 1993 | 1632 | 103.0 | 104.1 | 106.1 | 104.5 | 103.3 | 101.8 | 93.8  | 105.5 |
| 1994 | 2121 | 102.8 | 103.5 | 105.6 | 104.0 | 102.9 | 101.8 | 94.0  | 105.1 |
| 1995 | 2857 | 102.3 | 103.6 | 105.1 | 103.7 | 102.5 | 101.4 | 93.9  | 104.6 |
| 1996 | 3317 | 101.4 | 102.7 | 103.8 | 102.3 | 101.3 | 101.2 | 94.5  | 103.3 |
| 1997 | 4040 | 100.6 | 102.9 | 103.3 | 102.1 | 100.8 | 100.9 | 94.8  | 102.9 |
| 1998 | 5120 | 100.2 | 102.9 | 102.9 | 101.9 | 100.4 | 101.1 | 95.4  | 102.6 |
| 1999 | 5232 | 100.4 | 102.8 | 103.0 | 102.1 | 100.7 | 101.0 | 96.0  | 102.7 |
| 2000 | 5927 | 100.9 | 101.9 | 102.9 | 101.6 | 101.0 | 101.2 | 96.5  | 102.4 |
| 2001 | 6417 | 100.5 | 101.8 | 102.5 | 101.3 | 100.7 | 100.9 | 97.2  | 102.0 |
| 2002 | 6564 | 99.6  | 102.1 | 102.0 | 101.2 | 100.2 | 100.8 | 98.4  | 101.7 |
| 2003 | 6733 | 99.2  | 101.6 | 101.4 | 100.6 | 99.8  | 100.7 | 98.9  | 101.1 |
| 2004 | 6899 | 99.3  | 101.2 | 101.1 | 100.2 | 99.6  | 100.3 | 98.3  | 100.7 |
| 2005 | 6882 | 99.0  | 101.0 | 100.8 | 100.0 | 99.4  | 100.4 | 98.3  | 100.4 |
| 2006 | 6945 | 99.1  | 100.4 | 100.3 | 99.4  | 99.2  | 100.3 | 98.7  | 99.8  |
| 2007 | 6949 | 98.8  | 100.4 | 100.0 | 99.3  | 99.1  | 100.3 | 99.3  | 99.6  |
| 2008 | 7753 | 99.4  | 100.3 | 100.3 | 99.4  | 99.6  | 100.3 | 99.7  | 99.8  |
| 2009 | 7737 | 99.7  | 100.6 | 100.7 | 99.9  | 100.1 | 100.2 | 100.1 | 100.3 |
| 2010 | 7251 | 99.8  | 100.4 | 100.4 | 99.7  | 100.1 | 100.2 | 100.1 | 100.1 |
| 2011 | 7014 | 99.6  | 100.1 | 99.9  | 99.3  | 99.8  | 99.9  | 100.2 | 99.6  |
| 2012 | 6977 | 99.8  | 100.3 | 100.0 | 99.7  | 100.2 | 100.0 | 100.1 | 99.8  |
| 2013 | 6945 | 99.7  | 100.5 | 99.9  | 99.9  | 100.4 | 100.2 | 100.5 | 99.9  |
| 2014 | 6772 | 99.9  | 100.8 | 100.1 | 100.3 | 100.7 | 100.1 | 100.7 | 100.2 |
| 2015 | 6026 | 99.8  | 101.1 | 100.1 | 100.6 | 100.8 | 100.1 | 101.1 | 100.4 |
| 2016 | 1605 | 99.7  | 101.1 | 100.2 | 100.6 | 100.9 | 100.1 | 101.8 | 100.4 |

Tabel: 23 Red-Holstein: Gebruikskkenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | MS    | Kar   | SCC  | SKM   | KM    |
|------|--------|-------|-------|------|-------|-------|
| 1984 | 13     | 99.3  | 99.1  | 99.0 | 101.2 | 102.9 |
| 1985 | 21     | 100.7 | 90.1  | 98.3 | 100.9 | 102.9 |
| 1986 | 23     | 100.3 | 95.0  | 98.8 | 100.8 | 103.0 |
| 1987 | 59     | 99.8  | 97.2  | 98.6 | 100.8 | 102.6 |
| 1988 | 116    | 100.1 | 97.0  | 99.0 | 100.9 | 102.8 |
| 1989 | 214    | 99.8  | 98.0  | 98.5 | 100.4 | 102.3 |
| 1990 | 317    | 100.1 | 97.9  | 98.4 | 100.0 | 102.1 |
| 1991 | 452    | 100.4 | 99.1  | 98.5 | 100.1 | 102.0 |
| 1992 | 719    | 101.7 | 100.5 | 98.4 | 99.9  | 101.5 |
| 1993 | 986    | 101.6 | 100.5 | 98.2 | 99.5  | 101.3 |
| 1994 | 1252   | 102.2 | 100.3 | 98.2 | 99.3  | 101.2 |
| 1995 | 1728   | 101.8 | 100.3 | 98.2 | 99.2  | 100.8 |
| 1996 | 1988   | 101.4 | 100.1 | 98.3 | 98.9  | 100.8 |
| 1997 | 2425   | 101.5 | 100.2 | 98.2 | 98.6  | 100.3 |
| 1998 | 3035   | 101.3 | 100.0 | 98.1 | 98.4  | 99.7  |
| 1999 | 2993   | 100.7 | 99.9  | 98.1 | 98.2  | 99.2  |
| 2000 | 3540   | 100.7 | 99.9  | 98.9 | 99.4  | 100.4 |
| 2001 | 3881   | 100.9 | 99.7  | 98.7 | 99.0  | 99.9  |
| 2002 | 3849   | 100.8 | 99.2  | 98.1 | 98.2  | 99.2  |
| 2003 | 3852   | 101.0 | 99.4  | 98.2 | 98.1  | 99.1  |
| 2004 | 3896   | 101.1 | 99.3  | 98.2 | 98.1  | 98.7  |
| 2005 | 3786   | 101.5 | 99.4  | 98.5 | 98.1  | 98.7  |
| 2006 | 3747   | 101.7 | 100.0 | 98.7 | 98.4  | 98.9  |
| 2007 | 3659   | 101.7 | 100.0 | 98.8 | 98.3  | 98.9  |

|      |      |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|
| 2008 | 3886 | 101.3 | 100.1 | 99.2  | 98.6  | 99.0  |
| 2009 | 3892 | 100.6 | 100.3 | 99.8  | 99.3  | 99.9  |
| 2010 | 3947 | 100.5 | 100.4 | 100.1 | 99.5  | 99.8  |
| 2011 | 3696 | 100.5 | 100.4 | 100.7 | 99.9  | 99.9  |
| 2012 | 3564 | 100.4 | 100.7 | 101.3 | 100.3 | 100.2 |
| 2013 | 3493 | 100.8 | 101.1 | 101.8 | 100.7 | 100.4 |
| 2014 | 3126 | 101.0 | 101.6 | 102.2 | 100.9 | 100.4 |
| 2015 | 2710 | 100.8 | 101.2 | 102.7 | 101.4 | 100.7 |
| 2016 | 356  | 101.2 | 100.8 | 103.3 | 101.9 | 101.2 |

Tabel: 24 Red-Holstein: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B     | Gin   |
|------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 1983 | 10     | -202.4 | -559.0 | -130.8 | 104.3 | 109.8 | 90.0  | 89.4  | 100.2 |
| 1984 | 21     | -190.1 | -471.5 | -158.3 | 102.5 | 107.1 | 92.0  | 90.2  | 98.4  |
| 1985 | 37     | -173.2 | -485.9 | -155.6 | 102.4 | 107.8 | 92.7  | 89.6  | 99.6  |
| 1986 | 43     | -163.8 | -460.5 | -181.9 | 102.4 | 108.3 | 94.0  | 90.1  | 99.3  |
| 1987 | 102    | -175.7 | -465.8 | -212.5 | 102.1 | 107.3 | 93.8  | 90.1  | 99.4  |
| 1988 | 209    | -175.6 | -462.5 | -216.1 | 102.2 | 107.4 | 93.4  | 90.8  | 99.2  |
| 1989 | 381    | -175.8 | -450.8 | -229.0 | 101.7 | 107.0 | 93.1  | 91.5  | 99.3  |
| 1990 | 531    | -174.7 | -446.1 | -221.2 | 101.4 | 106.8 | 92.8  | 91.6  | 99.0  |
| 1991 | 766    | -170.6 | -412.9 | -227.1 | 101.3 | 106.0 | 93.5  | 91.2  | 98.8  |
| 1992 | 1162   | -165.4 | -402.1 | -196.6 | 100.9 | 105.9 | 94.0  | 91.6  | 99.2  |
| 1993 | 1614   | -167.4 | -395.3 | -214.7 | 100.7 | 105.5 | 94.5  | 92.5  | 99.4  |
| 1994 | 2104   | -159.9 | -347.5 | -242.0 | 100.4 | 105.1 | 93.5  | 91.6  | 99.2  |
| 1995 | 2837   | -155.7 | -332.8 | -210.8 | 100.2 | 104.6 | 93.5  | 91.9  | 99.6  |
| 1996 | 3274   | -152.3 | -307.8 | -214.8 | 100.0 | 103.3 | 94.2  | 93.1  | 99.5  |
| 1997 | 3997   | -148.4 | -286.7 | -215.6 | 99.6  | 102.9 | 94.5  | 93.5  | 99.4  |
| 1998 | 5044   | -147.5 | -267.9 | -240.3 | 99.0  | 102.6 | 94.7  | 94.0  | 99.4  |
| 1999 | 5135   | -136.2 | -251.4 | -219.1 | 98.6  | 102.7 | 95.4  | 94.4  | 100.0 |
| 2000 | 5813   | -106.5 | -219.8 | -106.4 | 99.9  | 102.4 | 96.6  | 95.5  | 99.7  |
| 2001 | 6257   | -104.7 | -199.2 | -107.3 | 99.4  | 102.0 | 96.8  | 95.6  | 99.6  |
| 2002 | 6322   | -101.1 | -169.7 | -127.2 | 98.6  | 101.7 | 97.2  | 95.7  | 99.4  |
| 2003 | 6396   | -93.1  | -149.4 | -101.5 | 98.6  | 101.1 | 97.8  | 95.9  | 99.2  |
| 2004 | 6559   | -87.9  | -120.8 | -125.1 | 98.3  | 100.7 | 97.7  | 95.9  | 98.8  |
| 2005 | 6523   | -74.8  | -92.9  | -108.3 | 98.2  | 100.4 | 97.7  | 96.3  | 98.9  |
| 2006 | 6528   | -62.9  | -73.2  | -56.4  | 98.5  | 99.8  | 98.3  | 97.0  | 99.1  |
| 2007 | 6487   | -53.9  | -60.6  | -29.4  | 98.5  | 99.6  | 98.8  | 97.4  | 98.8  |
| 2008 | 6966   | -39.7  | -43.1  | 6.0    | 98.7  | 99.8  | 99.3  | 97.5  | 99.2  |
| 2009 | 6773   | -27.2  | -45.6  | 38.1   | 99.6  | 100.3 | 99.9  | 98.4  | 99.2  |
| 2010 | 6661   | -15.0  | -26.8  | 48.3   | 99.7  | 100.1 | 100.5 | 99.3  | 99.3  |
| 2011 | 6173   | 2.8    | 2.6    | 70.1   | 99.9  | 99.6  | 100.8 | 100.5 | 99.5  |
| 2012 | 5831   | 19.8   | 15.7   | 107.1  | 100.3 | 99.8  | 101.4 | 101.1 | 99.8  |
| 2013 | 5763   | 34.9   | 32.3   | 143.7  | 100.6 | 99.9  | 102.2 | 101.4 | 100.1 |
| 2014 | 5553   | 49.9   | 49.7   | 170.2  | 100.7 | 100.2 | 103.0 | 101.8 | 100.6 |
| 2015 | 4989   | 65.3   | 64.5   | 197.4  | 101.1 | 100.4 | 103.8 | 102.1 | 101.0 |
| 2016 | 1132   | 73.8   | 69.0   | 236.1  | 101.7 | 100.4 | 104.3 | 102.3 | 101.4 |

Tabel: 25 Red-Holstein: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Kgh  | Bv   | Mo   | Sp   | Zz   | Ty   | Wld  |
|------|--------|------|------|------|------|------|------|------|
| 1987 | 11     | 94.9 | 94.8 | 99.4 | 97.4 | 93.7 | 98.7 | 95.8 |
| 1989 | 12     | 95.6 | 95.6 | 99.4 | 97.8 | 95.1 | 98.1 | 96.5 |
| 1990 | 13     | 95.3 | 95.2 | 98.9 | 98.3 | 93.8 | 98.9 | 96.5 |

|      |     |       |       |       |       |       |       |       |
|------|-----|-------|-------|-------|-------|-------|-------|-------|
| 1991 | 33  | 94.3  | 95.0  | 97.9  | 96.3  | 95.2  | 97.6  | 97.2  |
| 1992 | 18  | 94.4  | 94.3  | 98.8  | 96.9  | 93.8  | 97.9  | 96.5  |
| 1993 | 41  | 95.5  | 96.0  | 98.7  | 97.4  | 95.8  | 98.2  | 96.8  |
| 1994 | 58  | 95.7  | 96.7  | 99.3  | 96.2  | 96.3  | 99.1  | 96.7  |
| 1995 | 53  | 95.1  | 95.9  | 98.9  | 96.0  | 95.3  | 99.3  | 96.5  |
| 1996 | 89  | 95.7  | 95.6  | 99.3  | 97.3  | 95.1  | 99.4  | 96.2  |
| 1997 | 103 | 96.1  | 95.9  | 99.8  | 98.3  | 94.9  | 98.7  | 95.9  |
| 1998 | 155 | 96.1  | 96.6  | 99.6  | 97.7  | 95.2  | 97.8  | 96.2  |
| 1999 | 154 | 96.8  | 96.8  | 100.3 | 98.2  | 95.3  | 99.0  | 96.2  |
| 2000 | 226 | 96.7  | 97.8  | 99.2  | 97.7  | 96.3  | 99.2  | 96.5  |
| 2001 | 270 | 96.2  | 97.5  | 98.9  | 97.0  | 96.5  | 99.0  | 96.6  |
| 2002 | 327 | 96.3  | 97.1  | 99.1  | 97.8  | 95.8  | 99.3  | 96.1  |
| 2003 | 369 | 96.8  | 98.0  | 98.9  | 97.9  | 96.5  | 99.1  | 96.7  |
| 2004 | 402 | 97.2  | 98.6  | 98.9  | 98.0  | 97.2  | 98.9  | 97.3  |
| 2005 | 430 | 98.1  | 99.0  | 99.9  | 98.6  | 97.4  | 99.5  | 97.4  |
| 2006 | 505 | 98.0  | 99.2  | 99.3  | 98.3  | 97.9  | 99.5  | 98.1  |
| 2007 | 408 | 98.1  | 99.4  | 99.1  | 98.6  | 98.2  | 99.6  | 98.4  |
| 2008 | 519 | 98.3  | 99.6  | 98.7  | 98.7  | 98.6  | 99.8  | 99.1  |
| 2009 | 491 | 98.8  | 99.7  | 99.2  | 99.2  | 98.9  | 100.0 | 99.1  |
| 2010 | 492 | 99.3  | 100.1 | 99.3  | 99.6  | 99.7  | 100.3 | 99.0  |
| 2011 | 429 | 99.6  | 100.5 | 99.2  | 99.8  | 100.0 | 100.4 | 99.2  |
| 2012 | 376 | 100.3 | 100.9 | 99.8  | 100.2 | 100.4 | 101.2 | 99.5  |
| 2013 | 412 | 101.1 | 101.6 | 100.1 | 100.6 | 101.0 | 101.7 | 100.1 |
| 2014 | 325 | 100.9 | 101.5 | 99.9  | 100.3 | 101.1 | 101.9 | 100.0 |
| 2015 | 269 | 101.6 | 101.9 | 100.4 | 100.9 | 101.5 | 102.4 | 100.1 |
| 2016 | 36  | 101.8 | 102.1 | 100.4 | 101.0 | 101.5 | 102.6 | 100.4 |

Tabel: 26 Red-Holstein: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LVg   | LVa   | LVg1  | LVa1  | LVg2  | LVa2  |
|------|--------|-------|-------|-------|-------|-------|-------|
| 1985 | 10     | 96.9  | 102.2 | 96.9  | 102.2 | 98.1  | 100.7 |
| 1986 | 12     | 95.1  | 101.2 | 95.1  | 101.2 | 96.2  | 99.2  |
| 1987 | 20     | 95.9  | 101.6 | 95.9  | 101.6 | 96.4  | 99.7  |
| 1988 | 19     | 95.7  | 101.4 | 95.7  | 101.4 | 96.4  | 98.4  |
| 1989 | 28     | 95.4  | 101.7 | 95.4  | 101.7 | 96.5  | 99.0  |
| 1990 | 39     | 95.7  | 101.6 | 95.7  | 101.6 | 96.3  | 99.9  |
| 1991 | 56     | 95.8  | 101.6 | 95.8  | 101.6 | 97.4  | 99.3  |
| 1992 | 47     | 95.6  | 101.3 | 95.6  | 101.3 | 96.9  | 99.4  |
| 1993 | 74     | 96.1  | 101.4 | 96.1  | 101.4 | 97.4  | 99.1  |
| 1994 | 100    | 95.5  | 101.8 | 95.5  | 101.8 | 97.5  | 99.2  |
| 1995 | 107    | 95.6  | 101.5 | 95.6  | 101.5 | 97.1  | 98.7  |
| 1996 | 142    | 96.1  | 101.3 | 96.1  | 101.3 | 96.9  | 98.9  |
| 1997 | 166    | 96.6  | 101.5 | 96.6  | 101.5 | 97.8  | 99.2  |
| 1998 | 224    | 96.6  | 101.7 | 96.6  | 101.7 | 97.5  | 99.2  |
| 1999 | 238    | 96.8  | 102.1 | 96.8  | 102.1 | 97.6  | 99.8  |
| 2000 | 315    | 97.4  | 101.2 | 97.4  | 101.2 | 98.1  | 100.2 |
| 2001 | 381    | 97.1  | 101.1 | 97.1  | 101.1 | 97.7  | 100.3 |
| 2002 | 423    | 97.2  | 100.8 | 97.2  | 100.8 | 97.7  | 100.1 |
| 2003 | 502    | 97.3  | 100.7 | 97.3  | 100.7 | 97.8  | 100.3 |
| 2004 | 578    | 97.4  | 100.2 | 97.4  | 100.2 | 98.1  | 99.9  |
| 2005 | 588    | 97.6  | 100.3 | 97.6  | 100.3 | 98.5  | 100.1 |
| 2006 | 645    | 98.0  | 100.1 | 98.0  | 100.1 | 98.8  | 100.1 |
| 2007 | 577    | 98.0  | 100.0 | 98.0  | 100.0 | 98.8  | 99.8  |
| 2008 | 692    | 98.5  | 99.7  | 98.5  | 99.7  | 99.5  | 99.7  |
| 2009 | 691    | 98.3  | 99.9  | 98.3  | 99.9  | 99.6  | 99.9  |
| 2010 | 632    | 98.7  | 100.1 | 98.7  | 100.1 | 100.3 | 100.1 |
| 2011 | 575    | 99.2  | 99.8  | 99.2  | 99.8  | 101.0 | 100.0 |
| 2012 | 475    | 99.5  | 100.2 | 99.5  | 100.2 | 101.2 | 100.4 |
| 2013 | 478    | 100.0 | 100.2 | 100.0 | 100.2 | 101.7 | 100.5 |



|      |     |       |       |       |       |       |       |
|------|-----|-------|-------|-------|-------|-------|-------|
| 2014 | 360 | 99.8  | 100.7 | 99.8  | 100.7 | 102.0 | 100.4 |
| 2015 | 344 | 99.7  | 101.2 | 99.7  | 101.2 | 102.0 | 100.5 |
| 2016 | 155 | 99.9  | 101.2 | 99.9  | 101.2 | 102.4 | 100.8 |
| 2017 | 88  | 100.0 | 102.3 | 100.0 | 102.3 | 103.3 | 101.1 |

Tabel: 27 Red-Holstein: Geboortekkenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw   | Afk   | MDt  | MGw   |
|------|--------|-------|-------|-------|-------|------|-------|
| 1984 | 19     | 96.9  | 104.7 | 103.2 | 98.7  | 97.8 | 102.2 |
| 1985 | 23     | 100.8 | 102.6 | 99.1  | 99.8  | 98.2 | 100.3 |
| 1986 | 31     | 99.9  | 102.4 | 99.9  | 98.7  | 98.1 | 101.0 |
| 1987 | 62     | 98.4  | 103.9 | 101.7 | 99.1  | 98.5 | 102.2 |
| 1988 | 124    | 98.7  | 103.4 | 101.5 | 96.6  | 95.6 | 99.8  |
| 1989 | 216    | 98.3  | 103.8 | 101.8 | 98.1  | 97.6 | 101.8 |
| 1990 | 316    | 98.4  | 104.0 | 101.6 | 98.1  | 98.8 | 102.7 |
| 1991 | 396    | 97.9  | 103.8 | 102.2 | 97.6  | 98.2 | 101.5 |
| 1992 | 546    | 97.6  | 103.4 | 102.3 | 98.0  | 97.7 | 99.5  |
| 1993 | 702    | 97.6  | 103.3 | 102.5 | 99.5  | 98.6 | 99.6  |
| 1994 | 759    | 97.1  | 103.2 | 102.9 | 99.6  | 98.2 | 100.0 |
| 1995 | 987    | 97.8  | 103.4 | 102.2 | 100.1 | 98.2 | 98.5  |
| 1996 | 1121   | 97.7  | 104.0 | 102.5 | 99.6  | 98.5 | 99.1  |
| 1997 | 1412   | 97.8  | 104.2 | 102.4 | 99.6  | 99.0 | 99.3  |
| 1998 | 1806   | 97.4  | 104.0 | 102.7 | 99.3  | 99.5 | 99.8  |
| 1999 | 1774   | 97.7  | 103.1 | 102.4 | 99.8  | 98.9 | 99.4  |
| 2000 | 2427   | 97.9  | 102.3 | 102.1 | 100.1 | 98.1 | 98.7  |
| 2001 | 2754   | 97.4  | 102.4 | 102.7 | 100.3 | 98.1 | 99.1  |
| 2002 | 2772   | 96.8  | 102.9 | 103.2 | 100.4 | 98.6 | 99.4  |
| 2003 | 3023   | 96.6  | 102.6 | 103.4 | 100.4 | 98.9 | 99.3  |
| 2004 | 3248   | 96.5  | 102.5 | 103.5 | 100.5 | 99.0 | 99.7  |
| 2005 | 3118   | 96.8  | 102.2 | 103.3 | 101.2 | 99.2 | 99.6  |
| 2006 | 3134   | 97.0  | 102.0 | 103.3 | 100.9 | 99.1 | 99.6  |
| 2007 | 3464   | 97.6  | 101.9 | 102.7 | 100.4 | 99.3 | 100.0 |
| 2008 | 3266   | 98.0  | 101.7 | 102.4 | 100.7 | 99.2 | 99.9  |
| 2009 | 4049   | 97.9  | 101.4 | 102.5 | 101.1 | 99.1 | 99.8  |
| 2010 | 4246   | 98.0  | 101.1 | 102.5 | 101.2 | 99.0 | 99.8  |
| 2011 | 4049   | 98.3  | 101.1 | 102.3 | 101.0 | 99.1 | 100.1 |
| 2012 | 3859   | 98.6  | 100.7 | 102.0 | 101.0 | 99.0 | 100.1 |
| 2013 | 3817   | 99.1  | 100.6 | 101.5 | 101.1 | 99.2 | 100.4 |
| 2014 | 3641   | 99.2  | 100.2 | 101.3 | 101.5 | 99.1 | 100.5 |
| 2015 | 3352   | 99.4  | 100.0 | 101.1 | 101.9 | 98.8 | 100.7 |
| 2016 | 2850   | 99.8  | 99.9  | 100.7 | 102.2 | 99.1 | 101.0 |
| 2017 | 2308   | 100.3 | 99.7  | 100.2 | 102.4 | 99.3 | 101.0 |
| 2018 | 918    | 100.4 | 99.4  | 100.2 | 102.9 | 99.6 | 101.1 |

Tabel: 28 Red-Holstein: Vleeskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1984 | 12     | 102.7 | 105.8 | 97.8  | 101.6 | 103.9 | 99.2  | 102.8 | 98.0 | 105.2 | 98.8  | 101.8 |
| 1985 | 15     | 102.7 | 106.7 | 95.1  | 100.8 | 104.7 | 97.5  | 103.1 | 97.3 | 104.7 | 97.4  | 100.3 |
| 1986 | 17     | 103.9 | 106.7 | 95.9  | 101.6 | 105.2 | 97.8  | 103.9 | 98.0 | 105.2 | 98.8  | 101.9 |
| 1987 | 38     | 104.5 | 106.3 | 97.2  | 101.9 | 104.8 | 97.9  | 105.1 | 97.5 | 104.9 | 98.8  | 103.4 |
| 1988 | 65     | 105.0 | 107.6 | 96.1  | 102.1 | 105.8 | 97.6  | 105.1 | 98.3 | 106.3 | 98.0  | 104.2 |
| 1989 | 101    | 105.4 | 107.8 | 96.4  | 102.6 | 106.4 | 98.0  | 105.6 | 97.7 | 106.5 | 98.5  | 104.3 |
| 1990 | 125    | 104.9 | 106.9 | 96.8  | 101.9 | 105.8 | 97.8  | 105.1 | 97.9 | 106.3 | 98.6  | 103.9 |

|      |      |       |       |       |       |       |       |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1991 | 203  | 104.3 | 105.9 | 97.5  | 101.6 | 104.6 | 98.2  | 104.5 | 98.4  | 105.6 | 98.7  | 103.5 |
| 1992 | 310  | 104.3 | 105.9 | 97.3  | 101.5 | 104.8 | 98.5  | 104.5 | 98.4  | 105.6 | 98.7  | 103.4 |
| 1993 | 437  | 104.6 | 105.7 | 97.6  | 101.8 | 104.9 | 98.4  | 104.6 | 98.6  | 105.7 | 99.0  | 103.6 |
| 1994 | 568  | 104.5 | 106.2 | 97.4  | 102.3 | 104.5 | 98.8  | 104.2 | 99.0  | 106.1 | 98.9  | 104.6 |
| 1995 | 789  | 104.0 | 105.5 | 98.4  | 101.7 | 104.0 | 99.3  | 103.8 | 99.1  | 105.5 | 99.5  | 103.8 |
| 1996 | 1042 | 103.6 | 105.1 | 98.9  | 101.7 | 103.5 | 99.6  | 103.6 | 98.5  | 105.5 | 99.5  | 103.8 |
| 1997 | 1396 | 103.3 | 104.9 | 98.6  | 101.5 | 103.3 | 99.5  | 103.1 | 99.0  | 105.1 | 99.2  | 103.2 |
| 1998 | 1913 | 102.9 | 104.0 | 98.7  | 101.4 | 102.4 | 99.2  | 102.9 | 99.2  | 104.2 | 98.7  | 103.0 |
| 1999 | 2201 | 102.5 | 103.9 | 98.5  | 101.5 | 102.1 | 99.3  | 102.6 | 99.0  | 103.9 | 98.8  | 102.8 |
| 2000 | 3038 | 102.4 | 103.1 | 98.7  | 101.1 | 101.8 | 99.8  | 102.0 | 99.9  | 103.5 | 99.1  | 102.2 |
| 2001 | 3722 | 102.3 | 102.7 | 99.5  | 101.1 | 101.5 | 100.0 | 101.9 | 100.0 | 103.1 | 99.6  | 102.3 |
| 2002 | 4300 | 102.6 | 102.2 | 100.0 | 101.3 | 101.4 | 99.9  | 102.4 | 100.2 | 102.6 | 99.9  | 102.3 |
| 2003 | 4867 | 102.4 | 101.6 | 100.4 | 100.9 | 101.1 | 99.9  | 102.3 | 100.2 | 102.1 | 99.9  | 101.8 |
| 2004 | 4990 | 102.3 | 101.0 | 100.5 | 100.7 | 101.1 | 99.7  | 102.1 | 100.4 | 101.8 | 99.5  | 101.9 |
| 2005 | 5017 | 102.1 | 100.4 | 101.0 | 100.3 | 101.0 | 99.7  | 101.8 | 100.3 | 101.6 | 99.4  | 101.9 |
| 2006 | 5191 | 101.8 | 99.9  | 101.1 | 100.0 | 100.5 | 99.8  | 101.6 | 100.3 | 101.1 | 99.7  | 101.4 |
| 2007 | 5428 | 101.1 | 99.7  | 101.0 | 99.7  | 100.0 | 100.2 | 101.2 | 99.9  | 100.6 | 100.0 | 100.7 |
| 2008 | 6022 | 101.0 | 99.5  | 101.0 | 99.4  | 99.9  | 100.2 | 101.0 | 100.0 | 100.5 | 100.2 | 100.4 |
| 2009 | 5919 | 100.7 | 99.9  | 100.3 | 100.1 | 99.7  | 100.4 | 101.0 | 99.2  | 100.4 | 100.1 | 100.6 |
| 2010 | 5548 | 100.6 | 99.3  | 100.6 | 99.6  | 99.6  | 100.2 | 100.8 | 99.4  | 100.2 | 100.0 | 100.3 |
| 2011 | 4678 | 100.4 | 98.7  | 100.8 | 99.1  | 99.5  | 100.0 | 100.6 | 99.5  | 99.9  | 100.0 | 100.0 |
| 2012 | 3633 | 100.5 | 98.6  | 100.9 | 98.9  | 99.7  | 100.1 | 100.7 | 99.4  | 100.1 | 100.1 | 100.1 |
| 2013 | 2682 | 100.4 | 98.2  | 101.3 | 98.6  | 99.6  | 100.1 | 100.8 | 99.1  | 100.0 | 100.5 | 99.9  |
| 2014 | 1488 | 100.4 | 97.7  | 101.8 | 98.6  | 99.6  | 100.2 | 100.9 | 98.9  | 99.6  | 100.7 | 99.9  |
| 2015 | 620  | 99.9  | 97.3  | 102.0 | 98.2  | 99.1  | 100.4 | 100.5 | 98.6  | 99.2  | 100.8 | 99.6  |
| 2016 | 62   | 99.8  | 96.9  | 102.3 | 98.3  | 98.6  | 100.6 | 100.7 | 98.5  | 98.9  | 100.7 | 99.9  |

Tabel: 29 Red-Holstein: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1986 | 11     | 99.5  | 100.0 | 100.0 |
| 1987 | 20     | 99.0  | 99.5  | 98.8  |
| 1988 | 17     | 99.5  | 99.9  | 99.9  |
| 1989 | 27     | 98.8  | 99.6  | 98.9  |
| 1990 | 32     | 98.4  | 99.3  | 98.8  |
| 1991 | 48     | 98.8  | 99.4  | 99.2  |
| 1992 | 37     | 98.3  | 99.3  | 99.1  |
| 1993 | 51     | 98.7  | 99.8  | 98.8  |
| 1994 | 65     | 99.0  | 100.1 | 99.1  |
| 1995 | 70     | 98.8  | 99.7  | 98.4  |
| 1996 | 86     | 99.3  | 100.2 | 98.2  |
| 1997 | 105    | 98.8  | 99.7  | 98.7  |
| 1998 | 134    | 99.5  | 100.2 | 99.7  |
| 1999 | 131    | 99.7  | 100.4 | 99.8  |
| 2000 | 199    | 99.2  | 100.1 | 99.5  |
| 2001 | 222    | 99.7  | 100.2 | 99.8  |
| 2002 | 271    | 99.5  | 100.4 | 99.6  |
| 2003 | 325    | 99.8  | 100.4 | 99.6  |
| 2004 | 398    | 100.3 | 100.7 | 100.0 |
| 2005 | 405    | 100.3 | 100.6 | 99.9  |
| 2006 | 412    | 100.4 | 100.7 | 99.7  |
| 2007 | 378    | 100.5 | 100.7 | 99.9  |
| 2008 | 461    | 100.3 | 100.6 | 99.7  |
| 2009 | 414    | 100.3 | 100.1 | 100.3 |
| 2010 | 377    | 100.0 | 99.9  | 99.6  |
| 2011 | 374    | 100.4 | 100.3 | 100.0 |
| 2012 | 246    | 100.9 | 101.0 | 100.2 |
| 2013 | 233    | 101.1 | 100.6 | 100.6 |
| 2014 | 155    | 100.4 | 100.1 | 100.4 |

|      |     |       |       |       |
|------|-----|-------|-------|-------|
| 2015 | 177 | 100.7 | 100.9 | 99.9  |
| 2016 | 156 | 101.3 | 100.9 | 100.8 |
| 2017 | 101 | 101.6 | 101.2 | 100.1 |

Tabel: 30 Red-Holstein: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2001 | 6259   | -1516.2 | -6237.7 | -231.9 | -230.2 |
| 2002 | 6319   | -1527.8 | -6230.4 | -237.0 | -230.5 |
| 2003 | 6365   | -1306.7 | -5341.2 | -199.9 | -198.6 |
| 2004 | 6525   | -1351.6 | -5520.0 | -208.4 | -204.6 |
| 2005 | 6462   | -1151.9 | -4507.6 | -182.6 | -172.5 |
| 2006 | 6471   | -779.6  | -2878.8 | -124.8 | -116.7 |
| 2007 | 6438   | -575.6  | -2240.1 | -87.0  | -88.5  |
| 2008 | 6900   | -290.3  | -1171.4 | -40.5  | -46.2  |
| 2009 | 6804   | -97.8   | -292.6  | -11.6  | -17.0  |
| 2010 | 6769   | 42.7    | 197.1   | 10.1   | 4.5    |
| 2011 | 6268   | 294.6   | 1147.6  | 54.0   | 40.3   |
| 2012 | 6077   | 590.9   | 2293.3  | 104.6  | 82.8   |
| 2013 | 5990   | 903.7   | 3479.2  | 159.1  | 127.3  |
| 2014 | 5810   | 1166.1  | 4551.2  | 204.0  | 164.6  |
| 2015 | 5249   | 1414.9  | 5503.0  | 245.1  | 201.1  |
| 2016 | 1803   | 1806.2  | 7220.1  | 309.4  | 257.9  |
| 2017 | 796    | 2344.0  | 9421.2  | 396.1  | 337.2  |
| 2018 | 338    | 2725.7  | 10917.1 | 458.5  | 393.3  |

Tabel: 31 Red-Holstein: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Eff   | Int   | Gewen |
|------|--------|-------|-------|-------|
| 1987 | 14     | 101.9 | 96.6  | 100.8 |
| 1988 | 11     | 101.7 | 95.7  | 101.4 |
| 1989 | 20     | 101.5 | 96.8  | 101.1 |
| 1990 | 22     | 101.5 | 97.9  | 101.0 |
| 1991 | 35     | 100.7 | 97.9  | 101.4 |
| 1992 | 35     | 102.1 | 97.3  | 101.5 |
| 1993 | 55     | 102.1 | 97.4  | 101.6 |
| 1994 | 88     | 102.1 | 95.2  | 101.9 |
| 1995 | 90     | 101.7 | 96.3  | 101.7 |
| 1996 | 124    | 102.2 | 96.1  | 101.7 |
| 1997 | 131    | 101.8 | 96.3  | 101.5 |
| 1998 | 205    | 101.6 | 95.9  | 101.7 |
| 1999 | 168    | 101.3 | 96.8  | 101.4 |
| 2000 | 247    | 100.9 | 97.3  | 101.0 |
| 2001 | 312    | 101.6 | 97.3  | 100.7 |
| 2002 | 323    | 101.5 | 97.7  | 100.8 |
| 2003 | 371    | 101.4 | 98.1  | 100.9 |
| 2004 | 386    | 101.6 | 99.0  | 100.8 |
| 2005 | 404    | 102.2 | 98.9  | 100.6 |
| 2006 | 452    | 102.2 | 99.8  | 100.1 |
| 2007 | 412    | 102.1 | 100.1 | 100.0 |
| 2008 | 558    | 101.5 | 100.4 | 100.0 |
| 2009 | 543    | 101.0 | 100.5 | 100.4 |
| 2010 | 636    | 100.9 | 101.2 | 100.1 |
| 2011 | 633    | 101.1 | 102.4 | 99.6  |

|      |     |       |       |      |
|------|-----|-------|-------|------|
| 2012 | 617 | 101.0 | 103.4 | 99.4 |
| 2013 | 686 | 101.1 | 104.4 | 99.4 |
| 2014 | 646 | 101.2 | 105.3 | 99.6 |
| 2015 | 674 | 101.3 | 104.8 | 99.6 |
| 2016 | 192 | 101.4 | 104.6 | 99.5 |

Tabel: 32 Red-Holstein: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew   |
|------|--------|-------|------|--------|-------|--------|-------|
| 1983 | 10     | 97.6  | 97.2 | 0      | 0.0   | 0      | 0.0   |
| 1984 | 21     | 98.7  | 97.4 | 1      | -2.5  | 0      | 0.0   |
| 1985 | 37     | 97.1  | 95.9 | 35     | -4.9  | 0      | 0.0   |
| 1986 | 43     | 96.1  | 96.7 | 43     | -4.4  | 0      | 0.0   |
| 1987 | 102    | 96.5  | 96.7 | 101    | -4.2  | 0      | 0.0   |
| 1988 | 209    | 95.6  | 96.2 | 206    | -4.1  | 0      | 0.0   |
| 1989 | 381    | 96.1  | 96.2 | 383    | -3.9  | 0      | 0.0   |
| 1990 | 531    | 96.3  | 96.5 | 527    | -4.0  | 0      | 0.0   |
| 1991 | 766    | 96.0  | 96.3 | 765    | -3.7  | 0      | 0.0   |
| 1992 | 1163   | 96.0  | 96.4 | 1161   | -3.5  | 0      | 0.0   |
| 1993 | 1614   | 95.4  | 96.1 | 1609   | -3.4  | 0      | 0.0   |
| 1994 | 2106   | 95.1  | 96.5 | 2103   | -2.9  | 0      | 0.0   |
| 1995 | 2837   | 96.0  | 96.6 | 2828   | -2.8  | 0      | 0.0   |
| 1996 | 3275   | 96.0  | 96.1 | 3275   | -2.6  | 0      | 0.0   |
| 1997 | 3998   | 96.0  | 96.0 | 3995   | -2.4  | 0      | 0.0   |
| 1998 | 5044   | 95.8  | 95.9 | 5045   | -2.1  | 0      | 0.0   |
| 1999 | 5136   | 96.1  | 96.4 | 5144   | -2.0  | 0      | 0.0   |
| 2000 | 5813   | 96.9  | 97.1 | 5816   | -1.7  | 0      | 0.0   |
| 2001 | 6257   | 97.3  | 97.2 | 6254   | -1.5  | 3896   | 98.9  |
| 2002 | 6322   | 96.9  | 96.7 | 6316   | -1.2  | 3844   | 99.1  |
| 2003 | 6398   | 97.0  | 96.5 | 6388   | -1.0  | 3833   | 99.3  |
| 2004 | 6560   | 97.1  | 96.4 | 6553   | -0.8  | 3901   | 99.2  |
| 2005 | 6523   | 97.8  | 96.5 | 6524   | -0.6  | 3798   | 99.3  |
| 2006 | 6528   | 98.5  | 97.1 | 6523   | -0.4  | 3760   | 99.9  |
| 2007 | 6489   | 98.7  | 97.3 | 6489   | -0.4  | 3681   | 99.8  |
| 2008 | 6967   | 98.8  | 97.9 | 6981   | -0.3  | 3914   | 99.9  |
| 2009 | 6773   | 98.8  | 98.3 | 6887   | -0.1  | 3945   | 100.7 |
| 2010 | 6662   | 98.9  | 98.1 | 6823   | -0.0  | 4012   | 100.7 |
| 2011 | 6174   | 99.5  | 98.3 | 6338   | 0.2   | 3758   | 100.6 |
| 2012 | 5831   | 99.7  | 98.7 | 6123   | 0.3   | 3612   | 100.5 |
| 2013 | 5764   | 100.2 | 98.9 | 6060   | 0.4   | 3590   | 100.6 |
| 2014 | 5553   | 100.9 | 99.0 | 5869   | 0.5   | 3224   | 101.0 |
| 2015 | 4989   | 101.4 | 99.4 | 5312   | 0.7   | 2766   | 101.3 |
| 2016 | 1132   | 101.5 | 99.6 | 1797   | 0.8   | 365    | 101.9 |
| 2017 | 0      | 0.0   | 0.0  | 801    | 1.0   | 0      | 0.0   |
| 2018 | 0      | 0.0   | 0.0  | 349    | 1.2   | 0      | 0.0   |

Tabel: 33 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL    | %V   | %E   | %L  | INET   |
|------|--------|---------|-------|-------|--------|------|------|-----|--------|
| 1980 | 105    | -2813.4 | -97.4 | -92.1 | -127.8 | 38.0 | 10.4 | 0.8 | -620.6 |
| 1981 | 170    | -2823.4 | -96.3 | -92.6 | -128.2 | 40.5 | 10.2 | 0.9 | -620.7 |
| 1982 | 234    | -2806.2 | -94.9 | -92.5 | -127.5 | 41.8 | 9.5  | 0.8 | -616.8 |
| 1983 | 407    | -2779.0 | -94.3 | -92.5 | -126.3 | 40.5 | 7.8  | 0.8 | -615.4 |
| 1984 | 449    | -2700.5 | -89.0 | -89.9 | -122.7 | 43.4 | 7.6  | 0.8 | -592.3 |

|      |     |         |       |       |        |      |      |      |        |
|------|-----|---------|-------|-------|--------|------|------|------|--------|
| 1985 | 526 | -2764.2 | -88.4 | -90.9 | -125.6 | 49.7 | 9.8  | 0.8  | -596.1 |
| 1986 | 565 | -2621.5 | -81.2 | -85.7 | -119.1 | 50.6 | 10.1 | 0.8  | -557.6 |
| 1987 | 642 | -2498.7 | -79.1 | -81.9 | -113.5 | 44.7 | 9.1  | 0.8  | -536.2 |
| 1988 | 635 | -2334.5 | -74.4 | -77.1 | -106.0 | 39.9 | 7.3  | 0.8  | -504.5 |
| 1989 | 678 | -2272.4 | -70.5 | -75.4 | -103.2 | 41.4 | 6.7  | 0.7  | -488.0 |
| 1990 | 588 | -2099.7 | -59.9 | -68.9 | -95.3  | 45.2 | 7.1  | 0.7  | -436.9 |
| 1991 | 613 | -1843.6 | -49.1 | -59.9 | -83.6  | 43.8 | 7.1  | 0.6  | -373.8 |
| 1992 | 898 | -1711.7 | -47.1 | -56.5 | -77.6  | 37.4 | 5.1  | 0.6  | -354.0 |
| 1993 | 705 | -1591.0 | -44.8 | -52.9 | -72.1  | 32.9 | 4.2  | 0.7  | -332.8 |
| 1994 | 486 | -1508.4 | -39.6 | -49.5 | -68.3  | 35.1 | 5.0  | 0.6  | -306.7 |
| 1995 | 537 | -1260.0 | -32.0 | -42.3 | -57.0  | 30.0 | 2.8  | 0.6  | -257.5 |
| 1996 | 411 | -1124.0 | -29.4 | -38.2 | -50.8  | 25.1 | 1.8  | 0.6  | -233.6 |
| 1997 | 235 | -1114.4 | -31.0 | -39.1 | -50.4  | 22.7 | 0.3  | 0.6  | -240.7 |
| 1998 | 188 | -1071.9 | -30.3 | -37.0 | -48.4  | 21.2 | 1.1  | 0.6  | -230.1 |
| 1999 | 168 | -1049.6 | -31.6 | -36.6 | -47.5  | 18.0 | 0.6  | 0.5  | -231.2 |
| 2000 | 161 | -836.3  | -29.9 | -31.4 | -37.9  | 8.0  | -2.1 | 0.3  | -202.8 |
| 2001 | 149 | -757.2  | -25.2 | -27.2 | -34.8  | 10.2 | -0.3 | -0.3 | -175.1 |
| 2002 | 140 | -842.4  | -24.9 | -28.9 | -37.4  | 15.2 | 1.4  | 1.3  | -181.9 |
| 2003 | 138 | -685.2  | -20.0 | -23.6 | -29.8  | 12.4 | 0.9  | 1.9  | -147.4 |
| 2004 | 109 | -500.6  | -18.7 | -20.1 | -22.2  | 3.9  | -2.7 | 0.8  | -128.6 |
| 2005 | 105 | -493.8  | -18.6 | -19.7 | -21.4  | 3.7  | -2.5 | 1.4  | -125.9 |
| 2006 | 102 | -479.9  | -16.9 | -16.6 | -19.0  | 5.0  | 0.5  | 3.4  | -109.3 |
| 2007 | 84  | -284.3  | -12.4 | -10.5 | -10.7  | 0.7  | -0.2 | 2.6  | -72.3  |
| 2008 | 62  | -298.2  | -13.6 | -13.4 | -9.9   | 0.2  | -2.8 | 4.4  | -86.1  |
| 2009 | 53  | -303.6  | -15.9 | -11.8 | -10.3  | -2.1 | -0.7 | 4.1  | -85.0  |
| 2010 | 34  | -136.0  | -14.6 | -9.3  | -2.6   | -9.3 | -4.7 | 4.4  | -69.4  |
| 2011 | 34  | 61.8    | -4.1  | -3.0  | 10.1   | -7.1 | -5.4 | 8.3  | -17.7  |
| 2012 | 26  | -100.2  | -5.1  | -5.9  | 1.8    | 0.2  | -2.1 | 7.5  | -34.5  |
| 2013 | 22  | -181.4  | -6.6  | -6.2  | -2.1   | 2.6  | 0.7  | 7.0  | -40.0  |
| 2014 | 21  | 66.0    | -4.4  | -1.5  | 5.5    | -6.8 | -3.5 | 2.7  | -13.6  |
| 2015 | 21  | -49.0   | -5.0  | -3.5  | 5.1    | -2.0 | -1.3 | 8.7  | -23.4  |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 34 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | H    | VH   | IH   | OH   | CS    | KL   | KB   |
|------|--------|------|------|------|------|-------|------|------|
| 1980 | 42     | 81.5 | 96.7 | 86.7 | 84.8 | 102.9 | 93.9 | 95.9 |
| 1981 | 63     | 83.1 | 97.0 | 88.0 | 86.3 | 103.0 | 95.1 | 96.2 |
| 1982 | 81     | 84.1 | 97.4 | 88.4 | 86.9 | 103.2 | 95.4 | 97.0 |
| 1983 | 157    | 83.9 | 97.0 | 88.5 | 87.0 | 103.0 | 94.8 | 96.8 |
| 1984 | 165    | 84.6 | 96.5 | 88.7 | 87.4 | 102.6 | 95.4 | 96.3 |
| 1985 | 194    | 84.9 | 96.9 | 88.8 | 87.6 | 103.0 | 95.1 | 96.2 |
| 1986 | 205    | 85.3 | 97.0 | 89.4 | 88.1 | 103.2 | 95.7 | 96.8 |
| 1987 | 217    | 86.6 | 97.2 | 90.4 | 89.1 | 102.7 | 95.6 | 97.1 |
| 1988 | 203    | 88.0 | 97.3 | 91.9 | 90.6 | 102.4 | 95.4 | 97.3 |
| 1989 | 292    | 87.9 | 96.6 | 91.3 | 90.2 | 101.7 | 95.2 | 96.8 |
| 1990 | 267    | 88.6 | 95.9 | 91.5 | 90.8 | 101.2 | 96.6 | 97.3 |
| 1991 | 313    | 89.9 | 96.6 | 92.3 | 91.9 | 100.6 | 97.4 | 97.2 |
| 1992 | 427    | 90.8 | 97.4 | 93.4 | 92.9 | 100.8 | 97.5 | 97.0 |
| 1993 | 335    | 91.3 | 98.0 | 93.5 | 93.2 | 100.6 | 97.8 | 96.8 |
| 1994 | 230    | 91.3 | 97.7 | 93.4 | 93.2 | 100.4 | 97.7 | 96.8 |
| 1995 | 260    | 92.2 | 98.6 | 94.4 | 94.2 | 100.1 | 97.9 | 96.3 |
| 1996 | 203    | 93.0 | 98.5 | 94.7 | 94.8 | 99.9  | 98.4 | 96.2 |
| 1997 | 120    | 92.5 | 98.2 | 94.6 | 94.5 | 100.2 | 98.2 | 96.2 |
| 1998 | 109    | 93.8 | 98.1 | 95.4 | 95.3 | 99.8  | 97.9 | 97.0 |
| 1999 | 80     | 94.2 | 98.4 | 96.4 | 96.3 | 99.5  | 98.3 | 97.6 |
| 2000 | 78     | 94.2 | 98.1 | 96.2 | 95.8 | 99.3  | 98.2 | 98.0 |
| 2001 | 75     | 94.9 | 98.6 | 96.6 | 97.1 | 99.5  | 98.5 | 98.1 |
| 2002 | 62     | 94.9 | 98.3 | 96.5 | 97.2 | 99.4  | 99.2 | 98.1 |

|      |    |       |       |       |       |       |       |       |
|------|----|-------|-------|-------|-------|-------|-------|-------|
| 2003 | 66 | 94.9  | 97.7  | 96.1  | 96.7  | 98.8  | 98.1  | 97.8  |
| 2004 | 53 | 95.9  | 97.6  | 97.2  | 97.5  | 97.7  | 98.3  | 97.3  |
| 2005 | 51 | 95.5  | 98.1  | 97.0  | 97.0  | 98.8  | 99.3  | 97.0  |
| 2006 | 52 | 97.0  | 99.2  | 97.5  | 96.9  | 99.5  | 100.0 | 98.6  |
| 2007 | 32 | 97.7  | 99.3  | 97.8  | 97.8  | 99.6  | 100.9 | 98.6  |
| 2008 | 21 | 98.3  | 100.4 | 98.2  | 97.3  | 100.8 | 99.3  | 101.0 |
| 2009 | 22 | 96.4  | 98.5  | 96.4  | 96.1  | 100.6 | 98.9  | 98.6  |
| 2010 | 23 | 98.4  | 99.1  | 98.2  | 98.4  | 100.0 | 99.7  | 99.6  |
| 2011 | 20 | 96.6  | 97.4  | 97.3  | 98.1  | 98.8  | 99.1  | 98.3  |
| 2012 | 13 | 99.1  | 98.7  | 99.6  | 99.2  | 98.5  | 97.7  | 99.1  |
| 2013 | 12 | 100.2 | 100.5 | 99.1  | 98.8  | 100.8 | 98.8  | 100.0 |
| 2014 | 15 | 101.9 | 100.0 | 100.3 | 100.7 | 100.2 | 99.7  | 100.3 |
| 2015 | 14 | 100.1 | 98.2  | 98.5  | 99.5  | 98.3  | 100.0 | 99.4  |

Tabel: 35 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | BA    | BZ    | KH   | BG   |
|------|--------|-------|-------|------|------|
| 1980 | 42     | 91.9  | 96.3  | 90.5 | 88.8 |
| 1981 | 63     | 93.3  | 96.3  | 92.1 | 90.0 |
| 1982 | 81     | 93.4  | 96.7  | 92.5 | 90.1 |
| 1983 | 157    | 93.6  | 97.1  | 92.1 | 90.2 |
| 1984 | 165    | 93.9  | 97.3  | 92.7 | 90.6 |
| 1985 | 194    | 94.2  | 97.5  | 93.1 | 90.9 |
| 1986 | 205    | 94.4  | 98.6  | 92.8 | 91.2 |
| 1987 | 217    | 94.6  | 98.2  | 93.5 | 91.3 |
| 1988 | 203    | 95.3  | 99.2  | 93.9 | 92.0 |
| 1989 | 292    | 95.6  | 99.3  | 93.9 | 92.9 |
| 1990 | 267    | 95.9  | 99.7  | 94.6 | 93.3 |
| 1991 | 313    | 95.6  | 100.8 | 94.1 | 93.8 |
| 1992 | 427    | 95.4  | 101.6 | 94.0 | 93.7 |
| 1993 | 335    | 94.7  | 101.6 | 93.6 | 93.4 |
| 1994 | 230    | 95.3  | 101.8 | 93.8 | 93.9 |
| 1995 | 260    | 94.4  | 102.4 | 93.4 | 93.7 |
| 1996 | 203    | 94.9  | 102.4 | 93.7 | 94.3 |
| 1997 | 120    | 95.3  | 102.1 | 94.0 | 94.6 |
| 1998 | 109    | 96.2  | 100.8 | 95.4 | 95.6 |
| 1999 | 80     | 96.5  | 101.4 | 94.9 | 95.6 |
| 2000 | 78     | 96.5  | 101.2 | 94.9 | 95.5 |
| 2001 | 75     | 97.5  | 100.3 | 95.7 | 96.9 |
| 2002 | 62     | 96.7  | 100.3 | 96.0 | 96.3 |
| 2003 | 66     | 98.3  | 100.4 | 95.7 | 97.4 |
| 2004 | 53     | 96.8  | 100.9 | 95.8 | 96.1 |
| 2005 | 51     | 97.6  | 100.8 | 96.2 | 96.8 |
| 2006 | 52     | 97.6  | 99.9  | 96.9 | 97.2 |
| 2007 | 32     | 98.3  | 99.8  | 97.3 | 97.4 |
| 2008 | 21     | 98.8  | 100.2 | 97.9 | 97.9 |
| 2009 | 22     | 98.7  | 99.1  | 97.8 | 98.0 |
| 2010 | 23     | 98.5  | 100.7 | 97.1 | 98.5 |
| 2011 | 20     | 98.0  | 100.4 | 96.6 | 97.5 |
| 2012 | 13     | 98.2  | 99.2  | 96.7 | 97.0 |
| 2013 | 12     | 99.8  | 98.6  | 98.5 | 98.8 |
| 2014 | 15     | 98.9  | 98.7  | 98.3 | 98.2 |
| 2015 | 14     | 100.8 | 100.0 | 98.1 | 99.1 |

Tabel: 36 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | VA    | VP    | SL    | UD    | AH    | OB    | AP    |
|------|--------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 42     | 89.6  | 88.9  | 98.7  | 91.3  | 81.6  | 88.4  | 87.7  |
| 1981 | 63     | 89.7  | 88.7  | 98.5  | 91.8  | 83.1  | 89.4  | 88.4  |
| 1982 | 81     | 90.5  | 89.2  | 98.8  | 92.6  | 83.4  | 89.3  | 88.4  |
| 1983 | 157    | 90.5  | 89.0  | 99.0  | 92.5  | 84.1  | 89.6  | 88.5  |
| 1984 | 165    | 90.7  | 89.2  | 99.1  | 92.7  | 85.4  | 89.9  | 88.7  |
| 1985 | 194    | 91.0  | 89.6  | 99.0  | 93.2  | 85.0  | 89.5  | 88.8  |
| 1986 | 205    | 91.6  | 90.5  | 98.9  | 93.3  | 85.5  | 90.8  | 89.8  |
| 1987 | 217    | 91.6  | 90.1  | 99.9  | 93.3  | 86.2  | 90.4  | 89.2  |
| 1988 | 203    | 92.4  | 91.0  | 99.4  | 93.7  | 87.8  | 91.8  | 90.4  |
| 1989 | 292    | 92.4  | 91.0  | 99.2  | 93.5  | 88.1  | 92.2  | 90.6  |
| 1990 | 267    | 93.3  | 93.0  | 98.6  | 94.7  | 88.9  | 94.2  | 92.8  |
| 1991 | 313    | 94.0  | 93.6  | 100.1 | 95.4  | 90.7  | 95.0  | 93.6  |
| 1992 | 427    | 94.2  | 93.2  | 100.9 | 95.2  | 91.6  | 94.8  | 93.2  |
| 1993 | 335    | 94.0  | 93.0  | 101.2 | 95.2  | 92.0  | 94.4  | 92.9  |
| 1994 | 230    | 94.1  | 93.4  | 101.4 | 95.3  | 92.1  | 94.6  | 93.3  |
| 1995 | 260    | 94.6  | 93.4  | 102.5 | 95.3  | 93.8  | 95.1  | 93.9  |
| 1996 | 203    | 94.5  | 93.4  | 102.5 | 95.4  | 94.1  | 95.2  | 93.9  |
| 1997 | 120    | 94.7  | 93.9  | 102.0 | 95.5  | 93.9  | 95.4  | 94.3  |
| 1998 | 109    | 95.9  | 95.3  | 100.7 | 96.7  | 94.3  | 96.3  | 95.7  |
| 1999 | 80     | 96.1  | 95.2  | 101.2 | 96.0  | 94.0  | 96.4  | 96.2  |
| 2000 | 78     | 95.5  | 95.8  | 100.6 | 96.0  | 94.3  | 96.4  | 96.1  |
| 2001 | 75     | 96.1  | 95.7  | 101.1 | 96.2  | 95.8  | 96.8  | 96.5  |
| 2002 | 62     | 96.2  | 96.5  | 101.5 | 96.3  | 94.9  | 96.2  | 96.5  |
| 2003 | 66     | 96.5  | 96.7  | 101.5 | 97.2  | 96.6  | 97.2  | 97.1  |
| 2004 | 53     | 96.4  | 96.1  | 101.0 | 96.6  | 95.6  | 96.7  | 96.5  |
| 2005 | 51     | 96.8  | 96.2  | 100.5 | 96.3  | 96.1  | 97.4  | 97.1  |
| 2006 | 52     | 97.9  | 98.2  | 100.0 | 97.6  | 96.9  | 97.7  | 98.2  |
| 2007 | 32     | 97.5  | 98.9  | 101.2 | 97.3  | 96.2  | 98.1  | 98.7  |
| 2008 | 21     | 98.2  | 97.3  | 100.6 | 98.2  | 96.6  | 98.4  | 98.1  |
| 2009 | 22     | 97.1  | 97.5  | 100.3 | 98.0  | 96.2  | 98.3  | 97.8  |
| 2010 | 23     | 99.0  | 98.5  | 100.1 | 99.0  | 98.5  | 98.8  | 98.8  |
| 2011 | 20     | 97.3  | 98.9  | 99.0  | 98.2  | 98.2  | 99.8  | 99.6  |
| 2012 | 13     | 99.7  | 101.1 | 98.5  | 101.1 | 99.0  | 101.1 | 100.8 |
| 2013 | 12     | 99.3  | 99.3  | 100.2 | 101.8 | 97.3  | 99.2  | 99.6  |
| 2014 | 15     | 101.0 | 101.1 | 100.0 | 101.7 | 100.5 | 100.1 | 100.6 |
| 2015 | 14     | 100.7 | 99.4  | 99.7  | 102.1 | 99.5  | 98.9  | 99.4  |

Tabel: 37 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | F    | T    | U    | B    | Bs  | Ext  |
|------|--------|------|------|------|------|-----|------|
| 1980 | 42     | 89.1 | 88.5 | 84.1 | 86.6 | 0.0 | 79.5 |
| 1981 | 63     | 90.4 | 90.0 | 85.0 | 88.1 | 0.0 | 81.4 |
| 1982 | 81     | 91.2 | 90.7 | 85.8 | 88.3 | 0.0 | 82.2 |
| 1983 | 157    | 90.7 | 90.6 | 86.0 | 88.7 | 0.0 | 82.4 |
| 1984 | 165    | 90.6 | 90.5 | 86.8 | 89.1 | 0.0 | 83.0 |
| 1985 | 194    | 90.6 | 91.0 | 86.9 | 89.5 | 0.0 | 83.3 |
| 1986 | 205    | 91.5 | 91.7 | 87.6 | 90.1 | 0.0 | 84.4 |
| 1987 | 217    | 92.0 | 92.5 | 87.9 | 90.2 | 0.0 | 84.9 |
| 1988 | 203    | 92.5 | 93.8 | 89.3 | 91.2 | 0.0 | 86.5 |
| 1989 | 292    | 91.8 | 92.7 | 89.4 | 92.1 | 0.0 | 86.6 |
| 1990 | 267    | 92.6 | 92.6 | 90.9 | 92.5 | 0.0 | 87.9 |
| 1991 | 313    | 93.4 | 93.3 | 92.2 | 92.8 | 0.0 | 89.1 |
| 1992 | 427    | 94.0 | 94.6 | 92.5 | 92.8 | 0.0 | 89.6 |
| 1993 | 335    | 94.3 | 94.8 | 92.5 | 92.3 | 0.0 | 89.5 |
| 1994 | 230    | 94.1 | 94.6 | 92.6 | 92.9 | 0.0 | 89.7 |
| 1995 | 260    | 94.6 | 95.4 | 93.5 | 92.4 | 0.0 | 90.2 |

|      |     |       |       |       |      |     |      |
|------|-----|-------|-------|-------|------|-----|------|
| 1996 | 203 | 94.9  | 95.7  | 93.6  | 93.1 | 0.0 | 90.8 |
| 1997 | 120 | 94.7  | 95.6  | 93.7  | 93.4 | 0.0 | 90.9 |
| 1998 | 109 | 95.2  | 96.2  | 94.8  | 94.5 | 0.0 | 92.4 |
| 1999 | 80  | 96.1  | 97.0  | 94.4  | 94.5 | 0.0 | 92.5 |
| 2000 | 78  | 96.0  | 96.7  | 94.4  | 94.5 | 0.0 | 92.4 |
| 2001 | 75  | 96.6  | 97.7  | 95.2  | 95.9 | 0.0 | 93.9 |
| 2002 | 62  | 96.8  | 97.7  | 94.9  | 95.2 | 0.0 | 93.5 |
| 2003 | 66  | 95.7  | 96.8  | 96.0  | 96.7 | 0.0 | 94.4 |
| 2004 | 53  | 95.9  | 96.6  | 95.3  | 95.2 | 0.0 | 93.3 |
| 2005 | 51  | 96.4  | 96.9  | 95.7  | 96.2 | 0.0 | 94.1 |
| 2006 | 52  | 98.1  | 97.8  | 96.7  | 96.3 | 0.0 | 95.4 |
| 2007 | 32  | 98.8  | 98.5  | 96.5  | 96.8 | 0.0 | 95.9 |
| 2008 | 21  | 99.6  | 99.6  | 97.3  | 97.5 | 0.0 | 97.1 |
| 2009 | 22  | 97.0  | 97.8  | 96.5  | 97.3 | 0.0 | 95.4 |
| 2010 | 23  | 98.5  | 99.4  | 98.3  | 97.7 | 0.0 | 97.3 |
| 2011 | 20  | 96.8  | 97.8  | 97.5  | 96.5 | 0.0 | 95.5 |
| 2012 | 13  | 97.3  | 98.6  | 99.8  | 96.0 | 0.0 | 96.8 |
| 2013 | 12  | 98.8  | 100.2 | 99.2  | 98.2 | 0.0 | 98.3 |
| 2014 | 15  | 100.1 | 101.1 | 100.9 | 97.4 | 0.0 | 99.3 |
| 2015 | 14  | 98.4  | 98.8  | 100.7 | 98.9 | 0.0 | 99.1 |

Tabel: 38 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 415    | 106.5 | 109.6 | 113.2 | 112.0 | 106.3 | 101.2 | 85.9 | 113.2 |
| 1981 | 563    | 106.1 | 109.5 | 112.9 | 111.7 | 106.0 | 101.3 | 87.1 | 112.8 |
| 1982 | 690    | 106.5 | 108.7 | 112.6 | 111.1 | 106.2 | 101.2 | 87.1 | 112.3 |
| 1983 | 957    | 106.6 | 108.6 | 112.5 | 110.9 | 106.1 | 101.2 | 86.8 | 112.1 |
| 1984 | 862    | 106.1 | 108.1 | 111.9 | 110.3 | 105.7 | 101.2 | 87.6 | 111.4 |
| 1985 | 854    | 105.8 | 108.2 | 111.6 | 110.2 | 105.5 | 101.2 | 87.6 | 111.3 |
| 1986 | 801    | 105.2 | 107.4 | 110.6 | 109.4 | 105.0 | 100.4 | 88.3 | 110.3 |
| 1987 | 741    | 105.1 | 107.1 | 110.2 | 108.9 | 104.7 | 101.2 | 89.1 | 109.8 |
| 1988 | 644    | 104.9 | 106.1 | 109.2 | 107.8 | 104.4 | 101.8 | 89.5 | 108.8 |
| 1989 | 681    | 104.6 | 105.7 | 108.7 | 107.3 | 104.0 | 101.6 | 90.0 | 108.2 |
| 1990 | 593    | 104.4 | 105.2 | 108.4 | 107.1 | 104.2 | 102.4 | 90.4 | 108.0 |
| 1991 | 614    | 103.8 | 104.5 | 107.3 | 106.2 | 103.8 | 102.4 | 90.8 | 107.0 |
| 1992 | 904    | 103.3 | 104.1 | 106.7 | 105.7 | 103.4 | 102.5 | 91.8 | 106.5 |
| 1993 | 708    | 103.0 | 104.0 | 106.3 | 105.4 | 103.2 | 102.6 | 92.4 | 106.1 |
| 1994 | 488    | 103.1 | 103.4 | 106.0 | 104.9 | 103.2 | 102.2 | 92.3 | 105.7 |
| 1995 | 540    | 102.6 | 102.5 | 104.9 | 103.8 | 102.5 | 102.0 | 92.9 | 104.6 |
| 1996 | 414    | 102.1 | 102.2 | 104.3 | 103.4 | 102.2 | 102.0 | 93.7 | 104.1 |
| 1997 | 237    | 102.0 | 102.4 | 104.4 | 103.4 | 102.1 | 101.2 | 94.0 | 104.1 |
| 1998 | 194    | 101.8 | 102.0 | 103.9 | 102.8 | 101.6 | 101.1 | 94.9 | 103.5 |
| 1999 | 176    | 101.7 | 101.7 | 103.6 | 102.4 | 101.5 | 101.5 | 94.7 | 103.2 |
| 2000 | 167    | 101.0 | 101.7 | 102.8 | 102.1 | 100.6 | 101.4 | 96.1 | 102.6 |
| 2001 | 152    | 101.2 | 101.3 | 102.8 | 101.7 | 100.9 | 100.8 | 96.6 | 102.4 |
| 2002 | 147    | 101.5 | 101.1 | 103.1 | 101.8 | 100.9 | 101.0 | 96.0 | 102.7 |
| 2003 | 152    | 101.5 | 100.8 | 102.7 | 101.5 | 101.0 | 101.1 | 96.4 | 102.2 |
| 2004 | 121    | 101.8 | 99.9  | 102.5 | 100.8 | 100.8 | 101.7 | 96.6 | 101.7 |
| 2005 | 110    | 101.0 | 100.1 | 101.8 | 100.6 | 100.1 | 100.1 | 97.0 | 101.3 |
| 2006 | 113    | 100.5 | 100.8 | 101.4 | 100.9 | 99.7  | 98.6  | 95.9 | 101.3 |
| 2007 | 96     | 100.6 | 100.4 | 101.4 | 100.8 | 99.7  | 98.7  | 96.2 | 101.2 |
| 2008 | 78     | 100.8 | 100.9 | 102.1 | 101.3 | 100.1 | 99.0  | 96.2 | 101.8 |
| 2009 | 56     | 101.2 | 101.4 | 102.7 | 102.0 | 100.9 | 99.9  | 97.2 | 102.6 |
| 2010 | 40     | 101.5 | 100.7 | 102.5 | 101.4 | 100.9 | 100.0 | 97.2 | 102.0 |
| 2011 | 42     | 101.7 | 100.7 | 102.3 | 101.5 | 101.0 | 99.0  | 96.1 | 102.0 |
| 2012 | 31     | 101.0 | 101.5 | 101.7 | 101.8 | 100.8 | 98.5  | 95.8 | 101.9 |
| 2013 | 31     | 101.4 | 102.4 | 103.4 | 103.2 | 101.7 | 99.1  | 96.3 | 103.5 |
| 2014 | 31     | 101.1 | 101.6 | 102.8 | 102.5 | 101.5 | 99.6  | 98.7 | 102.9 |



2015 33 99.7 102.3 102.8 102.7 100.4 99.0 99.7 102.8

Tabel: 39 Holstein - Fries Hollands zwartbont: Gebruikskennmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | MS    | Kar   | SCC   | SKM   | KM    |
|------|--------|-------|-------|-------|-------|-------|
| 1980 | 38     | 99.0  | 76.1  | 99.8  | 104.7 | 107.7 |
| 1981 | 60     | 98.8  | 59.7  | 99.1  | 104.0 | 107.1 |
| 1982 | 78     | 99.6  | 56.9  | 98.9  | 103.5 | 106.4 |
| 1983 | 149    | 99.3  | 65.6  | 98.9  | 103.6 | 106.5 |
| 1984 | 160    | 99.1  | 73.5  | 98.7  | 103.1 | 106.3 |
| 1985 | 194    | 98.6  | 68.9  | 99.2  | 103.5 | 106.4 |
| 1986 | 210    | 98.3  | 74.8  | 99.3  | 103.2 | 106.2 |
| 1987 | 226    | 98.8  | 83.9  | 98.6  | 102.3 | 105.6 |
| 1988 | 213    | 99.0  | 92.8  | 98.3  | 101.9 | 105.3 |
| 1989 | 297    | 98.3  | 89.6  | 98.1  | 101.7 | 104.4 |
| 1990 | 277    | 98.2  | 94.2  | 98.9  | 102.5 | 104.9 |
| 1991 | 310    | 98.2  | 93.9  | 98.6  | 101.9 | 103.8 |
| 1992 | 439    | 98.1  | 95.0  | 97.8  | 100.7 | 103.3 |
| 1993 | 333    | 98.0  | 93.9  | 97.8  | 100.5 | 103.1 |
| 1994 | 225    | 98.1  | 94.8  | 97.7  | 100.6 | 102.5 |
| 1995 | 268    | 98.0  | 95.0  | 97.4  | 99.8  | 101.7 |
| 1996 | 207    | 98.2  | 95.8  | 97.4  | 99.5  | 101.2 |
| 1997 | 118    | 98.6  | 94.9  | 97.7  | 99.8  | 101.2 |
| 1998 | 109    | 98.7  | 97.0  | 98.0  | 100.0 | 101.1 |
| 1999 | 79     | 98.7  | 97.5  | 98.3  | 100.0 | 101.5 |
| 2000 | 76     | 99.2  | 97.5  | 98.1  | 100.1 | 101.0 |
| 2001 | 75     | 99.4  | 97.8  | 98.1  | 99.8  | 100.8 |
| 2002 | 64     | 100.2 | 97.9  | 97.3  | 98.7  | 99.0  |
| 2003 | 68     | 99.5  | 97.7  | 97.7  | 99.2  | 100.1 |
| 2004 | 53     | 99.7  | 98.0  | 98.5  | 99.6  | 100.4 |
| 2005 | 51     | 99.5  | 98.2  | 98.2  | 99.0  | 99.8  |
| 2006 | 51     | 99.6  | 99.1  | 98.8  | 100.0 | 100.5 |
| 2007 | 31     | 100.1 | 99.5  | 99.2  | 99.5  | 100.7 |
| 2008 | 21     | 100.2 | 99.0  | 99.4  | 100.0 | 100.6 |
| 2009 | 22     | 98.6  | 100.5 | 99.4  | 100.0 | 100.9 |
| 2010 | 23     | 99.7  | 100.1 | 99.5  | 100.4 | 100.9 |
| 2011 | 18     | 100.3 | 100.4 | 100.2 | 100.3 | 100.3 |
| 2012 | 12     | 100.8 | 98.7  | 100.9 | 101.6 | 101.2 |
| 2013 | 12     | 100.1 | 101.1 | 100.8 | 101.7 | 101.0 |
| 2014 | 13     | 100.5 | 99.7  | 101.7 | 101.9 | 101.7 |
| 2015 | 13     | 99.7  | 100.2 | 103.2 | 102.8 | 102.9 |

Tabel: 40 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U    | B    | Gin   |
|------|--------|--------|--------|--------|-------|-------|------|------|-------|
| 1980 | 105    | -198.0 | -620.6 | -262.2 | 107.2 | 113.2 | 84.1 | 86.6 | 101.2 |
| 1981 | 170    | -210.1 | -620.7 | -292.5 | 106.5 | 112.8 | 85.0 | 88.1 | 100.1 |
| 1982 | 233    | -209.2 | -616.8 | -272.6 | 105.8 | 112.3 | 85.8 | 88.3 | 99.9  |
| 1983 | 405    | -214.5 | -615.4 | -271.3 | 105.9 | 112.1 | 86.0 | 88.7 | 100.6 |
| 1984 | 449    | -205.5 | -592.3 | -245.5 | 105.5 | 111.4 | 86.8 | 89.1 | 100.0 |
| 1985 | 526    | -186.9 | -596.1 | -267.0 | 105.8 | 111.3 | 86.9 | 89.5 | 100.4 |
| 1986 | 565    | -178.0 | -557.6 | -268.0 | 105.6 | 110.3 | 87.6 | 90.1 | 100.2 |
| 1987 | 642    | -183.7 | -536.2 | -287.8 | 104.7 | 109.8 | 87.9 | 90.2 | 99.8  |
| 1988 | 635    | -178.3 | -504.5 | -292.1 | 104.3 | 108.8 | 89.3 | 91.2 | 99.9  |

|      |     |        |        |        |       |       |       |      |       |
|------|-----|--------|--------|--------|-------|-------|-------|------|-------|
| 1989 | 678 | -170.9 | -488.0 | -268.8 | 103.6 | 108.2 | 89.4  | 92.1 | 100.0 |
| 1990 | 588 | -139.7 | -436.9 | -229.7 | 104.4 | 108.0 | 90.9  | 92.5 | 100.4 |
| 1991 | 613 | -121.1 | -373.8 | -208.8 | 103.3 | 107.0 | 92.2  | 92.8 | 100.8 |
| 1992 | 898 | -123.1 | -354.0 | -216.0 | 102.4 | 106.5 | 92.5  | 92.8 | 100.9 |
| 1993 | 705 | -116.1 | -332.8 | -180.9 | 102.2 | 106.1 | 92.5  | 92.3 | 101.0 |
| 1994 | 486 | -107.6 | -306.7 | -160.5 | 101.9 | 105.7 | 92.6  | 92.9 | 101.2 |
| 1995 | 537 | -98.6  | -257.5 | -134.3 | 101.0 | 104.6 | 93.5  | 92.4 | 101.2 |
| 1996 | 411 | -90.3  | -233.6 | -111.8 | 100.5 | 104.1 | 93.6  | 93.1 | 101.3 |
| 1997 | 235 | -94.1  | -240.7 | -146.2 | 100.7 | 104.1 | 93.7  | 93.4 | 100.7 |
| 1998 | 188 | -92.9  | -230.1 | -155.6 | 100.8 | 103.5 | 94.8  | 94.5 | 99.8  |
| 1999 | 168 | -89.2  | -231.2 | -128.3 | 101.0 | 103.2 | 94.4  | 94.5 | 99.8  |
| 2000 | 161 | -88.4  | -202.8 | -139.7 | 100.7 | 102.6 | 94.4  | 94.5 | 99.5  |
| 2001 | 149 | -70.3  | -175.1 | -89.5  | 100.5 | 102.4 | 95.2  | 95.9 | 99.7  |
| 2002 | 140 | -83.5  | -181.9 | -133.6 | 98.7  | 102.7 | 94.9  | 95.2 | 100.6 |
| 2003 | 138 | -62.1  | -147.4 | -84.7  | 99.7  | 102.2 | 96.0  | 96.7 | 99.9  |
| 2004 | 109 | -58.0  | -128.6 | -60.8  | 100.0 | 101.7 | 95.3  | 95.2 | 99.8  |
| 2005 | 105 | -65.7  | -125.9 | -92.0  | 99.4  | 101.3 | 95.7  | 96.2 | 99.6  |
| 2006 | 102 | -53.4  | -109.3 | -79.0  | 100.3 | 101.3 | 96.7  | 96.3 | 99.7  |
| 2007 | 84  | -37.3  | -72.3  | -43.4  | 100.2 | 101.2 | 96.5  | 96.8 | 99.7  |
| 2008 | 62  | -34.9  | -86.1  | -48.0  | 100.4 | 101.8 | 97.3  | 97.5 | 99.4  |
| 2009 | 53  | -21.7  | -85.0  | -5.3   | 100.6 | 102.6 | 96.5  | 97.3 | 99.9  |
| 2010 | 34  | -14.3  | -69.4  | 35.5   | 100.8 | 102.0 | 98.3  | 97.7 | 99.4  |
| 2011 | 34  | 5.6    | -17.7  | 53.3   | 100.4 | 102.0 | 97.5  | 96.5 | 100.4 |
| 2012 | 26  | -0.2   | -34.5  | 32.4   | 101.5 | 101.9 | 99.8  | 96.0 | 100.9 |
| 2013 | 22  | 13.0   | -40.0  | 71.2   | 101.3 | 103.5 | 99.2  | 98.2 | 100.8 |
| 2014 | 21  | 32.7   | -13.6  | 92.7   | 102.0 | 102.9 | 100.9 | 97.4 | 101.0 |
| 2015 | 21  | 40.4   | -23.4  | 143.3  | 103.2 | 102.8 | 100.7 | 98.9 | 100.9 |

Tabel: 41 Holstein - Fries Hollands zwartbont: Klauwgezondheidskenmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | Kgh   | Bv    | Mo    | Sp    | Zz   | Ty    | Wld   |
|------|--------|-------|-------|-------|-------|------|-------|-------|
| 1986 | 11     | 99.5  | 96.8  | 101.5 | 100.4 | 99.2 | 101.8 | 99.3  |
| 1987 | 13     | 98.2  | 96.5  | 99.8  | 99.5  | 98.2 | 101.1 | 99.7  |
| 1989 | 21     | 99.9  | 97.4  | 101.2 | 101.2 | 98.7 | 101.6 | 99.7  |
| 1990 | 24     | 99.1  | 96.5  | 100.9 | 101.0 | 97.4 | 101.1 | 99.5  |
| 1991 | 59     | 100.4 | 97.5  | 101.6 | 101.6 | 98.9 | 100.8 | 100.7 |
| 1992 | 63     | 99.9  | 97.0  | 101.4 | 101.3 | 98.1 | 100.6 | 100.7 |
| 1993 | 37     | 99.7  | 97.0  | 101.3 | 101.1 | 98.1 | 100.4 | 100.7 |
| 1994 | 43     | 100.1 | 97.3  | 101.9 | 101.4 | 98.3 | 100.9 | 100.1 |
| 1995 | 43     | 99.9  | 97.8  | 101.5 | 100.8 | 98.3 | 100.6 | 99.5  |
| 1996 | 31     | 100.4 | 98.1  | 101.7 | 101.3 | 98.5 | 100.6 | 100.0 |
| 1997 | 31     | 100.2 | 98.5  | 101.7 | 101.2 | 98.5 | 100.5 | 99.6  |
| 1998 | 38     | 99.5  | 97.9  | 101.2 | 100.6 | 97.8 | 100.1 | 98.7  |
| 1999 | 19     | 100.2 | 97.9  | 102.2 | 101.4 | 97.3 | 100.0 | 98.8  |
| 2000 | 23     | 100.2 | 99.6  | 101.3 | 100.4 | 98.3 | 100.1 | 99.0  |
| 2001 | 17     | 101.3 | 100.3 | 101.6 | 101.3 | 99.1 | 101.5 | 98.5  |
| 2002 | 12     | 98.7  | 99.1  | 99.6  | 98.9  | 97.8 | 99.9  | 98.9  |
| 2003 | 13     | 99.0  | 98.9  | 100.6 | 100.0 | 97.2 | 99.5  | 98.2  |
| 2004 | 10     | 99.4  | 98.8  | 99.7  | 100.7 | 98.1 | 99.5  | 99.3  |
| 2005 | 16     | 99.5  | 99.1  | 100.1 | 100.3 | 98.6 | 99.6  | 98.8  |
| 2006 | 17     | 100.4 | 100.1 | 100.4 | 100.9 | 99.2 | 100.2 | 99.5  |

Tabel: 42 Holstein - Fries Hollands zwartbont: Levensvatbaarheidskenmerken  
Basis: Melkdoel zwart  
Land: VL

| Jaar | Aantal | LVg | LVa | LVg1 | LVa1 | LVg2 | LVa2 |
|------|--------|-----|-----|------|------|------|------|
|------|--------|-----|-----|------|------|------|------|

|      |     |       |       |       |       |       |       |
|------|-----|-------|-------|-------|-------|-------|-------|
| 1982 | 15  | 97.1  | 101.9 | 97.1  | 101.9 | 96.4  | 100.9 |
| 1983 | 18  | 98.3  | 102.7 | 98.3  | 102.7 | 97.4  | 101.9 |
| 1984 | 19  | 97.5  | 102.2 | 97.5  | 102.2 | 96.9  | 101.1 |
| 1985 | 24  | 97.2  | 101.6 | 97.2  | 101.6 | 96.7  | 100.4 |
| 1986 | 46  | 97.4  | 101.3 | 97.4  | 101.3 | 96.8  | 100.1 |
| 1987 | 37  | 97.4  | 101.6 | 97.4  | 101.6 | 96.6  | 100.5 |
| 1988 | 50  | 96.8  | 101.5 | 96.8  | 101.5 | 96.6  | 100.6 |
| 1989 | 56  | 97.7  | 101.5 | 97.7  | 101.5 | 97.5  | 100.5 |
| 1990 | 60  | 97.8  | 100.8 | 97.8  | 100.8 | 97.4  | 100.1 |
| 1991 | 84  | 99.3  | 101.4 | 99.3  | 101.4 | 99.1  | 101.2 |
| 1992 | 111 | 99.1  | 101.5 | 99.1  | 101.5 | 98.8  | 101.4 |
| 1993 | 71  | 99.1  | 101.5 | 99.1  | 101.5 | 98.7  | 101.4 |
| 1994 | 76  | 99.8  | 101.7 | 99.8  | 101.7 | 99.6  | 101.6 |
| 1995 | 74  | 99.7  | 100.5 | 99.7  | 100.5 | 99.1  | 100.3 |
| 1996 | 73  | 100.2 | 101.2 | 100.2 | 101.2 | 99.8  | 101.5 |
| 1997 | 69  | 100.2 | 100.5 | 100.2 | 100.5 | 99.3  | 101.0 |
| 1998 | 69  | 99.4  | 100.3 | 99.4  | 100.3 | 98.3  | 100.4 |
| 1999 | 45  | 99.6  | 100.7 | 99.6  | 100.7 | 98.8  | 100.0 |
| 2000 | 48  | 99.3  | 98.5  | 99.3  | 98.5  | 98.5  | 98.5  |
| 2001 | 44  | 99.8  | 100.1 | 99.8  | 100.1 | 99.7  | 100.2 |
| 2002 | 35  | 99.9  | 100.8 | 99.9  | 100.8 | 99.4  | 101.0 |
| 2003 | 29  | 99.6  | 101.1 | 99.6  | 101.1 | 99.0  | 101.0 |
| 2004 | 30  | 99.6  | 99.9  | 99.6  | 99.9  | 99.1  | 99.9  |
| 2005 | 32  | 99.8  | 100.2 | 99.8  | 100.2 | 99.2  | 100.3 |
| 2006 | 28  | 99.1  | 100.0 | 99.1  | 100.0 | 98.5  | 98.6  |
| 2007 | 17  | 100.3 | 100.5 | 100.3 | 100.5 | 100.2 | 100.8 |
| 2008 | 16  | 98.9  | 99.6  | 98.9  | 99.6  | 99.3  | 100.1 |
| 2009 | 11  | 98.7  | 100.7 | 98.7  | 100.7 | 99.1  | 100.4 |

Tabel: 43 Holstein - Fries Hollands zwartbont: Geboortekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw   | Afk  | MDt   | MGw   |
|------|--------|-------|-------|-------|------|-------|-------|
| 1980 | 98     | 101.8 | 101.4 | 97.8  | 61.9 | 61.9  | 61.6  |
| 1981 | 149    | 100.8 | 101.5 | 98.8  | 71.1 | 70.8  | 71.3  |
| 1982 | 171    | 100.5 | 102.0 | 99.1  | 73.8 | 74.2  | 74.8  |
| 1983 | 299    | 100.9 | 102.3 | 98.7  | 79.1 | 79.6  | 80.2  |
| 1984 | 369    | 100.6 | 102.5 | 98.9  | 86.5 | 87.1  | 87.7  |
| 1985 | 426    | 100.8 | 102.4 | 98.6  | 91.3 | 92.8  | 92.7  |
| 1986 | 430    | 100.5 | 101.9 | 98.9  | 96.7 | 97.5  | 97.4  |
| 1987 | 436    | 99.8  | 102.3 | 99.6  | 94.9 | 97.1  | 96.8  |
| 1988 | 459    | 99.6  | 102.4 | 99.6  | 96.4 | 100.6 | 100.8 |
| 1989 | 518    | 100.4 | 102.9 | 98.8  | 97.0 | 99.7  | 100.0 |
| 1990 | 429    | 100.3 | 101.9 | 98.9  | 97.0 | 99.7  | 99.9  |
| 1991 | 383    | 100.5 | 100.7 | 98.5  | 95.5 | 98.2  | 98.3  |
| 1992 | 540    | 100.3 | 100.4 | 98.7  | 96.9 | 100.2 | 100.4 |
| 1993 | 385    | 99.9  | 100.7 | 99.1  | 96.1 | 99.5  | 100.1 |
| 1994 | 200    | 100.5 | 100.6 | 98.7  | 97.2 | 98.7  | 99.1  |
| 1995 | 228    | 100.3 | 100.3 | 98.9  | 95.8 | 97.2  | 97.8  |
| 1996 | 154    | 100.4 | 99.6  | 98.7  | 97.4 | 98.4  | 99.1  |
| 1997 | 101    | 100.1 | 101.0 | 99.2  | 95.8 | 97.6  | 97.6  |
| 1998 | 90     | 100.0 | 100.8 | 99.5  | 94.5 | 96.6  | 96.4  |
| 1999 | 67     | 100.5 | 101.2 | 98.9  | 98.3 | 99.6  | 100.8 |
| 2000 | 67     | 99.4  | 100.6 | 100.2 | 96.6 | 98.4  | 98.7  |
| 2001 | 55     | 98.9  | 101.3 | 100.6 | 98.3 | 100.4 | 100.4 |
| 2002 | 52     | 100.3 | 100.9 | 99.3  | 97.0 | 98.7  | 98.1  |
| 2003 | 50     | 100.2 | 101.0 | 99.3  | 96.4 | 98.0  | 97.6  |
| 2004 | 34     | 99.5  | 101.4 | 99.9  | 99.7 | 100.4 | 99.4  |
| 2005 | 32     | 99.6  | 101.3 | 99.9  | 99.1 | 100.3 | 100.6 |

|      |    |       |       |       |       |       |       |
|------|----|-------|-------|-------|-------|-------|-------|
| 2006 | 48 | 98.5  | 101.1 | 100.6 | 98.0  | 100.1 | 101.7 |
| 2007 | 30 | 99.6  | 100.9 | 99.7  | 98.9  | 100.8 | 101.6 |
| 2008 | 30 | 98.3  | 101.5 | 100.8 | 95.4  | 98.1  | 97.6  |
| 2009 | 18 | 98.3  | 100.4 | 100.7 | 98.7  | 99.5  | 100.8 |
| 2010 | 14 | 98.6  | 101.1 | 100.6 | 97.7  | 101.4 | 101.5 |
| 2011 | 21 | 100.0 | 101.1 | 99.0  | 100.0 | 101.0 | 100.2 |
| 2013 | 12 | 100.4 | 100.7 | 99.2  | 101.5 | 100.2 | 99.8  |
| 2014 | 13 | 99.9  | 101.1 | 99.8  | 101.0 | 100.1 | 101.1 |

Tabel: 44 Holstein - Fries Hollands zwartbont: Vleeskenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 17     | 106.7 | 114.7 | 92.0  | 101.5 | 115.8 | 96.1  | 105.0 | 96.6  | 114.1 | 93.8  | 105.6 |
| 1981 | 23     | 111.0 | 117.1 | 90.7  | 103.9 | 114.2 | 94.3  | 109.6 | 102.3 | 110.2 | 97.1  | 100.2 |
| 1982 | 29     | 108.6 | 115.7 | 92.2  | 104.7 | 112.2 | 96.9  | 107.9 | 98.9  | 109.3 | 97.6  | 105.2 |
| 1983 | 43     | 106.7 | 115.6 | 92.9  | 103.3 | 112.0 | 97.3  | 105.5 | 98.7  | 110.4 | 98.2  | 102.2 |
| 1984 | 54     | 106.5 | 115.1 | 92.2  | 103.1 | 112.1 | 96.7  | 105.2 | 98.4  | 110.0 | 97.0  | 103.0 |
| 1985 | 74     | 107.2 | 114.6 | 92.8  | 102.7 | 112.3 | 96.3  | 106.1 | 98.9  | 110.5 | 97.7  | 102.5 |
| 1986 | 100    | 105.5 | 113.2 | 92.9  | 101.8 | 110.0 | 96.5  | 104.8 | 98.2  | 109.5 | 96.7  | 103.6 |
| 1987 | 107    | 105.5 | 112.9 | 93.3  | 101.8 | 110.2 | 96.8  | 104.4 | 98.5  | 109.7 | 97.4  | 104.2 |
| 1988 | 124    | 105.2 | 112.0 | 94.0  | 101.8 | 109.4 | 97.1  | 104.1 | 99.1  | 108.4 | 98.3  | 103.2 |
| 1989 | 140    | 104.5 | 111.3 | 94.4  | 100.8 | 109.2 | 96.9  | 103.3 | 98.6  | 108.8 | 97.7  | 102.5 |
| 1990 | 147    | 104.2 | 110.5 | 95.0  | 100.3 | 109.3 | 96.4  | 103.2 | 98.4  | 108.2 | 98.4  | 101.8 |
| 1991 | 176    | 103.5 | 107.9 | 97.3  | 100.2 | 107.1 | 97.6  | 102.9 | 98.2  | 106.6 | 98.9  | 102.3 |
| 1992 | 283    | 103.4 | 107.5 | 97.2  | 100.4 | 106.5 | 97.6  | 103.0 | 98.4  | 106.0 | 99.0  | 102.2 |
| 1993 | 215    | 103.7 | 107.6 | 97.6  | 100.9 | 106.5 | 98.0  | 103.2 | 98.7  | 106.1 | 99.2  | 102.8 |
| 1994 | 155    | 103.1 | 106.6 | 98.2  | 100.1 | 106.0 | 97.9  | 102.8 | 98.4  | 105.7 | 98.9  | 102.2 |
| 1995 | 187    | 103.1 | 105.8 | 98.9  | 100.2 | 105.2 | 98.1  | 102.6 | 98.9  | 105.3 | 98.7  | 102.5 |
| 1996 | 180    | 102.7 | 105.4 | 99.2  | 100.5 | 104.5 | 98.6  | 102.5 | 98.6  | 104.5 | 99.1  | 102.5 |
| 1997 | 114    | 102.0 | 104.8 | 98.9  | 99.7  | 103.9 | 98.3  | 101.7 | 99.0  | 104.3 | 98.9  | 101.7 |
| 1998 | 111    | 101.5 | 103.9 | 99.5  | 99.3  | 103.2 | 98.6  | 101.1 | 99.2  | 104.1 | 98.4  | 102.1 |
| 1999 | 91     | 101.8 | 104.6 | 98.9  | 100.0 | 103.5 | 98.6  | 101.3 | 99.2  | 103.6 | 98.3  | 102.5 |
| 2000 | 89     | 101.4 | 104.3 | 99.0  | 99.9  | 102.8 | 98.4  | 101.0 | 99.5  | 103.5 | 98.5  | 100.8 |
| 2001 | 103    | 101.8 | 103.4 | 99.2  | 99.6  | 102.9 | 98.9  | 101.0 | 99.6  | 105.8 | 99.6  | 102.8 |
| 2002 | 95     | 101.5 | 103.7 | 98.6  | 99.4  | 103.6 | 99.0  | 101.1 | 100.0 | 103.4 | 103.4 | 97.2  |
| 2003 | 105    | 101.2 | 102.7 | 99.5  | 98.9  | 102.7 | 99.5  | 100.8 | 99.4  | 104.5 | 99.7  | 101.2 |
| 2004 | 90     | 101.1 | 102.2 | 99.6  | 99.4  | 102.0 | 99.5  | 100.6 | 99.8  | 105.3 | 96.8  | 98.7  |
| 2005 | 79     | 100.9 | 102.6 | 99.7  | 99.6  | 102.4 | 99.8  | 100.3 | 99.1  | 103.3 | 99.5  | 104.0 |
| 2006 | 89     | 100.7 | 103.3 | 99.1  | 100.1 | 102.6 | 100.3 | 99.8  | 99.6  | 106.1 | 97.6  | 101.1 |
| 2007 | 67     | 100.3 | 102.0 | 99.0  | 100.0 | 101.5 | 99.8  | 100.2 | 99.4  | 102.1 | 98.7  | 100.0 |
| 2008 | 50     | 100.9 | 103.4 | 98.7  | 100.9 | 103.0 | 99.8  | 100.4 | 98.9  | 105.1 | 98.3  | 100.0 |
| 2009 | 38     | 100.1 | 102.6 | 98.6  | 100.4 | 101.6 | 100.1 | 99.8  | 99.2  | 104.1 | 97.3  | 99.3  |
| 2010 | 26     | 99.6  | 102.7 | 98.2  | 99.3  | 103.1 | 99.6  | 100.1 | 98.3  | 97.8  | 113.0 | 92.3  |
| 2011 | 31     | 100.3 | 103.4 | 98.0  | 99.5  | 103.5 | 99.2  | 100.3 | 97.2  | 104.8 | 102.3 | 97.1  |
| 2012 | 18     | 100.2 | 101.8 | 99.7  | 98.7  | 102.4 | 99.0  | 100.6 | 97.4  | 104.6 | 102.8 | 97.1  |
| 2013 | 14     | 100.9 | 104.6 | 98.3  | 100.9 | 104.1 | 99.7  | 101.1 | 97.4  | 104.2 | 101.7 | 99.1  |

Tabel: 45 Holstein - Fries Hollands zwartbont: Kalvervitaliteit  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1982 | 11     | 98.1  | 99.0  | 97.8  |
| 1983 | 13     | 98.8  | 99.8  | 98.4  |
| 1984 | 17     | 98.3  | 99.8  | 97.6  |
| 1985 | 22     | 97.7  | 99.6  | 97.4  |

|      |     |       |       |      |
|------|-----|-------|-------|------|
| 1986 | 36  | 96.9  | 98.6  | 97.6 |
| 1987 | 35  | 97.7  | 99.3  | 97.9 |
| 1988 | 44  | 98.0  | 99.6  | 98.2 |
| 1989 | 50  | 97.7  | 99.5  | 98.0 |
| 1990 | 51  | 97.9  | 99.4  | 98.0 |
| 1991 | 84  | 98.8  | 100.6 | 98.2 |
| 1992 | 104 | 98.9  | 100.6 | 98.4 |
| 1993 | 66  | 98.6  | 100.5 | 98.3 |
| 1994 | 70  | 98.5  | 100.5 | 98.2 |
| 1995 | 66  | 99.4  | 100.7 | 98.7 |
| 1996 | 73  | 99.7  | 101.1 | 98.8 |
| 1997 | 66  | 100.1 | 101.2 | 99.4 |
| 1998 | 69  | 99.5  | 100.6 | 99.1 |
| 1999 | 48  | 99.7  | 100.3 | 99.9 |
| 2000 | 48  | 99.9  | 100.3 | 99.5 |
| 2001 | 43  | 99.5  | 100.1 | 99.4 |
| 2002 | 34  | 99.8  | 100.9 | 99.6 |
| 2003 | 32  | 100.0 | 100.7 | 99.5 |
| 2004 | 32  | 100.0 | 100.6 | 98.8 |
| 2005 | 32  | 100.7 | 101.4 | 99.5 |
| 2006 | 32  | 98.8  | 99.5  | 99.2 |
| 2007 | 19  | 99.4  | 100.2 | 99.2 |
| 2008 | 21  | 99.1  | 100.1 | 98.8 |
| 2009 | 22  | 98.6  | 99.5  | 98.8 |

Tabel: 46 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2001 | 147    | -1360.5 | -6208.7 | -207.3 | -204.9 |
| 2002 | 140    | -1637.0 | -7480.8 | -250.7 | -245.8 |
| 2003 | 136    | -1237.7 | -5856.2 | -183.9 | -188.0 |
| 2004 | 107    | -1025.3 | -4617.6 | -153.6 | -156.0 |
| 2005 | 105    | -1220.0 | -5376.0 | -190.7 | -181.9 |
| 2006 | 102    | -1074.7 | -4998.7 | -168.5 | -159.0 |
| 2007 | 80     | -705.5  | -3334.0 | -111.8 | -103.7 |
| 2008 | 60     | -786.4  | -3482.1 | -121.2 | -118.0 |
| 2009 | 53     | -526.3  | -2496.5 | -83.6  | -77.2  |
| 2010 | 36     | -240.9  | -928.7  | -40.6  | -34.8  |
| 2011 | 36     | 68.1    | 288.4   | 21.4   | 4.6    |
| 2012 | 26     | -122.3  | -869.8  | -5.1   | -24.3  |
| 2013 | 25     | 25.8    | -518.2  | 21.8   | -3.2   |
| 2014 | 26     | 276.2   | 925.4   | 54.2   | 36.5   |
| 2015 | 25     | 621.7   | 2188.6  | 115.8  | 84.9   |

Tabel: 47 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken  
 Basis: Melkdoel zwart  
 Land: VL

| Jaar | Aantal | Eff  | Int  | Gewen |
|------|--------|------|------|-------|
| 1985 | 11     | 98.5 | 95.9 | 102.4 |
| 1986 | 15     | 98.7 | 95.7 | 102.7 |
| 1987 | 16     | 98.1 | 95.7 | 102.2 |
| 1988 | 20     | 97.8 | 94.5 | 102.3 |
| 1989 | 15     | 97.9 | 96.3 | 102.9 |
| 1990 | 22     | 97.9 | 96.3 | 102.8 |
| 1991 | 52     | 98.4 | 96.4 | 100.3 |

|      |    |      |      |       |
|------|----|------|------|-------|
| 1992 | 56 | 97.9 | 96.8 | 100.1 |
| 1993 | 27 | 97.9 | 97.2 | 100.0 |
| 1994 | 30 | 98.0 | 96.9 | 101.0 |
| 1995 | 30 | 98.0 | 96.7 | 100.5 |
| 1996 | 17 | 98.1 | 97.8 | 100.1 |
| 1997 | 20 | 98.3 | 96.6 | 100.3 |
| 1998 | 14 | 97.6 | 97.1 | 101.4 |
| 1999 | 14 | 98.1 | 97.2 | 100.9 |
| 2000 | 15 | 97.7 | 97.4 | 101.6 |
| 2001 | 13 | 98.4 | 96.8 | 102.8 |
| 2002 | 10 | 98.6 | 96.6 | 99.7  |
| 2007 | 13 | 98.3 | 97.9 | 101.0 |

Tabel: 48 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.

Basis: Melkdoel zwart

Land: VL

| Jaar | Aantal | Pers  | RTM   | Aantal | DSopn | Aantal | Gew   |
|------|--------|-------|-------|--------|-------|--------|-------|
| 1980 | 105    | 99.7  | 98.2  | 1      | -4.3  | 0      | 0.0   |
| 1981 | 170    | 98.3  | 97.8  | 1      | -3.2  | 0      | 0.0   |
| 1982 | 234    | 98.8  | 99.0  | 0      | 0.0   | 0      | 0.0   |
| 1983 | 407    | 98.8  | 98.5  | 1      | -2.7  | 0      | 0.0   |
| 1984 | 449    | 98.9  | 98.5  | 2      | -3.3  | 0      | 0.0   |
| 1985 | 526    | 98.7  | 98.3  | 527    | -5.7  | 0      | 0.0   |
| 1986 | 565    | 98.9  | 98.6  | 565    | -5.3  | 0      | 0.0   |
| 1987 | 642    | 98.4  | 98.1  | 643    | -4.9  | 0      | 0.0   |
| 1988 | 635    | 98.2  | 97.9  | 635    | -4.6  | 0      | 0.0   |
| 1989 | 678    | 98.0  | 98.9  | 678    | -4.7  | 0      | 0.0   |
| 1990 | 588    | 98.6  | 99.1  | 588    | -4.2  | 0      | 0.0   |
| 1991 | 613    | 98.8  | 100.0 | 613    | -3.7  | 0      | 0.0   |
| 1992 | 898    | 98.4  | 99.8  | 898    | -3.4  | 0      | 0.0   |
| 1993 | 705    | 98.3  | 100.1 | 706    | -3.2  | 0      | 0.0   |
| 1994 | 486    | 98.8  | 100.5 | 486    | -3.1  | 0      | 0.0   |
| 1995 | 537    | 98.8  | 101.0 | 537    | -2.6  | 0      | 0.0   |
| 1996 | 411    | 99.1  | 101.2 | 412    | -2.4  | 0      | 0.0   |
| 1997 | 235    | 98.9  | 100.1 | 236    | -2.4  | 0      | 0.0   |
| 1998 | 188    | 99.1  | 99.6  | 188    | -2.2  | 0      | 0.0   |
| 1999 | 168    | 98.9  | 99.3  | 167    | -2.2  | 0      | 0.0   |
| 2000 | 161    | 99.8  | 98.9  | 161    | -2.0  | 0      | 0.0   |
| 2001 | 149    | 99.9  | 99.3  | 149    | -1.7  | 75     | 95.9  |
| 2002 | 140    | 99.4  | 98.8  | 140    | -1.8  | 62     | 95.6  |
| 2003 | 138    | 99.2  | 98.7  | 138    | -1.7  | 66     | 95.0  |
| 2004 | 109    | 100.1 | 98.4  | 110    | -1.5  | 53     | 94.8  |
| 2005 | 105    | 99.3  | 98.6  | 106    | -1.5  | 51     | 95.4  |
| 2006 | 102    | 100.2 | 99.0  | 103    | -1.1  | 52     | 97.4  |
| 2007 | 84     | 100.4 | 99.5  | 84     | -0.8  | 32     | 97.7  |
| 2008 | 62     | 99.3  | 99.2  | 62     | -0.6  | 21     | 99.7  |
| 2009 | 53     | 100.1 | 99.4  | 53     | -0.9  | 22     | 97.1  |
| 2010 | 34     | 100.6 | 99.7  | 36     | -0.8  | 23     | 98.3  |
| 2011 | 34     | 101.8 | 99.0  | 36     | -0.4  | 20     | 95.8  |
| 2012 | 26     | 102.8 | 100.8 | 27     | -0.6  | 13     | 97.8  |
| 2013 | 22     | 102.1 | 100.0 | 25     | -0.6  | 12     | 100.3 |
| 2014 | 21     | 101.7 | 99.2  | 26     | -0.3  | 15     | 101.0 |
| 2015 | 21     | 102.8 | 99.7  | 25     | -0.4  | 14     | 97.9  |

Tabel: 49 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken

Basis: Dubbeldoel

Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V   | %E    | %L    | INET   |
|------|--------|---------|-------|-------|-------|------|-------|-------|--------|
| 1980 | 60     | -977.9  | -31.8 | -43.9 | -54.3 | 22.7 | -13.9 | -17.2 | -262.8 |
| 1981 | 107    | -1032.9 | -37.6 | -45.4 | -56.8 | 16.2 | -13.2 | -17.3 | -282.2 |
| 1982 | 125    | -1000.0 | -33.3 | -45.2 | -55.2 | 21.2 | -15.0 | -17.1 | -271.8 |
| 1983 | 151    | -954.9  | -30.5 | -43.9 | -53.2 | 22.8 | -15.5 | -17.0 | -260.1 |
| 1984 | 137    | -918.5  | -30.8 | -43.4 | -51.5 | 19.2 | -16.7 | -17.0 | -258.4 |
| 1985 | 190    | -985.1  | -28.4 | -43.8 | -54.5 | 29.8 | -13.1 | -17.1 | -255.4 |
| 1986 | 152    | -996.6  | -26.9 | -43.0 | -55.0 | 33.7 | -10.8 | -17.1 | -249.4 |
| 1987 | 141    | -750.7  | -21.2 | -36.4 | -43.9 | 22.8 | -14.8 | -16.7 | -207.1 |
| 1988 | 135    | -761.5  | -20.1 | -36.4 | -44.4 | 26.0 | -14.1 | -16.7 | -204.8 |
| 1989 | 114    | -645.1  | -14.2 | -33.5 | -39.1 | 27.1 | -16.0 | -16.4 | -178.9 |
| 1990 | 67     | -606.2  | -14.2 | -31.9 | -37.3 | 23.7 | -15.7 | -16.2 | -171.8 |
| 1991 | 65     | -589.8  | -11.6 | -30.8 | -36.5 | 26.3 | -14.7 | -16.2 | -161.7 |
| 1992 | 22     | -339.9  | -3.5  | -24.4 | -25.2 | 19.6 | -18.7 | -16.0 | -115.1 |
| 1993 | 25     | -198.2  | -2.7  | -18.9 | -18.7 | 11.8 | -17.8 | -15.5 | -88.9  |
| 1994 | 16     | -405.2  | -1.0  | -22.1 | -28.1 | 29.7 | -11.3 | -16.0 | -101.4 |
| 1995 | 23     | -274.8  | -6.0  | -19.8 | -22.1 | 11.4 | -15.1 | -15.7 | -100.4 |
| 1996 | 18     | -47.7   | 0.2   | -13.8 | -11.8 | 6.4  | -18.2 | -15.4 | -59.7  |
| 1997 | 10     | 78.5    | 13.2  | -10.2 | -6.0  | 16.5 | -19.5 | -15.1 | -15.8  |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 50 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | H    | VH   | IH   | OH    | CS   | KL   | KB   |
|------|--------|------|------|------|-------|------|------|------|
| 1980 | 34     | 93.0 | 90.3 | 94.1 | 100.2 | 91.9 | 87.0 | 96.7 |
| 1981 | 45     | 93.0 | 91.5 | 94.3 | 100.0 | 93.0 | 87.3 | 97.2 |
| 1982 | 44     | 93.8 | 90.9 | 94.7 | 100.9 | 92.0 | 86.9 | 97.2 |
| 1983 | 63     | 94.0 | 90.6 | 94.7 | 101.1 | 91.6 | 87.0 | 96.9 |
| 1984 | 50     | 94.6 | 90.5 | 95.5 | 102.0 | 91.5 | 86.4 | 97.4 |
| 1985 | 57     | 94.0 | 90.9 | 95.1 | 101.3 | 92.1 | 86.1 | 96.4 |
| 1986 | 41     | 94.5 | 91.0 | 95.3 | 101.4 | 92.0 | 86.9 | 97.1 |
| 1987 | 42     | 96.0 | 91.0 | 95.4 | 102.0 | 92.4 | 88.0 | 97.9 |
| 1988 | 34     | 95.5 | 91.6 | 95.8 | 101.9 | 92.3 | 87.3 | 98.8 |
| 1989 | 39     | 95.6 | 90.5 | 96.3 | 102.7 | 91.1 | 86.5 | 97.9 |
| 1990 | 22     | 96.5 | 90.0 | 96.5 | 103.4 | 91.0 | 87.1 | 97.0 |
| 1991 | 15     | 94.6 | 91.5 | 95.9 | 102.1 | 92.5 | 85.7 | 97.3 |
| 1993 | 12     | 96.5 | 90.1 | 96.1 | 102.8 | 91.8 | 88.8 | 99.1 |

Tabel: 51 Holstein - Fries Hollands zwartbont: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | BA   | BZ   | KH   | BG   |
|------|--------|------|------|------|------|
| 1980 | 34     | 92.5 | 98.4 | 88.8 | 89.9 |
| 1981 | 45     | 93.2 | 96.8 | 88.8 | 90.6 |
| 1982 | 44     | 94.1 | 97.4 | 88.8 | 91.6 |
| 1983 | 63     | 93.6 | 98.3 | 88.3 | 91.0 |
| 1984 | 50     | 93.3 | 99.3 | 89.0 | 90.7 |
| 1985 | 57     | 93.6 | 99.2 | 88.6 | 90.8 |
| 1986 | 41     | 92.9 | 99.1 | 89.0 | 90.2 |
| 1987 | 42     | 93.4 | 98.6 | 89.6 | 90.7 |
| 1988 | 34     | 94.2 | 98.3 | 90.1 | 91.9 |
| 1989 | 39     | 94.3 | 99.5 | 89.3 | 91.8 |
| 1990 | 22     | 94.5 | 99.7 | 90.4 | 92.0 |

|      |    |      |       |      |      |
|------|----|------|-------|------|------|
| 1991 | 15 | 95.8 | 97.7  | 91.0 | 93.5 |
| 1993 | 12 | 94.9 | 100.8 | 90.8 | 93.4 |

Tabel: 52 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | VA    | VP   | SL   | UD    | AH    | OB    | AP   |
|------|--------|-------|------|------|-------|-------|-------|------|
| 1980 | 34     | 98.9  | 95.7 | 97.4 | 99.9  | 98.1  | 95.8  | 94.6 |
| 1981 | 45     | 99.1  | 95.6 | 97.3 | 100.3 | 97.1  | 96.8  | 94.8 |
| 1982 | 44     | 99.4  | 96.7 | 96.7 | 100.8 | 98.7  | 97.1  | 95.4 |
| 1983 | 63     | 99.4  | 96.3 | 96.4 | 101.0 | 98.9  | 97.0  | 95.0 |
| 1984 | 50     | 100.3 | 97.3 | 96.2 | 101.0 | 100.4 | 98.0  | 96.6 |
| 1985 | 57     | 100.4 | 97.1 | 96.5 | 101.3 | 99.8  | 96.7  | 95.4 |
| 1986 | 41     | 99.7  | 96.0 | 96.7 | 100.5 | 99.5  | 96.9  | 95.0 |
| 1987 | 42     | 100.4 | 97.1 | 97.8 | 101.9 | 100.1 | 97.2  | 95.9 |
| 1988 | 34     | 100.8 | 97.8 | 98.6 | 101.6 | 99.6  | 97.6  | 95.6 |
| 1989 | 39     | 101.3 | 98.1 | 97.8 | 102.2 | 101.1 | 98.4  | 96.7 |
| 1990 | 22     | 101.5 | 98.9 | 96.5 | 101.7 | 101.8 | 98.4  | 97.1 |
| 1991 | 15     | 101.6 | 99.9 | 97.1 | 102.1 | 100.0 | 99.5  | 98.1 |
| 1993 | 12     | 100.8 | 99.9 | 98.7 | 102.2 | 103.0 | 101.7 | 99.8 |

Tabel: 53 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | F    | T    | U     | B    | Bs   | Ext  |
|------|--------|------|------|-------|------|------|------|
| 1980 | 34     | 86.3 | 91.9 | 98.6  | 88.0 | 95.0 | 87.6 |
| 1981 | 45     | 87.0 | 93.0 | 98.7  | 88.2 | 96.2 | 88.1 |
| 1982 | 44     | 86.9 | 92.8 | 99.7  | 89.2 | 94.7 | 89.0 |
| 1983 | 63     | 86.6 | 92.5 | 99.8  | 88.8 | 94.5 | 88.9 |
| 1984 | 50     | 86.9 | 93.3 | 100.6 | 88.9 | 93.7 | 89.5 |
| 1985 | 57     | 86.0 | 93.1 | 100.5 | 89.0 | 94.7 | 89.3 |
| 1986 | 41     | 87.0 | 93.4 | 99.9  | 88.5 | 94.6 | 89.0 |
| 1987 | 42     | 88.1 | 94.3 | 100.8 | 88.9 | 94.6 | 90.2 |
| 1988 | 34     | 88.6 | 94.5 | 101.1 | 90.2 | 95.6 | 91.1 |
| 1989 | 39     | 87.4 | 93.6 | 102.0 | 90.1 | 93.6 | 91.1 |
| 1990 | 22     | 87.2 | 93.9 | 101.8 | 90.5 | 92.9 | 91.2 |
| 1991 | 15     | 86.9 | 94.4 | 101.7 | 91.5 | 95.0 | 91.5 |
| 1993 | 12     | 89.0 | 94.5 | 102.8 | 91.8 | 93.8 | 92.9 |

Tabel: 54 Holstein - Fries Hollands zwartbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 221    | 103.0 | 104.1 | 106.2 | 104.7 | 103.0 | 102.2 | 93.7 | 105.7 |
| 1981 | 286    | 102.6 | 104.6 | 106.3 | 105.1 | 103.0 | 102.5 | 94.4 | 106.0 |
| 1982 | 333    | 102.8 | 103.8 | 105.9 | 104.3 | 102.9 | 102.5 | 94.4 | 105.4 |
| 1983 | 321    | 102.9 | 103.3 | 105.8 | 104.0 | 102.8 | 102.6 | 94.3 | 105.1 |
| 1984 | 247    | 103.2 | 102.7 | 105.7 | 103.6 | 102.7 | 102.3 | 94.8 | 104.9 |
| 1985 | 303    | 102.8 | 103.0 | 105.5 | 103.6 | 102.5 | 102.2 | 95.4 | 104.8 |
| 1986 | 244    | 102.5 | 102.4 | 104.8 | 103.1 | 102.1 | 101.3 | 95.1 | 104.1 |
| 1987 | 169    | 102.2 | 102.4 | 104.3 | 102.8 | 102.2 | 101.8 | 96.1 | 103.8 |
| 1988 | 140    | 103.0 | 101.7 | 104.5 | 102.5 | 102.8 | 102.4 | 94.3 | 103.7 |



|      |     |       |       |       |       |       |       |      |       |
|------|-----|-------|-------|-------|-------|-------|-------|------|-------|
| 1989 | 114 | 103.2 | 101.4 | 104.2 | 102.2 | 102.8 | 102.3 | 94.4 | 103.4 |
| 1990 | 68  | 102.2 | 100.8 | 103.3 | 101.3 | 101.9 | 101.9 | 94.8 | 102.4 |
| 1991 | 66  | 102.7 | 100.9 | 103.5 | 101.5 | 102.3 | 101.9 | 94.7 | 102.7 |
| 1992 | 22  | 102.0 | 100.8 | 102.8 | 101.2 | 101.7 | 102.0 | 96.1 | 102.1 |
| 1993 | 25  | 102.1 | 101.7 | 103.3 | 102.1 | 102.4 | 103.1 | 97.0 | 102.8 |
| 1994 | 17  | 101.2 | 101.7 | 102.7 | 101.5 | 101.4 | 101.6 | 97.4 | 102.3 |
| 1995 | 24  | 101.5 | 101.8 | 102.7 | 101.6 | 101.6 | 101.6 | 97.9 | 102.3 |
| 1996 | 18  | 101.3 | 101.6 | 102.5 | 101.4 | 101.5 | 101.2 | 98.6 | 102.2 |
| 1997 | 10  | 101.3 | 99.7  | 101.1 | 99.9  | 101.0 | 101.2 | 95.7 | 100.5 |

Tabel: 55 Holstein - Fries Hollands zwartbont: Gebruikskennmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | MS   | Kar  | SCC   | SKM   | KM    |
|------|--------|------|------|-------|-------|-------|
| 1980 | 34     | 96.6 | 47.6 | 99.3  | 103.6 | 105.4 |
| 1981 | 46     | 96.5 | 57.7 | 99.0  | 103.6 | 105.0 |
| 1982 | 52     | 96.7 | 67.0 | 98.8  | 103.4 | 104.7 |
| 1983 | 66     | 96.8 | 68.4 | 99.1  | 103.8 | 104.9 |
| 1984 | 50     | 96.9 | 79.8 | 98.7  | 103.3 | 104.7 |
| 1985 | 65     | 96.1 | 82.7 | 99.2  | 103.5 | 104.8 |
| 1986 | 39     | 96.9 | 61.0 | 99.0  | 103.0 | 104.7 |
| 1987 | 44     | 96.6 | 80.4 | 100.1 | 103.8 | 105.4 |
| 1988 | 35     | 96.4 | 70.8 | 98.8  | 102.7 | 104.1 |
| 1989 | 38     | 96.0 | 72.9 | 98.9  | 102.5 | 104.2 |
| 1990 | 20     | 96.7 | 86.0 | 98.9  | 102.8 | 104.0 |
| 1991 | 13     | 98.6 | 88.5 | 98.8  | 102.3 | 103.9 |
| 1993 | 15     | 98.0 | 90.1 | 98.5  | 101.5 | 103.3 |

Tabel: 56 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B    | Gin  |
|------|--------|--------|--------|--------|-------|-------|-------|------|------|
| 1980 | 60     | -111.0 | -262.8 | -86.0  | 105.2 | 105.7 | 98.6  | 88.0 | 98.9 |
| 1981 | 105    | -103.2 | -282.2 | -73.3  | 104.9 | 106.0 | 98.7  | 88.2 | 98.3 |
| 1982 | 125    | -106.2 | -271.8 | -99.0  | 104.6 | 105.4 | 99.7  | 89.2 | 98.3 |
| 1983 | 151    | -111.1 | -260.1 | -93.2  | 105.0 | 105.1 | 99.8  | 88.8 | 98.4 |
| 1984 | 137    | -110.9 | -258.4 | -118.5 | 104.7 | 104.9 | 100.6 | 88.9 | 98.2 |
| 1985 | 190    | -111.5 | -255.4 | -127.6 | 104.8 | 104.8 | 100.5 | 89.0 | 98.5 |
| 1986 | 152    | -106.8 | -249.4 | -100.4 | 104.4 | 104.1 | 99.9  | 88.5 | 98.1 |
| 1987 | 141    | -90.4  | -207.1 | -88.7  | 105.3 | 103.8 | 100.8 | 88.9 | 98.0 |
| 1988 | 135    | -85.3  | -204.8 | -103.7 | 103.9 | 103.7 | 101.1 | 90.2 | 98.2 |
| 1989 | 114    | -76.6  | -178.9 | -116.4 | 103.9 | 103.4 | 102.0 | 90.1 | 98.5 |
| 1990 | 67     | -74.7  | -171.8 | -87.8  | 104.0 | 102.4 | 101.8 | 90.5 | 98.4 |
| 1991 | 65     | -69.5  | -161.7 | -92.8  | 103.7 | 102.7 | 101.7 | 91.5 | 98.8 |
| 1992 | 22     | -62.5  | -115.1 | -87.5  | 102.5 | 102.1 | 102.1 | 90.2 | 99.4 |
| 1993 | 25     | -62.5  | -88.9  | -102.7 | 102.9 | 102.8 | 102.8 | 91.8 | 99.8 |
| 1994 | 16     | -75.3  | -101.4 | -158.5 | 103.1 | 102.3 | 102.8 | 90.0 | 98.9 |
| 1995 | 23     | -57.9  | -100.4 | -63.9  | 103.6 | 102.3 | 103.8 | 91.5 | 98.9 |
| 1996 | 18     | -57.1  | -59.7  | -60.5  | 103.7 | 102.2 | 99.2  | 89.2 | 99.0 |
| 1997 | 10     | -35.8  | -15.8  | 9.7    | 101.9 | 100.5 | 101.8 | 94.5 | 99.5 |

Tabel: 57 Holstein - Fries Hollands zwartbont: Levensvatbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | LVg  | LVa   | LVg1 | LVa1  | LVg2  | LVa2 |
|------|--------|------|-------|------|-------|-------|------|
| 1980 | 12     | 98.3 | 99.4  | 98.3 | 99.4  | 99.3  | 97.8 |
| 1981 | 13     | 97.7 | 99.4  | 97.7 | 99.4  | 99.2  | 98.6 |
| 1982 | 17     | 97.6 | 100.1 | 97.6 | 100.1 | 99.2  | 98.8 |
| 1983 | 26     | 97.5 | 99.9  | 97.5 | 99.9  | 98.9  | 98.3 |
| 1984 | 26     | 97.6 | 99.1  | 97.6 | 99.1  | 99.0  | 97.3 |
| 1985 | 23     | 97.3 | 99.2  | 97.3 | 99.2  | 98.2  | 97.6 |
| 1986 | 15     | 98.3 | 99.5  | 98.3 | 99.5  | 99.5  | 98.1 |
| 1987 | 20     | 97.3 | 98.8  | 97.3 | 98.8  | 98.5  | 97.7 |
| 1988 | 12     | 97.2 | 98.5  | 97.2 | 98.5  | 99.3  | 99.0 |
| 1989 | 18     | 97.6 | 99.7  | 97.6 | 99.7  | 99.6  | 98.9 |
| 1990 | 12     | 97.5 | 99.5  | 97.5 | 99.5  | 99.4  | 98.4 |
| 1991 | 15     | 97.9 | 99.3  | 97.9 | 99.3  | 99.6  | 97.9 |
| 1993 | 16     | 99.8 | 100.2 | 99.8 | 100.2 | 101.6 | 98.4 |

Tabel: 58 Holstein - Fries Hollands zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw  | Afk  | MDt  | MGw   |
|------|--------|-------|-------|------|------|------|-------|
| 1980 | 58     | 102.4 | 100.5 | 98.1 | 75.8 | 73.9 | 74.1  |
| 1981 | 83     | 101.2 | 101.4 | 99.3 | 82.1 | 81.4 | 84.0  |
| 1982 | 106    | 101.0 | 102.0 | 99.4 | 86.6 | 86.8 | 89.3  |
| 1983 | 138    | 101.5 | 102.0 | 98.9 | 90.6 | 91.7 | 94.0  |
| 1984 | 118    | 100.9 | 102.0 | 99.4 | 91.2 | 91.0 | 94.2  |
| 1985 | 132    | 101.4 | 102.0 | 98.9 | 94.9 | 95.9 | 98.7  |
| 1986 | 99     | 101.7 | 101.3 | 98.7 | 93.7 | 92.7 | 94.4  |
| 1987 | 101    | 101.2 | 101.9 | 99.0 | 95.9 | 95.9 | 96.9  |
| 1988 | 75     | 101.5 | 102.1 | 98.9 | 99.3 | 96.8 | 100.2 |
| 1989 | 64     | 101.5 | 101.9 | 98.9 | 99.0 | 97.1 | 100.2 |
| 1990 | 45     | 102.0 | 100.7 | 98.6 | 99.0 | 97.3 | 100.3 |
| 1991 | 44     | 101.8 | 100.8 | 98.5 | 94.2 | 93.0 | 95.8  |
| 1992 | 13     | 101.8 | 100.1 | 98.2 | 82.8 | 84.1 | 86.3  |
| 1993 | 21     | 102.1 | 100.6 | 98.3 | 74.5 | 75.4 | 77.3  |
| 1994 | 10     | 100.5 | 101.0 | 99.7 | 87.5 | 87.9 | 90.3  |
| 1995 | 13     | 101.6 | 100.4 | 98.8 | 76.4 | 75.6 | 76.0  |
| 1996 | 10     | 100.7 | 100.3 | 99.5 | 89.0 | 88.6 | 90.2  |

Tabel: 59 Holstein - Fries Hollands zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1980 | 15     | 99.7  | 95.7  | 97.7  | 95.5  | 99.1  | 97.6  | 101.1 | 97.9 | 99.7  | 96.9  | 95.1  |
| 1981 | 20     | 99.5  | 98.3  | 96.2  | 97.0  | 101.4 | 97.8  | 101.0 | 95.3 | 101.3 | 95.0  | 97.0  |
| 1982 | 30     | 98.7  | 94.9  | 98.3  | 95.8  | 98.6  | 98.0  | 100.8 | 96.0 | 99.4  | 96.0  | 95.4  |
| 1983 | 46     | 99.3  | 95.4  | 97.5  | 95.0  | 99.5  | 96.8  | 101.1 | 96.3 | 100.5 | 95.5  | 95.7  |
| 1984 | 35     | 99.1  | 94.2  | 98.7  | 95.6  | 97.6  | 97.2  | 101.3 | 96.5 | 99.0  | 96.3  | 96.4  |
| 1985 | 40     | 100.3 | 96.0  | 97.6  | 96.3  | 98.9  | 97.6  | 101.6 | 97.9 | 100.4 | 95.5  | 98.0  |
| 1986 | 27     | 99.7  | 96.4  | 97.7  | 96.5  | 100.0 | 98.7  | 101.2 | 96.4 | 99.9  | 96.7  | 97.1  |
| 1987 | 35     | 99.8  | 96.0  | 97.8  | 96.2  | 98.4  | 97.4  | 101.3 | 97.9 | 100.0 | 96.6  | 97.9  |
| 1988 | 22     | 99.2  | 94.8  | 99.6  | 95.4  | 97.8  | 97.9  | 100.7 | 97.4 | 99.3  | 96.7  | 98.3  |
| 1989 | 27     | 99.3  | 93.3  | 98.9  | 95.1  | 96.0  | 97.7  | 101.6 | 98.2 | 97.5  | 96.8  | 96.3  |
| 1990 | 15     | 98.7  | 92.7  | 100.1 | 94.5  | 97.1  | 97.7  | 100.0 | 98.6 | 97.9  | 97.4  | 95.1  |
| 1991 | 19     | 96.9  | 93.2  | 99.7  | 94.3  | 97.4  | 98.9  | 98.8  | 95.7 | 98.7  | 97.7  | 94.5  |
| 1993 | 19     | 96.5  | 92.9  | 98.9  | 94.3  | 96.3  | 98.5  | 98.4  | 95.8 | 98.7  | 97.3  | 93.7  |

Tabel: 60 Holstein - Fries Hollands zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1980 | 12     | 101.0 | 98.2  | 100.7 |
| 1981 | 13     | 101.5 | 98.2  | 99.5  |
| 1982 | 17     | 101.8 | 98.4  | 100.2 |
| 1983 | 24     | 101.2 | 98.2  | 99.6  |
| 1984 | 26     | 100.9 | 98.0  | 99.5  |
| 1985 | 22     | 100.3 | 97.5  | 99.3  |
| 1986 | 14     | 100.3 | 97.6  | 99.2  |
| 1987 | 19     | 100.7 | 97.9  | 99.7  |
| 1988 | 11     | 100.1 | 97.0  | 99.3  |
| 1989 | 17     | 101.1 | 98.0  | 100.4 |
| 1990 | 12     | 102.2 | 98.9  | 100.2 |
| 1991 | 16     | 100.9 | 98.0  | 98.8  |
| 1993 | 16     | 102.0 | 98.7  | 100.8 |

Tabel: 61 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Pers  | RTM   | Aantal | DSopn | Aantal | Gew |
|------|--------|-------|-------|--------|-------|--------|-----|
| 1980 | 60     | 99.0  | 99.2  | 1      | -1.9  | 0      | 0.0 |
| 1981 | 107    | 98.5  | 98.7  | 0      | 0.0   | 0      | 0.0 |
| 1982 | 125    | 98.3  | 99.2  | 0      | 0.0   | 0      | 0.0 |
| 1983 | 151    | 98.5  | 99.0  | 0      | 0.0   | 0      | 0.0 |
| 1984 | 137    | 98.2  | 98.8  | 1      | -2.2  | 0      | 0.0 |
| 1985 | 190    | 98.0  | 97.8  | 190    | -3.5  | 0      | 0.0 |
| 1986 | 152    | 99.4  | 97.9  | 152    | -3.2  | 0      | 0.0 |
| 1987 | 141    | 99.4  | 98.5  | 141    | -2.8  | 0      | 0.0 |
| 1988 | 135    | 98.4  | 98.5  | 135    | -2.8  | 0      | 0.0 |
| 1989 | 114    | 99.3  | 98.7  | 114    | -2.7  | 0      | 0.0 |
| 1990 | 67     | 98.9  | 98.6  | 67     | -2.6  | 0      | 0.0 |
| 1991 | 65     | 99.3  | 99.5  | 65     | -2.5  | 0      | 0.0 |
| 1992 | 22     | 99.6  | 100.0 | 22     | -2.0  | 0      | 0.0 |
| 1993 | 25     | 99.6  | 99.0  | 25     | -2.1  | 0      | 0.0 |
| 1994 | 16     | 99.4  | 98.7  | 16     | -2.0  | 0      | 0.0 |
| 1995 | 23     | 101.2 | 98.3  | 24     | -1.9  | 0      | 0.0 |
| 1996 | 18     | 100.7 | 97.3  | 18     | -1.4  | 0      | 0.0 |
| 1997 | 10     | 102.0 | 99.7  | 10     | -1.4  | 0      | 0.0 |

Tabel: 62 Fries Hollands - zwartbont: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V   | %E    | %L    | INET   |
|------|--------|---------|-------|-------|-------|------|-------|-------|--------|
| 1980 | 13     | -1005.1 | -36.3 | -46.1 | -55.5 | 15.8 | -16.5 | -17.2 | -281.9 |
| 1981 | 14     | -937.4  | -32.0 | -43.7 | -52.5 | 18.6 | -16.6 | -17.3 | -262.1 |
| 1982 | 14     | -824.4  | -29.1 | -40.6 | -47.2 | 14.4 | -18.1 | -16.7 | -241.9 |
| 1983 | 19     | -798.4  | -25.4 | -40.1 | -46.1 | 18.7 | -19.1 | -16.8 | -231.6 |
| 1984 | 17     | -823.8  | -28.9 | -41.4 | -47.1 | 14.5 | -19.6 | -16.4 | -244.3 |

|      |    |        |       |       |       |      |       |       |        |
|------|----|--------|-------|-------|-------|------|-------|-------|--------|
| 1985 | 20 | -696.3 | -25.9 | -38.7 | -41.4 | 9.7  | -22.4 | -16.3 | -225.4 |
| 1986 | 13 | -719.1 | -19.8 | -37.1 | -42.5 | 22.2 | -18.5 | -16.6 | -206.4 |
| 1987 | 20 | -578.4 | -17.9 | -30.9 | -36.0 | 14.2 | -15.9 | -16.4 | -174.9 |
| 1988 | 19 | -674.7 | -22.2 | -36.7 | -40.4 | 13.8 | -20.4 | -16.4 | -209.4 |
| 1989 | 19 | -607.5 | -21.4 | -31.8 | -37.2 | 10.2 | -16.0 | -16.0 | -186.6 |
| 1990 | 15 | -463.3 | -15.1 | -30.9 | -30.8 | 9.9  | -23.3 | -16.0 | -167.5 |
| 1991 | 18 | -543.4 | -20.6 | -32.3 | -34.4 | 6.4  | -20.6 | -16.2 | -186.3 |
| 1992 | 13 | -471.8 | -14.8 | -30.9 | -31.1 | 10.6 | -22.8 | -15.9 | -167.2 |
| 1993 | 17 | -264.4 | -10.2 | -19.6 | -21.8 | 3.7  | -15.5 | -15.7 | -108.2 |
| 1994 | 10 | -28.9  | 6.6   | -15.4 | -11.0 | 13.0 | -21.9 | -15.2 | -52.6  |
| 1995 | 15 | -183.5 | -1.4  | -22.4 | -18.0 | 11.4 | -25.2 | -15.6 | -100.1 |
| 1996 | 10 | -515.3 | -26.8 | -28.6 | -33.2 | -6.6 | -16.1 | -16.3 | -183.5 |
| 2001 | 13 | -151.8 | -4.9  | -17.0 | -15.0 | 3.5  | -17.8 | -13.0 | -84.5  |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 63 Fries Hollands - zwartbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | H    | VH   | IH   | OH   | CS   | KL   | KB    |
|------|--------|------|------|------|------|------|------|-------|
| 1980 | 17     | 91.4 | 91.6 | 92.4 | 97.6 | 94.1 | 86.4 | 98.8  |
| 1981 | 15     | 90.9 | 92.3 | 92.3 | 97.3 | 94.9 | 86.7 | 99.6  |
| 1982 | 15     | 91.1 | 91.9 | 92.1 | 97.5 | 94.9 | 87.1 | 97.9  |
| 1983 | 17     | 90.6 | 91.1 | 91.8 | 97.7 | 94.8 | 86.3 | 97.4  |
| 1984 | 17     | 91.1 | 92.0 | 92.5 | 97.6 | 94.4 | 86.2 | 98.9  |
| 1985 | 17     | 92.5 | 92.1 | 93.2 | 98.7 | 94.1 | 85.9 | 99.6  |
| 1986 | 12     | 93.0 | 91.2 | 92.4 | 98.8 | 94.8 | 85.8 | 97.6  |
| 1987 | 13     | 91.1 | 92.3 | 92.9 | 98.2 | 94.5 | 85.0 | 97.5  |
| 1988 | 16     | 92.6 | 92.5 | 93.4 | 98.4 | 94.9 | 86.3 | 100.6 |
| 1989 | 15     | 93.0 | 91.6 | 93.3 | 99.2 | 94.7 | 85.1 | 98.6  |
| 1990 | 14     | 93.3 | 91.5 | 93.4 | 99.4 | 94.2 | 86.9 | 99.5  |
| 1991 | 13     | 92.3 | 91.5 | 93.3 | 98.8 | 93.7 | 85.7 | 99.0  |
| 1993 | 15     | 91.4 | 91.2 | 93.2 | 99.1 | 93.3 | 84.9 | 98.2  |
| 1996 | 11     | 93.1 | 92.0 | 93.7 | 99.7 | 94.6 | 85.8 | 99.5  |

Tabel: 64 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | BA   | BZ   | KH   | BG   |
|------|--------|------|------|------|------|
| 1980 | 17     | 92.9 | 97.7 | 87.9 | 89.8 |
| 1981 | 15     | 92.3 | 97.2 | 88.0 | 89.2 |
| 1982 | 15     | 93.5 | 97.4 | 87.7 | 90.3 |
| 1983 | 17     | 92.2 | 98.9 | 87.8 | 89.0 |
| 1984 | 17     | 93.6 | 98.8 | 87.1 | 90.2 |
| 1985 | 17     | 93.4 | 97.8 | 87.8 | 90.0 |
| 1986 | 12     | 93.2 | 96.8 | 90.2 | 90.0 |
| 1987 | 13     | 92.1 | 98.2 | 88.3 | 88.8 |
| 1988 | 16     | 94.1 | 97.4 | 89.3 | 90.9 |
| 1989 | 15     | 94.6 | 98.1 | 88.6 | 91.3 |
| 1990 | 14     | 95.0 | 98.2 | 89.7 | 91.9 |
| 1991 | 13     | 94.0 | 98.0 | 88.5 | 91.0 |
| 1993 | 15     | 94.3 | 98.5 | 88.9 | 91.7 |
| 1996 | 11     | 95.4 | 98.3 | 90.3 | 92.6 |

Tabel: 65 Fries Hollands - zwartbont: Exterieurkenmerken uier

Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | VA    | VP   | SL   | UD    | AH   | OB   | AP   |
|------|--------|-------|------|------|-------|------|------|------|
| 1980 | 17     | 99.5  | 97.6 | 97.9 | 101.4 | 96.0 | 96.1 | 94.6 |
| 1981 | 15     | 98.6  | 96.9 | 98.1 | 100.5 | 96.1 | 96.2 | 94.6 |
| 1982 | 15     | 99.6  | 97.4 | 97.5 | 101.3 | 96.2 | 96.0 | 94.6 |
| 1983 | 17     | 98.6  | 96.3 | 97.4 | 100.4 | 96.8 | 95.6 | 94.1 |
| 1984 | 17     | 99.6  | 96.7 | 97.5 | 100.8 | 97.6 | 96.6 | 95.2 |
| 1985 | 17     | 99.6  | 97.4 | 97.3 | 100.8 | 96.8 | 96.0 | 94.6 |
| 1986 | 12     | 100.9 | 97.5 | 97.5 | 102.9 | 98.2 | 96.7 | 95.2 |
| 1987 | 13     | 100.2 | 98.6 | 97.3 | 101.3 | 98.7 | 97.8 | 96.5 |
| 1988 | 16     | 100.4 | 98.7 | 98.7 | 102.2 | 96.9 | 96.9 | 96.1 |
| 1989 | 15     | 100.5 | 98.8 | 98.2 | 102.2 | 98.0 | 97.7 | 96.9 |
| 1990 | 14     | 100.8 | 99.8 | 96.2 | 102.4 | 98.3 | 97.7 | 96.6 |
| 1991 | 13     | 100.5 | 98.8 | 97.2 | 101.5 | 97.8 | 97.4 | 96.2 |
| 1993 | 15     | 100.1 | 99.7 | 96.2 | 100.9 | 98.4 | 98.9 | 97.9 |
| 1996 | 11     | 100.5 | 99.4 | 96.9 | 101.6 | 98.9 | 98.5 | 96.9 |

Tabel: 66 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | F    | T    | U     | B    | Bs   | Ext  |
|------|--------|------|------|-------|------|------|------|
| 1980 | 17     | 86.8 | 92.0 | 98.9  | 87.6 | 98.6 | 87.8 |
| 1981 | 15     | 87.4 | 92.8 | 98.3  | 86.9 | 99.6 | 87.3 |
| 1982 | 15     | 86.6 | 92.3 | 98.9  | 87.9 | 98.9 | 87.8 |
| 1983 | 17     | 85.6 | 91.9 | 98.4  | 87.1 | 98.1 | 86.8 |
| 1984 | 17     | 86.9 | 92.5 | 99.4  | 88.4 | 98.5 | 88.5 |
| 1985 | 17     | 87.4 | 93.4 | 98.9  | 88.0 | 98.2 | 88.3 |
| 1986 | 12     | 85.8 | 92.8 | 100.9 | 88.2 | 97.2 | 88.8 |
| 1987 | 13     | 85.9 | 92.9 | 100.4 | 86.7 | 98.1 | 87.9 |
| 1988 | 16     | 88.6 | 94.1 | 99.8  | 88.8 | 99.2 | 89.6 |
| 1989 | 15     | 86.3 | 93.7 | 100.3 | 89.5 | 97.7 | 89.6 |
| 1990 | 14     | 87.7 | 93.6 | 100.6 | 90.1 | 97.8 | 90.4 |
| 1991 | 13     | 86.8 | 92.9 | 100.0 | 88.8 | 97.5 | 89.2 |
| 1993 | 15     | 86.1 | 92.5 | 99.9  | 89.8 | 97.1 | 89.1 |
| 1996 | 11     | 87.5 | 94.6 | 100.6 | 91.3 | 97.4 | 91.2 |

Tabel: 67 Fries Hollands - zwartbont: Vruchtbaarheidkenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 19     | 104.9 | 102.7 | 106.5 | 104.5 | 103.7 | 100.7 | 90.4 | 105.7 |
| 1981 | 20     | 104.8 | 102.4 | 106.0 | 104.0 | 103.5 | 100.2 | 91.8 | 105.2 |
| 1982 | 20     | 104.3 | 102.8 | 106.1 | 104.3 | 103.3 | 100.2 | 92.7 | 105.3 |
| 1983 | 23     | 104.4 | 102.4 | 105.7 | 103.9 | 103.2 | 100.5 | 91.7 | 105.0 |
| 1984 | 20     | 104.5 | 101.0 | 104.8 | 102.6 | 102.5 | 100.2 | 91.3 | 104.0 |
| 1985 | 20     | 103.5 | 102.3 | 104.8 | 103.3 | 102.5 | 100.2 | 92.9 | 104.3 |
| 1986 | 15     | 104.7 | 102.4 | 106.0 | 104.0 | 103.9 | 100.5 | 93.6 | 105.1 |
| 1987 | 22     | 103.8 | 101.2 | 104.4 | 102.5 | 102.2 | 99.6  | 91.9 | 103.6 |
| 1988 | 20     | 103.8 | 101.5 | 104.4 | 102.7 | 102.4 | 100.2 | 92.1 | 103.7 |
| 1989 | 19     | 104.1 | 100.7 | 104.1 | 102.2 | 102.5 | 101.2 | 92.4 | 103.3 |
| 1990 | 17     | 103.8 | 100.6 | 103.6 | 101.8 | 102.1 | 100.1 | 91.9 | 102.9 |
| 1991 | 19     | 103.6 | 100.2 | 103.4 | 101.3 | 101.9 | 100.0 | 92.2 | 102.5 |
| 1992 | 15     | 103.5 | 101.3 | 104.0 | 102.1 | 102.2 | 100.2 | 92.9 | 103.2 |

|      |    |       |       |       |       |       |       |      |       |
|------|----|-------|-------|-------|-------|-------|-------|------|-------|
| 1993 | 18 | 103.6 | 99.6  | 103.0 | 100.9 | 101.7 | 100.0 | 91.6 | 102.1 |
| 1994 | 10 | 103.5 | 100.6 | 103.5 | 101.8 | 102.0 | 99.3  | 91.8 | 102.7 |
| 1995 | 15 | 103.4 | 99.4  | 102.2 | 100.5 | 101.3 | 100.1 | 91.1 | 101.5 |
| 1996 | 14 | 103.7 | 100.4 | 103.7 | 101.8 | 102.2 | 100.2 | 92.9 | 103.0 |
| 2001 | 15 | 104.1 | 99.3  | 102.5 | 100.9 | 102.0 | 100.1 | 91.7 | 101.8 |
| 2003 | 12 | 103.7 | 100.0 | 102.9 | 101.1 | 101.8 | 99.8  | 91.9 | 102.2 |

Tabel: 68 Fries Hollands - zwartbont: Gebruikskennmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | MS   | Kar  | SCC   | SKM   | KM    |
|------|--------|------|------|-------|-------|-------|
| 1980 | 14     | 97.1 | 81.1 | 99.6  | 103.6 | 106.1 |
| 1981 | 12     | 97.0 | 80.3 | 99.8  | 103.8 | 106.0 |
| 1982 | 13     | 96.2 | 80.2 | 98.5  | 102.9 | 105.6 |
| 1983 | 14     | 96.6 | 74.9 | 98.7  | 103.0 | 105.2 |
| 1984 | 10     | 96.1 | 76.0 | 98.1  | 102.0 | 104.7 |
| 1985 | 11     | 96.3 | 94.6 | 99.0  | 102.1 | 104.4 |
| 1986 | 10     | 97.7 | 77.1 | 100.2 | 103.9 | 105.6 |
| 1989 | 10     | 98.6 | 58.7 | 96.3  | 99.5  | 103.2 |

Tabel: 69 Fries Hollands - zwartbont: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B    | Gin   |
|------|--------|--------|--------|--------|-------|-------|-------|------|-------|
| 1980 | 13     | -145.1 | -281.9 | -190.0 | 105.7 | 105.7 | 98.9  | 87.6 | 99.8  |
| 1981 | 14     | -136.3 | -262.1 | -253.1 | 105.6 | 105.2 | 98.3  | 86.9 | 100.4 |
| 1982 | 14     | -130.7 | -241.9 | -270.8 | 105.1 | 105.3 | 98.9  | 87.9 | 99.2  |
| 1983 | 19     | -144.6 | -231.6 | -265.8 | 104.8 | 105.0 | 98.4  | 87.1 | 98.9  |
| 1984 | 17     | -153.9 | -244.3 | -415.5 | 104.0 | 104.0 | 99.4  | 88.4 | 99.1  |
| 1985 | 20     | -144.7 | -225.4 | -392.7 | 103.9 | 104.3 | 98.9  | 88.0 | 99.1  |
| 1986 | 13     | -107.8 | -206.4 | -255.3 | 105.4 | 105.1 | 100.9 | 88.2 | 98.5  |
| 1987 | 20     | -126.8 | -174.9 | -378.3 | 104.3 | 103.6 | 100.4 | 86.7 | 98.8  |
| 1988 | 19     | -138.9 | -209.4 | -357.6 | 104.7 | 103.7 | 99.8  | 88.8 | 99.7  |
| 1989 | 19     | -139.3 | -186.6 | -373.8 | 101.8 | 103.3 | 100.3 | 89.5 | 99.4  |
| 1990 | 15     | -114.9 | -167.5 | -252.5 | 103.2 | 102.9 | 100.6 | 90.1 | 100.9 |
| 1991 | 18     | -127.1 | -186.3 | -332.6 | 103.7 | 102.5 | 100.0 | 88.8 | 99.9  |
| 1992 | 13     | -126.1 | -167.2 | -338.8 | 102.7 | 103.2 | 101.0 | 89.9 | 99.7  |
| 1993 | 17     | -115.6 | -108.2 | -295.4 | 102.3 | 102.1 | 99.9  | 89.8 | 99.3  |
| 1994 | 10     | -69.0  | -52.6  | -273.1 | 103.6 | 102.7 | 100.9 | 90.7 | 99.7  |
| 1995 | 15     | -77.8  | -100.1 | -198.7 | 103.1 | 101.5 | 99.9  | 91.0 | 100.0 |
| 1996 | 10     | -129.9 | -183.5 | -291.2 | 102.0 | 103.0 | 100.6 | 91.3 | 99.2  |
| 2001 | 13     | -70.8  | -84.5  | -165.2 | 101.4 | 101.8 | 102.2 | 91.5 | 99.5  |

Tabel: 70 Fries Hollands - zwartbont: Levensvatbaarheidskennmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | LVg  | LVa   | LVg1 | LVa1  | LVg2  | LVa2 |
|------|--------|------|-------|------|-------|-------|------|
| 1980 | 11     | 98.5 | 100.6 | 98.5 | 100.6 | 99.7  | 98.5 |
| 1981 | 13     | 98.7 | 100.9 | 98.7 | 100.9 | 100.2 | 98.6 |
| 1982 | 11     | 98.8 | 99.3  | 98.8 | 99.3  | 100.1 | 98.5 |
| 1983 | 13     | 98.5 | 99.5  | 98.5 | 99.5  | 99.6  | 97.7 |
| 1984 | 11     | 98.6 | 100.1 | 98.6 | 100.1 | 100.3 | 98.2 |

|      |    |      |       |      |       |       |      |
|------|----|------|-------|------|-------|-------|------|
| 1985 | 13 | 98.8 | 99.8  | 98.8 | 99.8  | 100.0 | 97.9 |
| 1986 | 10 | 98.8 | 99.0  | 98.8 | 99.0  | 99.4  | 97.4 |
| 1987 | 16 | 98.6 | 99.2  | 98.6 | 99.2  | 100.1 | 98.8 |
| 1988 | 14 | 99.5 | 99.6  | 99.5 | 99.6  | 100.9 | 98.7 |
| 1989 | 16 | 99.1 | 99.9  | 99.1 | 99.9  | 100.8 | 97.9 |
| 1990 | 12 | 99.8 | 101.0 | 99.8 | 101.0 | 100.8 | 99.2 |
| 1991 | 13 | 99.3 | 100.2 | 99.3 | 100.2 | 100.8 | 98.2 |
| 1992 | 11 | 99.3 | 100.0 | 99.3 | 100.0 | 100.5 | 98.5 |
| 1993 | 15 | 99.0 | 99.7  | 99.0 | 99.7  | 100.9 | 98.5 |
| 1994 | 10 | 99.6 | 99.6  | 99.6 | 99.6  | 101.3 | 98.5 |
| 1995 | 10 | 99.5 | 100.2 | 99.5 | 100.2 | 100.8 | 98.3 |
| 1996 | 11 | 99.2 | 99.6  | 99.2 | 99.6  | 100.7 | 97.6 |
| 2001 | 11 | 99.3 | 99.7  | 99.3 | 99.7  | 100.9 | 97.8 |

Tabel: 71 Fries Hollands - zwartbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw  | Afk  | MDt  | MGw  |
|------|--------|-------|-------|------|------|------|------|
| 1980 | 14     | 104.1 | 99.7  | 95.9 | 69.1 | 71.0 | 71.5 |
| 1981 | 15     | 104.3 | 99.5  | 95.9 | 65.3 | 65.7 | 66.9 |
| 1982 | 16     | 103.8 | 99.9  | 96.4 | 67.1 | 67.4 | 68.9 |
| 1983 | 15     | 103.9 | 99.5  | 96.5 | 71.2 | 72.0 | 73.6 |
| 1984 | 13     | 103.3 | 100.2 | 96.8 | 60.0 | 59.5 | 61.5 |
| 1985 | 15     | 103.1 | 99.1  | 97.1 | 71.7 | 72.3 | 73.6 |
| 1986 | 12     | 103.3 | 99.2  | 97.0 | 64.5 | 65.3 | 67.2 |
| 1987 | 13     | 103.1 | 99.1  | 97.2 | 68.3 | 68.3 | 69.2 |
| 1988 | 14     | 103.4 | 99.7  | 96.7 | 62.8 | 64.1 | 63.6 |
| 1989 | 14     | 102.5 | 100.6 | 97.9 | 62.2 | 63.5 | 65.4 |
| 1993 | 12     | 102.7 | 99.8  | 97.4 | 57.4 | 58.0 | 59.1 |
| 2001 | 11     | 103.0 | 98.9  | 97.4 | 62.5 | 62.7 | 64.4 |

Tabel: 72 Fries Hollands - zwartbont: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1980 | 15     | 99.9  | 98.4  | 96.1  | 93.8  | 105.3 | 95.1  | 100.9 | 94.2 | 105.7 | 94.5  | 95.6  |
| 1981 | 17     | 100.5 | 99.8  | 96.2  | 94.5  | 105.6 | 95.4  | 101.1 | 94.3 | 106.1 | 94.1  | 97.3  |
| 1982 | 17     | 101.2 | 99.1  | 96.1  | 94.5  | 105.8 | 94.7  | 102.5 | 94.7 | 105.2 | 94.4  | 96.4  |
| 1983 | 20     | 99.0  | 97.8  | 96.5  | 93.4  | 104.1 | 95.5  | 100.0 | 94.5 | 104.1 | 94.9  | 94.0  |
| 1984 | 17     | 99.4  | 98.5  | 96.4  | 93.3  | 104.8 | 95.6  | 100.1 | 95.2 | 103.8 | 95.8  | 93.8  |
| 1985 | 20     | 99.5  | 98.0  | 96.3  | 93.5  | 104.7 | 95.6  | 100.5 | 94.7 | 104.0 | 95.2  | 93.9  |
| 1986 | 15     | 99.5  | 97.1  | 97.9  | 92.9  | 104.4 | 96.0  | 100.2 | 95.5 | 103.6 | 95.3  | 93.1  |
| 1987 | 22     | 99.5  | 97.2  | 97.2  | 93.2  | 104.4 | 95.4  | 99.8  | 95.4 | 104.6 | 94.5  | 95.4  |
| 1988 | 19     | 97.9  | 97.1  | 96.3  | 93.5  | 102.5 | 96.5  | 98.8  | 94.9 | 102.8 | 95.0  | 93.4  |
| 1989 | 19     | 98.4  | 96.7  | 95.5  | 93.5  | 102.5 | 96.2  | 99.1  | 95.8 | 102.4 | 95.7  | 92.5  |
| 1990 | 16     | 97.4  | 97.1  | 97.6  | 93.4  | 102.6 | 98.1  | 98.1  | 94.9 | 103.4 | 97.1  | 92.9  |
| 1991 | 19     | 98.8  | 97.0  | 97.0  | 93.2  | 103.8 | 96.6  | 99.6  | 94.8 | 103.3 | 96.3  | 93.4  |
| 1992 | 13     | 97.5  | 96.3  | 96.9  | 93.4  | 101.2 | 97.5  | 98.4  | 95.0 | 102.5 | 95.6  | 93.2  |
| 1993 | 18     | 97.4  | 96.3  | 97.8  | 92.2  | 102.7 | 97.5  | 97.7  | 96.1 | 102.9 | 96.9  | 91.6  |
| 1994 | 10     | 98.0  | 99.4  | 96.3  | 94.3  | 104.2 | 97.8  | 98.1  | 95.1 | 105.6 | 96.1  | 93.8  |
| 1995 | 15     | 97.5  | 96.9  | 97.5  | 92.3  | 103.7 | 97.8  | 98.4  | 94.0 | 103.5 | 97.9  | 91.6  |
| 1996 | 13     | 97.2  | 95.2  | 96.6  | 92.5  | 101.0 | 97.8  | 97.8  | 95.4 | 102.0 | 95.3  | 92.9  |
| 2001 | 15     | 96.7  | 95.9  | 96.7  | 93.3  | 101.4 | 97.7  | 98.2  | 93.9 | 101.5 | 96.5  | 92.1  |
| 2003 | 11     | 96.9  | 96.5  | 96.1  | 93.3  | 101.6 | 97.3  | 97.9  | 94.5 | 102.5 | 95.9  | 92.5  |

Tabel: 73 Fries Hollands - zwartbont: Kalvervitaliteit  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1980 | 10     | 99.8  | 97.3  | 99.7  |
| 1981 | 12     | 99.1  | 97.0  | 99.7  |
| 1982 | 14     | 99.4  | 96.9  | 99.6  |
| 1983 | 15     | 100.1 | 97.6  | 100.1 |
| 1984 | 12     | 99.2  | 96.8  | 99.6  |
| 1985 | 13     | 100.4 | 97.9  | 100.2 |
| 1986 | 12     | 100.8 | 98.5  | 99.8  |
| 1987 | 16     | 100.2 | 97.8  | 100.4 |
| 1988 | 13     | 100.7 | 98.1  | 100.3 |
| 1989 | 16     | 100.6 | 97.9  | 100.7 |
| 1990 | 13     | 100.4 | 98.1  | 99.7  |
| 1991 | 14     | 100.4 | 97.9  | 100.3 |
| 1992 | 12     | 100.0 | 97.5  | 100.2 |
| 1993 | 18     | 101.0 | 98.4  | 99.9  |
| 1994 | 10     | 100.8 | 98.1  | 100.1 |
| 1995 | 12     | 101.8 | 99.2  | 100.2 |
| 1996 | 14     | 101.6 | 99.2  | 99.6  |
| 2001 | 14     | 101.2 | 98.5  | 100.4 |
| 2003 | 10     | 101.7 | 99.1  | 100.0 |

Tabel: 74 Fries Hollands - zwartbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2001 | 15     | -1788.8 | -6044.9 | -297.1 | -264.3 |
| 2003 | 10     | -1937.2 | -6404.0 | -328.0 | -283.2 |

Tabel: 75 Fries Hollands - zwartbont: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Pers  | RTM   | Aantal | DSopn | Aantal | Gew  |
|------|--------|-------|-------|--------|-------|--------|------|
| 1980 | 13     | 99.3  | 102.5 | 0      | 0.0   | 0      | 0.0  |
| 1981 | 14     | 99.3  | 100.9 | 0      | 0.0   | 0      | 0.0  |
| 1982 | 14     | 99.9  | 101.5 | 0      | 0.0   | 0      | 0.0  |
| 1983 | 19     | 99.2  | 102.5 | 0      | 0.0   | 0      | 0.0  |
| 1984 | 17     | 100.2 | 101.2 | 0      | 0.0   | 0      | 0.0  |
| 1985 | 20     | 99.7  | 102.2 | 20     | -3.3  | 0      | 0.0  |
| 1986 | 13     | 100.0 | 102.5 | 15     | -3.2  | 0      | 0.0  |
| 1987 | 20     | 101.8 | 101.8 | 21     | -3.0  | 0      | 0.0  |
| 1988 | 19     | 99.7  | 101.9 | 20     | -3.3  | 0      | 0.0  |
| 1989 | 19     | 98.8  | 100.8 | 19     | -3.0  | 0      | 0.0  |
| 1990 | 15     | 99.8  | 100.9 | 16     | -2.7  | 0      | 0.0  |
| 1991 | 18     | 99.6  | 100.8 | 19     | -3.2  | 0      | 0.0  |
| 1992 | 13     | 99.3  | 100.2 | 14     | -2.7  | 0      | 0.0  |
| 1993 | 17     | 100.5 | 101.6 | 18     | -2.7  | 0      | 0.0  |
| 1994 | 10     | 100.4 | 100.7 | 10     | -1.7  | 0      | 0.0  |
| 1995 | 15     | 102.5 | 101.9 | 15     | -1.8  | 0      | 0.0  |
| 1996 | 10     | 99.5  | 100.6 | 13     | -3.1  | 0      | 0.0  |
| 2001 | 13     | 100.5 | 100.8 | 15     | -2.1  | 8      | 88.0 |



2003            9   100.1   101.3            10   -1.9            5   91.4

Tabel: 76 Maas Rijn IJssel: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V    | %E    | %L    | INET   |
|------|--------|---------|-------|-------|-------|-------|-------|-------|--------|
| 1981 | 16     | -1296.4 | -56.2 | -53.2 | -68.8 | 3.5   | -10.6 | -18.0 | -357.0 |
| 1982 | 15     | -962.5  | -41.3 | -40.3 | -53.5 | 3.4   | -8.3  | -17.1 | -268.3 |
| 1984 | 24     | -1112.8 | -46.7 | -46.8 | -60.5 | 5.8   | -10.4 | -17.6 | -308.0 |
| 1985 | 16     | -1057.6 | -45.5 | -45.3 | -57.8 | 4.4   | -11.6 | -17.1 | -298.6 |
| 1986 | 20     | -868.5  | -35.4 | -37.1 | -49.1 | 6.8   | -9.1  | -16.6 | -241.1 |
| 1987 | 21     | -742.0  | -32.2 | -36.0 | -43.4 | 1.6   | -15.0 | -16.4 | -228.3 |
| 1989 | 12     | -1035.2 | -42.8 | -40.8 | -57.1 | 6.3   | -4.8  | -17.7 | -274.1 |
| 1990 | 11     | -584.1  | -17.7 | -25.7 | -36.3 | 15.1  | -6.3  | -16.3 | -153.6 |
| 1991 | 16     | -555.8  | -20.2 | -26.9 | -35.0 | 8.3   | -10.8 | -16.2 | -163.4 |
| 1992 | 18     | -782.9  | -27.2 | -31.9 | -45.4 | 14.4  | -5.4  | -16.8 | -201.6 |
| 1993 | 19     | -489.5  | -22.7 | -23.3 | -31.9 | -0.1  | -8.6  | -16.0 | -152.8 |
| 1994 | 17     | -405.6  | -15.2 | -22.4 | -28.1 | 4.9   | -12.1 | -15.9 | -132.3 |
| 1995 | 10     | -499.0  | -23.5 | -23.4 | -32.5 | -2.3  | -8.1  | -16.1 | -154.9 |
| 1996 | 11     | -196.0  | -6.1  | -14.5 | -18.6 | 6.3   | -10.9 | -15.7 | -77.9  |
| 1997 | 16     | -343.8  | -14.1 | -19.8 | -25.2 | 2.4   | -11.2 | -15.6 | -118.6 |
| 1998 | 15     | -117.3  | -9.8  | -8.1  | -15.1 | -6.3  | -6.1  | -15.4 | -58.5  |
| 1999 | 29     | -164.9  | -5.2  | -9.0  | -17.2 | 4.0   | -4.4  | -15.5 | -53.1  |
| 2000 | 19     | 7.8     | -0.2  | -4.9  | -9.4  | -0.5  | -8.2  | -15.3 | -23.4  |
| 2001 | 17     | 137.5   | -2.4  | -0.8  | 1.8   | -12.6 | -8.6  | -7.1  | -7.8   |
| 2002 | 15     | 98.4    | 2.4   | 0.8   | 0.7   | -1.5  | -3.5  | -5.7  | 8.6    |
| 2003 | 13     | 95.5    | -5.0  | -3.7  | -0.2  | -13.7 | -10.5 | -7.1  | -25.7  |
| 2004 | 17     | -53.4   | -8.6  | -6.8  | -4.2  | -9.7  | -7.1  | -2.5  | -47.1  |
| 2005 | 24     | -110.0  | -6.8  | -4.8  | -6.4  | -1.8  | -0.9  | -1.8  | -35.6  |
| 2006 | 16     | -24.3   | -5.0  | -1.6  | -0.2  | -5.3  | -0.7  | 1.4   | -16.9  |
| 2007 | 15     | 258.1   | 8.3   | 6.5   | 10.4  | -4.7  | -4.4  | -2.1  | 47.2   |
| 2008 | 10     | 237.7   | 10.9  | 6.9   | 7.3   | 1.1   | -2.5  | -5.5  | 53.4   |
| 2009 | 14     | 448.6   | 14.0  | 13.7  | 17.9  | -8.8  | -3.9  | -4.0  | 91.0   |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 77 Maas Rijn IJssel: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | H    | VH    | IH   | OH    | CS    | KL    | KB    |
|------|--------|------|-------|------|-------|-------|-------|-------|
| 1980 | 10     | 89.6 | 97.4  | 91.9 | 95.6  | 100.8 | 98.3  | 97.2  |
| 1981 | 19     | 92.0 | 98.5  | 94.0 | 96.9  | 99.8  | 98.7  | 98.4  |
| 1982 | 16     | 91.8 | 99.1  | 94.9 | 97.8  | 100.2 | 98.9  | 99.0  |
| 1984 | 26     | 92.6 | 97.8  | 94.4 | 97.8  | 99.1  | 99.2  | 97.9  |
| 1985 | 14     | 93.5 | 98.3  | 95.3 | 98.9  | 98.9  | 98.5  | 98.5  |
| 1986 | 17     | 93.6 | 98.4  | 94.9 | 98.6  | 98.8  | 98.5  | 97.5  |
| 1987 | 19     | 95.0 | 98.6  | 95.5 | 99.1  | 99.6  | 98.9  | 98.9  |
| 1989 | 10     | 92.7 | 101.1 | 97.4 | 99.6  | 101.7 | 99.1  | 99.9  |
| 1990 | 10     | 93.6 | 97.5  | 95.4 | 98.7  | 99.3  | 99.9  | 99.9  |
| 1991 | 12     | 94.2 | 96.4  | 95.9 | 99.5  | 98.5  | 100.2 | 97.9  |
| 1992 | 11     | 97.1 | 100.0 | 99.0 | 101.9 | 99.7  | 99.0  | 100.5 |
| 1993 | 18     | 96.5 | 99.0  | 96.8 | 100.2 | 99.3  | 97.8  | 98.3  |
| 1994 | 12     | 95.2 | 98.5  | 97.1 | 100.7 | 98.6  | 96.8  | 99.2  |
| 1996 | 11     | 96.2 | 98.8  | 97.1 | 100.5 | 99.8  | 99.9  | 100.0 |
| 1997 | 13     | 98.2 | 97.7  | 97.5 | 101.2 | 97.5  | 97.5  | 99.3  |
| 1998 | 14     | 97.1 | 100.1 | 98.9 | 102.1 | 98.4  | 98.8  | 99.4  |
| 1999 | 24     | 97.9 | 99.0  | 98.1 | 101.5 | 97.9  | 99.2  | 97.6  |

|      |    |       |       |       |       |      |       |       |
|------|----|-------|-------|-------|-------|------|-------|-------|
| 2000 | 14 | 99.5  | 99.4  | 98.8  | 102.1 | 98.8 | 100.4 | 100.5 |
| 2001 | 14 | 99.5  | 100.1 | 99.7  | 103.1 | 97.5 | 99.4  | 99.9  |
| 2002 | 10 | 99.8  | 98.6  | 99.7  | 103.1 | 97.8 | 99.1  | 98.7  |
| 2005 | 10 | 101.2 | 100.5 | 100.1 | 103.4 | 99.0 | 99.5  | 100.3 |
| 2007 | 12 | 101.8 | 100.8 | 99.8  | 103.4 | 98.5 | 100.8 | 101.3 |
| 2009 | 12 | 102.2 | 100.6 | 100.9 | 103.9 | 97.9 | 99.2  | 100.7 |

Tabel: 78 Maas Rijn IJssel: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | BA    | BZ    | KH   | BG    |
|------|--------|-------|-------|------|-------|
| 1980 | 10     | 92.0  | 100.2 | 89.5 | 90.1  |
| 1981 | 19     | 93.0  | 98.1  | 92.2 | 91.8  |
| 1982 | 16     | 93.8  | 101.2 | 90.8 | 92.9  |
| 1984 | 26     | 94.1  | 97.7  | 92.4 | 93.0  |
| 1985 | 14     | 93.7  | 99.9  | 90.8 | 92.1  |
| 1986 | 17     | 95.9  | 97.4  | 93.2 | 94.4  |
| 1987 | 19     | 93.9  | 100.9 | 90.5 | 92.7  |
| 1989 | 10     | 93.7  | 100.2 | 89.8 | 92.9  |
| 1990 | 10     | 93.2  | 100.6 | 89.9 | 92.4  |
| 1991 | 12     | 93.7  | 101.0 | 90.8 | 92.9  |
| 1992 | 11     | 96.7  | 99.5  | 94.1 | 95.7  |
| 1993 | 18     | 97.2  | 98.2  | 94.4 | 96.3  |
| 1994 | 12     | 95.8  | 100.4 | 92.8 | 94.7  |
| 1996 | 11     | 97.8  | 98.1  | 95.2 | 96.5  |
| 1997 | 13     | 96.7  | 102.0 | 92.2 | 95.6  |
| 1998 | 14     | 96.8  | 100.4 | 93.5 | 95.9  |
| 1999 | 24     | 98.1  | 101.5 | 94.3 | 96.8  |
| 2000 | 14     | 97.4  | 100.1 | 96.2 | 96.7  |
| 2001 | 14     | 98.7  | 100.9 | 94.4 | 96.9  |
| 2002 | 10     | 98.9  | 101.8 | 95.5 | 98.4  |
| 2005 | 10     | 100.3 | 99.7  | 98.7 | 99.4  |
| 2007 | 12     | 99.5  | 98.2  | 96.8 | 99.1  |
| 2009 | 12     | 100.2 | 99.8  | 98.6 | 100.3 |

Tabel: 79 Maas Rijn IJssel: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | VA    | VP   | SL    | UD   | AH   | OB   | AP   |
|------|--------|-------|------|-------|------|------|------|------|
| 1980 | 10     | 97.5  | 92.9 | 98.2  | 97.5 | 94.6 | 94.6 | 92.6 |
| 1981 | 19     | 97.2  | 94.2 | 100.0 | 97.3 | 94.2 | 94.1 | 92.7 |
| 1982 | 16     | 96.0  | 93.2 | 101.6 | 96.2 | 93.3 | 93.7 | 92.2 |
| 1984 | 26     | 96.4  | 91.9 | 101.8 | 96.0 | 95.5 | 93.3 | 91.8 |
| 1985 | 14     | 96.9  | 93.0 | 102.5 | 96.4 | 94.6 | 92.7 | 91.6 |
| 1986 | 17     | 97.9  | 93.8 | 103.3 | 96.6 | 96.6 | 94.2 | 93.5 |
| 1987 | 19     | 98.3  | 94.7 | 100.4 | 97.7 | 95.3 | 95.5 | 94.4 |
| 1989 | 10     | 96.2  | 94.5 | 100.4 | 95.4 | 92.4 | 94.7 | 93.1 |
| 1990 | 10     | 97.7  | 95.2 | 104.0 | 96.5 | 94.9 | 94.4 | 93.6 |
| 1991 | 12     | 98.4  | 97.8 | 102.9 | 97.6 | 96.8 | 95.2 | 95.7 |
| 1992 | 11     | 99.4  | 96.5 | 101.1 | 98.5 | 96.3 | 95.1 | 94.2 |
| 1993 | 18     | 100.0 | 96.4 | 101.1 | 98.9 | 96.9 | 95.6 | 94.9 |
| 1994 | 12     | 97.5  | 95.8 | 101.8 | 97.3 | 97.5 | 94.2 | 93.6 |
| 1996 | 11     | 99.0  | 97.3 | 100.6 | 98.4 | 97.3 | 96.1 | 96.2 |
| 1997 | 13     | 98.2  | 97.2 | 102.2 | 98.1 | 95.6 | 94.9 | 95.6 |
| 1998 | 14     | 98.8  | 96.2 | 101.1 | 97.9 | 97.7 | 94.7 | 94.1 |
| 1999 | 24     | 98.8  | 97.5 | 102.2 | 97.9 | 98.0 | 97.2 | 96.7 |

|      |    |       |       |       |       |       |      |       |
|------|----|-------|-------|-------|-------|-------|------|-------|
| 2000 | 14 | 99.9  | 97.5  | 102.0 | 99.1  | 98.4  | 96.4 | 96.8  |
| 2001 | 14 | 99.4  | 98.4  | 100.9 | 98.9  | 97.7  | 95.9 | 96.3  |
| 2002 | 10 | 99.0  | 98.6  | 99.9  | 99.6  | 98.3  | 98.1 | 98.0  |
| 2005 | 10 | 101.5 | 100.5 | 100.4 | 101.5 | 101.5 | 98.9 | 99.0  |
| 2007 | 12 | 100.7 | 101.2 | 100.0 | 100.7 | 101.1 | 98.7 | 99.6  |
| 2009 | 12 | 100.2 | 100.8 | 101.8 | 100.2 | 102.8 | 99.5 | 100.4 |

Tabel: 80 Maas Rijn IJssel: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | F     | T     | U     | B    | Bs    | Ext   |
|------|--------|-------|-------|-------|------|-------|-------|
| 1980 | 10     | 94.0  | 95.9  | 95.8  | 88.4 | 104.2 | 89.2  |
| 1981 | 19     | 95.9  | 97.3  | 95.4  | 90.1 | 103.3 | 90.6  |
| 1982 | 16     | 96.8  | 98.4  | 94.1  | 91.2 | 103.9 | 91.1  |
| 1984 | 26     | 96.0  | 97.3  | 94.7  | 90.7 | 101.9 | 90.6  |
| 1985 | 14     | 96.3  | 98.3  | 94.6  | 90.0 | 101.8 | 90.5  |
| 1986 | 17     | 95.4  | 97.5  | 95.9  | 91.8 | 101.3 | 91.6  |
| 1987 | 19     | 96.9  | 99.0  | 96.4  | 90.9 | 102.2 | 92.3  |
| 1989 | 10     | 99.0  | 101.4 | 93.8  | 91.1 | 104.8 | 91.7  |
| 1990 | 10     | 97.4  | 98.9  | 95.3  | 90.5 | 103.0 | 91.5  |
| 1991 | 12     | 96.4  | 98.2  | 96.8  | 91.0 | 101.0 | 92.2  |
| 1992 | 11     | 99.4  | 101.7 | 97.7  | 94.5 | 102.5 | 96.0  |
| 1993 | 18     | 96.6  | 99.7  | 98.3  | 94.7 | 101.1 | 95.3  |
| 1994 | 12     | 96.5  | 99.3  | 96.8  | 93.4 | 100.6 | 93.7  |
| 1996 | 11     | 98.5  | 100.5 | 97.5  | 95.1 | 101.7 | 95.7  |
| 1997 | 13     | 96.7  | 99.2  | 96.5  | 94.4 | 99.6  | 94.0  |
| 1998 | 14     | 98.8  | 100.9 | 97.4  | 94.7 | 101.1 | 95.6  |
| 1999 | 24     | 97.3  | 99.5  | 97.8  | 95.9 | 100.3 | 95.8  |
| 2000 | 14     | 99.5  | 100.5 | 98.4  | 95.7 | 101.0 | 96.9  |
| 2001 | 14     | 99.5  | 101.1 | 98.1  | 96.2 | 100.0 | 97.0  |
| 2002 | 10     | 98.4  | 100.6 | 98.8  | 97.4 | 99.9  | 97.5  |
| 2005 | 10     | 100.1 | 102.3 | 101.5 | 98.9 | 101.4 | 100.4 |
| 2007 | 12     | 101.0 | 102.2 | 100.6 | 97.8 | 101.1 | 99.7  |
| 2009 | 12     | 100.2 | 101.9 | 100.8 | 99.8 | 99.9  | 100.6 |

Tabel: 81 Maas Rijn IJssel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 12     | 105.2 | 104.1 | 106.7 | 105.3 | 104.1 | 102.6 | 88.5 | 106.2 |
| 1981 | 20     | 105.3 | 103.2 | 105.9 | 104.5 | 103.5 | 103.0 | 90.0 | 105.5 |
| 1982 | 17     | 104.6 | 102.8 | 105.1 | 103.6 | 102.5 | 103.1 | 89.4 | 104.5 |
| 1984 | 27     | 104.3 | 103.8 | 105.5 | 104.5 | 102.8 | 103.1 | 89.7 | 105.3 |
| 1985 | 16     | 103.2 | 104.7 | 105.3 | 104.9 | 102.1 | 101.8 | 90.1 | 105.3 |
| 1986 | 21     | 103.3 | 102.8 | 104.0 | 103.1 | 101.8 | 101.8 | 90.7 | 103.8 |
| 1987 | 21     | 104.1 | 103.0 | 104.9 | 103.6 | 102.8 | 103.0 | 91.6 | 104.5 |
| 1989 | 12     | 102.8 | 103.2 | 104.2 | 103.2 | 101.4 | 102.0 | 89.8 | 103.9 |
| 1990 | 11     | 104.2 | 100.9 | 103.7 | 101.5 | 102.3 | 103.5 | 90.1 | 102.7 |
| 1991 | 15     | 102.7 | 101.9 | 102.6 | 101.6 | 101.6 | 102.5 | 92.1 | 102.1 |
| 1992 | 18     | 103.1 | 102.2 | 103.2 | 102.2 | 102.1 | 102.1 | 91.8 | 102.9 |
| 1993 | 19     | 103.1 | 102.2 | 103.5 | 102.6 | 102.7 | 102.7 | 93.0 | 103.3 |
| 1994 | 17     | 102.6 | 100.4 | 101.7 | 100.2 | 100.5 | 101.8 | 92.2 | 101.1 |
| 1995 | 10     | 103.2 | 101.4 | 102.6 | 101.2 | 101.8 | 102.4 | 92.2 | 102.1 |
| 1996 | 11     | 103.1 | 101.5 | 102.3 | 101.5 | 102.0 | 101.7 | 94.1 | 102.2 |
| 1997 | 16     | 100.6 | 102.2 | 101.1 | 101.2 | 99.9  | 100.6 | 94.4 | 101.4 |
| 1998 | 18     | 102.1 | 101.0 | 101.5 | 100.6 | 101.1 | 101.6 | 94.2 | 101.2 |

|      |    |       |       |       |       |       |       |       |       |
|------|----|-------|-------|-------|-------|-------|-------|-------|-------|
| 1999 | 29 | 102.0 | 100.5 | 101.1 | 100.4 | 101.4 | 101.8 | 95.7  | 100.9 |
| 2000 | 22 | 100.6 | 101.3 | 100.4 | 100.5 | 100.4 | 101.0 | 96.3  | 100.5 |
| 2001 | 18 | 101.2 | 99.3  | 99.4  | 98.8  | 99.9  | 101.2 | 95.8  | 99.0  |
| 2002 | 15 | 100.3 | 101.1 | 99.9  | 99.9  | 100.2 | 100.5 | 96.3  | 99.9  |
| 2003 | 15 | 100.8 | 100.3 | 99.6  | 99.5  | 100.2 | 100.7 | 96.9  | 99.5  |
| 2004 | 20 | 100.4 | 101.3 | 99.8  | 100.5 | 100.3 | 100.0 | 96.9  | 100.3 |
| 2005 | 25 | 100.7 | 101.2 | 100.0 | 100.3 | 100.3 | 100.9 | 97.3  | 100.1 |
| 2006 | 17 | 100.5 | 100.9 | 99.7  | 100.2 | 100.4 | 101.9 | 97.9  | 99.9  |
| 2007 | 20 | 100.8 | 100.2 | 99.5  | 99.8  | 100.4 | 100.4 | 98.5  | 99.5  |
| 2008 | 10 | 100.8 | 101.0 | 100.1 | 100.2 | 100.9 | 101.9 | 101.0 | 100.3 |
| 2009 | 15 | 101.2 | 99.5  | 99.1  | 99.1  | 100.3 | 100.3 | 98.6  | 99.1  |

Tabel: 82 Maas Rijn IJssel: Gebruikskennmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | MS    | Kar   | SCC   | SKM   | KM    |
|------|--------|-------|-------|-------|-------|-------|
| 1980 | 11     | 95.7  | 87.1  | 100.0 | 102.9 | 103.7 |
| 1981 | 20     | 97.7  | 91.8  | 98.5  | 101.8 | 102.8 |
| 1982 | 16     | 98.7  | 96.7  | 97.4  | 100.4 | 100.7 |
| 1984 | 23     | 97.9  | 96.5  | 97.7  | 100.2 | 101.0 |
| 1985 | 14     | 97.4  | 95.4  | 97.7  | 100.3 | 101.4 |
| 1986 | 18     | 97.7  | 95.8  | 98.5  | 99.9  | 101.4 |
| 1987 | 18     | 97.6  | 96.5  | 99.0  | 101.3 | 102.1 |
| 1989 | 10     | 97.7  | 95.2  | 97.6  | 100.2 | 101.7 |
| 1990 | 10     | 98.3  | 95.1  | 99.6  | 101.8 | 102.4 |
| 1991 | 13     | 98.3  | 96.5  | 98.4  | 100.8 | 101.8 |
| 1992 | 14     | 98.9  | 96.7  | 97.6  | 99.6  | 100.9 |
| 1993 | 18     | 99.3  | 93.2  | 99.2  | 101.3 | 101.5 |
| 1994 | 12     | 97.8  | 87.5  | 97.6  | 99.9  | 100.5 |
| 1996 | 11     | 99.9  | 99.4  | 98.6  | 100.0 | 101.1 |
| 1997 | 13     | 99.0  | 97.1  | 99.2  | 100.6 | 102.1 |
| 1998 | 14     | 98.5  | 97.7  | 96.5  | 98.0  | 98.9  |
| 1999 | 24     | 98.8  | 97.8  | 97.6  | 98.9  | 100.0 |
| 2000 | 14     | 99.9  | 100.7 | 99.5  | 100.6 | 101.1 |
| 2001 | 14     | 98.7  | 98.1  | 98.6  | 99.4  | 100.4 |
| 2002 | 10     | 99.5  | 99.1  | 100.7 | 101.4 | 101.3 |
| 2005 | 10     | 100.0 | 99.9  | 96.4  | 97.5  | 97.9  |
| 2007 | 12     | 100.1 | 100.0 | 99.1  | 99.8  | 100.5 |
| 2009 | 10     | 99.6  | 100.2 | 100.2 | 100.1 | 100.6 |

Tabel: 83 Maas Rijn IJssel: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U    | B    | Gin  |
|------|--------|--------|--------|--------|-------|-------|------|------|------|
| 1981 | 16     | -175.4 | -357.0 | -330.8 | 102.6 | 105.5 | 95.4 | 90.1 | 98.5 |
| 1982 | 15     | -154.2 | -268.3 | -341.8 | 100.6 | 104.5 | 94.1 | 91.2 | 98.2 |
| 1984 | 24     | -180.0 | -308.0 | -458.0 | 100.8 | 105.3 | 94.7 | 90.7 | 99.0 |
| 1985 | 16     | -160.8 | -298.6 | -390.9 | 101.0 | 105.3 | 94.6 | 90.0 | 98.9 |
| 1986 | 20     | -145.6 | -241.1 | -401.4 | 100.9 | 103.8 | 95.9 | 91.8 | 98.5 |
| 1987 | 21     | -127.4 | -228.3 | -383.7 | 102.1 | 104.5 | 96.4 | 90.9 | 98.0 |
| 1989 | 12     | -165.8 | -274.1 | -481.0 | 101.0 | 103.9 | 93.8 | 91.1 | 98.4 |
| 1990 | 11     | -114.6 | -153.6 | -332.5 | 102.3 | 102.7 | 95.3 | 90.5 | 97.5 |
| 1991 | 16     | -114.7 | -163.4 | -305.8 | 101.7 | 102.1 | 96.8 | 91.0 | 97.7 |
| 1992 | 18     | -120.2 | -201.6 | -386.8 | 100.4 | 102.9 | 97.7 | 94.5 | 98.1 |
| 1993 | 19     | -69.3  | -152.8 | -247.0 | 101.6 | 103.3 | 98.3 | 94.7 | 98.8 |
| 1994 | 17     | -107.8 | -132.3 | -330.9 | 100.3 | 101.1 | 96.8 | 93.4 | 98.7 |

|      |    |       |        |        |       |       |       |      |      |
|------|----|-------|--------|--------|-------|-------|-------|------|------|
| 1995 | 10 | -96.4 | -154.9 | -280.2 | 99.9  | 102.1 | 98.6  | 94.8 | 98.4 |
| 1996 | 11 | -44.5 | -77.9  | -106.6 | 100.6 | 102.2 | 97.5  | 95.1 | 99.5 |
| 1997 | 16 | -84.6 | -118.6 | -188.3 | 101.8 | 101.4 | 96.5  | 94.4 | 98.7 |
| 1998 | 15 | -76.3 | -58.5  | -187.8 | 98.3  | 101.2 | 97.4  | 94.7 | 98.4 |
| 1999 | 29 | -50.8 | -53.1  | -90.6  | 99.5  | 100.9 | 97.8  | 95.9 | 98.4 |
| 2000 | 19 | -31.1 | -23.4  | -57.8  | 101.0 | 100.5 | 98.4  | 95.7 | 99.3 |
| 2001 | 17 | -32.9 | -7.8   | -7.0   | 99.9  | 99.0  | 98.1  | 96.2 | 99.1 |
| 2002 | 15 | -5.9  | 8.6    | 17.1   | 101.5 | 99.9  | 98.8  | 97.4 | 99.8 |
| 2003 | 13 | -42.6 | -25.7  | -66.4  | 99.0  | 99.5  | 100.4 | 96.9 | 98.5 |
| 2004 | 17 | -34.1 | -47.1  | -60.9  | 99.8  | 100.3 | 99.6  | 97.9 | 98.0 |
| 2005 | 24 | -36.4 | -35.6  | -85.8  | 97.5  | 100.1 | 101.5 | 98.9 | 98.7 |
| 2006 | 16 | -13.0 | -16.9  | -1.4   | 99.2  | 99.9  | 99.0  | 97.8 | 99.5 |
| 2007 | 15 | 6.8   | 47.2   | 107.7  | 100.1 | 99.5  | 100.6 | 97.8 | 98.7 |
| 2008 | 10 | 11.7  | 53.4   | 53.7   | 100.4 | 100.3 | 99.5  | 97.7 | 99.0 |
| 2009 | 14 | 34.1  | 91.0   | 129.2  | 100.4 | 99.1  | 100.8 | 99.8 | 99.3 |

Tabel: 84 Maas Rijn IJssel: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Kgh   | Bv    | Mo    | Sp   | Zz    | Ty    | Wld   |
|------|--------|-------|-------|-------|------|-------|-------|-------|
| 1999 | 16     | 97.2  | 98.5  | 98.6  | 96.6 | 99.4  | 98.9  | 99.9  |
| 2005 | 11     | 100.6 | 100.3 | 100.4 | 99.8 | 100.5 | 101.5 | 100.0 |

Tabel: 85 Maas Rijn IJssel: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | LVg  | LVa   | LVg1 | LVa1  | LVg2  | LVa2  |
|------|--------|------|-------|------|-------|-------|-------|
| 1981 | 17     | 97.6 | 99.6  | 97.6 | 99.6  | 99.7  | 99.5  |
| 1982 | 16     | 96.7 | 100.1 | 96.7 | 100.1 | 98.5  | 99.4  |
| 1984 | 19     | 97.3 | 100.3 | 97.3 | 100.3 | 99.0  | 99.9  |
| 1985 | 12     | 97.8 | 99.6  | 97.8 | 99.6  | 99.1  | 99.2  |
| 1986 | 18     | 97.0 | 100.1 | 97.0 | 100.1 | 98.5  | 99.1  |
| 1987 | 20     | 97.0 | 99.7  | 97.0 | 99.7  | 98.7  | 99.2  |
| 1989 | 12     | 97.8 | 99.7  | 97.8 | 99.7  | 99.2  | 99.2  |
| 1990 | 10     | 96.5 | 99.4  | 96.5 | 99.4  | 98.4  | 98.4  |
| 1991 | 15     | 96.7 | 99.7  | 96.7 | 99.7  | 98.8  | 99.2  |
| 1992 | 18     | 97.2 | 99.6  | 97.2 | 99.6  | 98.9  | 99.1  |
| 1993 | 19     | 97.8 | 100.1 | 97.8 | 100.1 | 101.2 | 99.7  |
| 1994 | 17     | 97.1 | 100.4 | 97.1 | 100.4 | 99.1  | 99.6  |
| 1995 | 10     | 97.1 | 100.1 | 97.1 | 100.1 | 99.3  | 99.0  |
| 1996 | 11     | 98.2 | 100.4 | 98.2 | 100.4 | 100.5 | 100.0 |
| 1997 | 16     | 97.8 | 99.9  | 97.8 | 99.9  | 98.9  | 99.9  |
| 1998 | 18     | 97.5 | 99.9  | 97.5 | 99.9  | 99.0  | 99.0  |
| 1999 | 29     | 97.5 | 99.8  | 97.5 | 99.8  | 100.0 | 98.8  |
| 2000 | 22     | 99.4 | 99.4  | 99.4 | 99.4  | 101.3 | 99.6  |
| 2001 | 18     | 98.8 | 99.7  | 98.8 | 99.7  | 101.1 | 99.7  |
| 2002 | 15     | 98.5 | 100.5 | 98.5 | 100.5 | 100.9 | 100.0 |
| 2003 | 15     | 97.9 | 99.5  | 97.9 | 99.5  | 100.3 | 98.9  |
| 2004 | 20     | 97.6 | 99.5  | 97.6 | 99.5  | 99.5  | 99.2  |
| 2005 | 25     | 98.4 | 99.5  | 98.4 | 99.5  | 100.6 | 99.8  |
| 2006 | 17     | 98.9 | 100.1 | 98.9 | 100.0 | 101.2 | 100.5 |
| 2007 | 21     | 98.3 | 99.6  | 98.3 | 99.7  | 100.1 | 98.9  |
| 2009 | 15     | 98.9 | 99.9  | 98.9 | 100.1 | 101.0 | 99.4  |

Tabel: 86 Maas Rijn IJssel: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw   | Afk   | MDt  | MGw   |
|------|--------|-------|-------|-------|-------|------|-------|
| 1980 | 10     | 98.5  | 101.7 | 102.2 | 90.3  | 87.9 | 90.3  |
| 1981 | 20     | 98.5  | 101.3 | 102.2 | 86.0  | 81.8 | 84.2  |
| 1982 | 16     | 97.1  | 102.8 | 103.6 | 94.4  | 91.6 | 93.6  |
| 1984 | 23     | 99.3  | 102.3 | 101.5 | 100.7 | 97.9 | 100.3 |
| 1985 | 15     | 99.4  | 101.2 | 101.3 | 101.0 | 99.1 | 100.7 |
| 1986 | 20     | 100.0 | 101.6 | 100.7 | 94.9  | 94.0 | 95.2  |
| 1987 | 20     | 98.3  | 102.3 | 102.4 | 99.4  | 98.2 | 100.1 |
| 1989 | 12     | 99.2  | 101.1 | 101.4 | 100.4 | 98.6 | 99.8  |
| 1991 | 15     | 98.8  | 103.9 | 102.1 | 99.3  | 99.7 | 103.3 |
| 1992 | 18     | 98.7  | 102.8 | 102.1 | 99.9  | 99.1 | 101.7 |
| 1993 | 19     | 100.8 | 100.2 | 99.9  | 94.3  | 93.4 | 95.4  |
| 1994 | 16     | 99.2  | 102.1 | 101.9 | 94.7  | 91.9 | 93.3  |
| 1996 | 11     | 101.5 | 101.3 | 99.4  | 100.5 | 98.5 | 101.6 |
| 1997 | 15     | 98.9  | 101.9 | 101.9 | 100.9 | 98.2 | 99.1  |
| 1998 | 16     | 98.2  | 102.0 | 102.8 | 99.9  | 98.0 | 99.8  |
| 1999 | 28     | 100.4 | 101.4 | 100.5 | 96.8  | 95.1 | 96.4  |
| 2000 | 21     | 100.4 | 100.7 | 100.8 | 99.7  | 99.1 | 101.4 |
| 2001 | 18     | 99.6  | 100.3 | 101.4 | 100.6 | 98.1 | 98.7  |
| 2002 | 15     | 99.9  | 100.9 | 101.3 | 103.9 | 97.5 | 98.7  |
| 2003 | 14     | 98.2  | 101.6 | 102.6 | 100.5 | 99.8 | 101.6 |
| 2004 | 19     | 98.3  | 99.9  | 102.5 | 99.8  | 98.8 | 100.2 |
| 2005 | 24     | 99.1  | 100.2 | 101.7 | 100.6 | 97.2 | 99.7  |
| 2006 | 16     | 99.9  | 100.5 | 100.4 | 101.1 | 96.8 | 98.2  |
| 2007 | 17     | 99.5  | 100.9 | 100.8 | 98.8  | 99.9 | 101.9 |
| 2009 | 14     | 99.4  | 101.1 | 101.3 | 100.3 | 99.0 | 99.9  |

Tabel: 87 Maas Rijn IJssel: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 10     | 107.2 | 108.0 | 96.3  | 100.3 | 112.3 | 94.2  | 105.6 | 98.4  | 111.8 | 95.4  | 103.7 |
| 1981 | 19     | 106.6 | 108.1 | 97.4  | 101.5 | 109.8 | 97.1  | 104.5 | 99.9  | 110.7 | 98.1  | 103.8 |
| 1982 | 16     | 105.8 | 105.9 | 97.4  | 100.2 | 109.2 | 95.5  | 104.6 | 99.2  | 108.8 | 97.3  | 102.8 |
| 1984 | 22     | 105.0 | 105.5 | 96.2  | 100.0 | 108.4 | 96.0  | 103.6 | 99.2  | 108.5 | 96.9  | 102.2 |
| 1985 | 12     | 105.8 | 105.9 | 96.5  | 100.8 | 108.4 | 97.2  | 104.2 | 99.8  | 108.8 | 98.6  | 103.5 |
| 1986 | 19     | 105.1 | 104.2 | 96.3  | 99.9  | 107.5 | 95.7  | 103.7 | 99.9  | 107.6 | 96.3  | 103.2 |
| 1987 | 20     | 105.4 | 105.3 | 97.2  | 101.3 | 107.4 | 96.5  | 104.3 | 99.2  | 107.6 | 98.0  | 102.8 |
| 1989 | 12     | 107.2 | 106.0 | 96.0  | 101.6 | 109.7 | 95.6  | 105.8 | 100.3 | 109.5 | 96.9  | 104.9 |
| 1990 | 10     | 104.7 | 106.2 | 97.4  | 100.4 | 108.0 | 97.5  | 103.5 | 98.8  | 108.9 | 97.7  | 103.3 |
| 1991 | 15     | 103.2 | 103.7 | 97.3  | 99.7  | 104.3 | 97.3  | 101.9 | 100.3 | 105.7 | 98.3  | 100.5 |
| 1992 | 18     | 105.3 | 105.3 | 97.4  | 102.0 | 106.2 | 97.6  | 103.8 | 101.1 | 106.6 | 98.5  | 103.1 |
| 1993 | 19     | 104.8 | 103.7 | 98.7  | 100.6 | 105.6 | 97.4  | 103.5 | 100.8 | 105.5 | 99.5  | 101.4 |
| 1994 | 15     | 104.1 | 102.6 | 98.4  | 100.3 | 104.4 | 97.5  | 102.9 | 100.5 | 105.0 | 98.3  | 101.4 |
| 1995 | 10     | 102.7 | 101.2 | 98.5  | 99.5  | 102.7 | 97.7  | 102.6 | 99.9  | 103.2 | 98.3  | 100.3 |
| 1996 | 11     | 104.1 | 103.5 | 98.4  | 100.3 | 105.1 | 97.0  | 103.0 | 100.4 | 105.4 | 98.6  | 100.9 |
| 1997 | 16     | 102.6 | 101.6 | 98.2  | 99.8  | 103.0 | 98.2  | 101.3 | 100.6 | 103.9 | 98.9  | 101.1 |
| 1998 | 18     | 102.4 | 101.2 | 99.2  | 99.9  | 102.7 | 98.2  | 101.9 | 100.0 | 103.1 | 98.9  | 100.9 |
| 1999 | 29     | 102.2 | 101.0 | 99.9  | 99.7  | 102.9 | 98.8  | 101.6 | 99.8  | 102.9 | 100.7 | 99.0  |
| 2000 | 22     | 101.5 | 101.9 | 97.9  | 100.5 | 101.3 | 98.5  | 101.0 | 99.8  | 102.5 | 99.5  | 99.6  |
| 2001 | 18     | 101.2 | 100.2 | 99.7  | 99.8  | 100.6 | 99.3  | 101.0 | 99.3  | 101.6 | 100.2 | 99.7  |
| 2002 | 15     | 101.6 | 101.7 | 99.8  | 100.4 | 101.2 | 98.6  | 100.8 | 100.9 | 102.7 | 99.9  | 99.7  |
| 2003 | 15     | 101.7 | 101.3 | 99.0  | 101.5 | 100.7 | 99.0  | 101.3 | 100.1 | 102.2 | 99.3  | 101.2 |
| 2004 | 20     | 101.0 | 101.7 | 98.0  | 101.0 | 100.8 | 98.9  | 100.8 | 99.0  | 102.3 | 98.7  | 100.7 |
| 2005 | 24     | 101.8 | 102.2 | 99.2  | 100.6 | 103.0 | 98.0  | 101.8 | 98.3  | 103.7 | 98.3  | 101.0 |

|      |    |       |       |      |       |       |      |       |       |       |      |       |
|------|----|-------|-------|------|-------|-------|------|-------|-------|-------|------|-------|
| 2006 | 16 | 102.2 | 102.1 | 99.5 | 99.6  | 103.6 | 98.3 | 101.2 | 100.0 | 103.3 | 99.4 | 99.3  |
| 2007 | 15 | 100.4 | 100.5 | 97.7 | 100.1 | 100.1 | 98.9 | 100.6 | 99.1  | 101.5 | 98.1 | 100.5 |
| 2009 | 15 | 99.5  | 99.3  | 99.1 | 99.5  | 99.1  | 99.7 | 99.9  | 98.4  | 100.7 | 99.3 | 98.6  |

Tabel: 88 Maas Rijn IJssel: Kalvervitaliteit  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1981 | 17     | 96.9  | 96.5  | 102.1 |
| 1982 | 16     | 95.9  | 95.8  | 101.9 |
| 1984 | 19     | 96.6  | 96.5  | 102.0 |
| 1985 | 12     | 96.4  | 96.0  | 102.2 |
| 1986 | 18     | 95.9  | 95.9  | 100.9 |
| 1987 | 20     | 96.8  | 96.4  | 101.7 |
| 1989 | 12     | 96.2  | 95.8  | 102.7 |
| 1990 | 10     | 96.7  | 96.3  | 101.5 |
| 1991 | 15     | 96.3  | 96.3  | 101.5 |
| 1992 | 18     | 96.6  | 96.1  | 102.1 |
| 1993 | 19     | 96.9  | 96.7  | 101.5 |
| 1994 | 16     | 96.4  | 96.3  | 101.9 |
| 1995 | 10     | 96.5  | 96.5  | 101.2 |
| 1996 | 11     | 98.1  | 97.5  | 101.9 |
| 1997 | 16     | 97.1  | 97.4  | 101.6 |
| 1998 | 18     | 97.9  | 97.6  | 101.4 |
| 1999 | 29     | 98.8  | 98.3  | 101.4 |
| 2000 | 22     | 99.1  | 98.8  | 101.8 |
| 2001 | 18     | 99.5  | 99.1  | 101.7 |
| 2002 | 15     | 99.9  | 99.1  | 99.9  |
| 2003 | 15     | 100.3 | 99.3  | 100.3 |
| 2004 | 20     | 100.2 | 99.2  | 100.0 |
| 2005 | 25     | 100.4 | 99.4  | 99.7  |
| 2006 | 17     | 99.7  | 98.8  | 100.4 |
| 2007 | 21     | 100.2 | 99.5  | 101.1 |
| 2009 | 15     | 100.7 | 99.5  | 101.7 |

Tabel: 89 Maas Rijn IJssel: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | LPin   | LPkgM   | LPkgV  | LPkgE  |
|------|--------|--------|---------|--------|--------|
| 2001 | 17     | -492.4 | -807.7  | -110.0 | -61.1  |
| 2002 | 15     | -223.3 | 3.4     | -55.7  | -25.9  |
| 2003 | 13     | -907.2 | -2260.2 | -179.2 | -122.0 |
| 2004 | 17     | -917.6 | -2606.0 | -177.6 | -123.9 |
| 2005 | 24     | -957.1 | -3075.2 | -189.4 | -125.8 |
| 2006 | 16     | -410.1 | -835.3  | -97.8  | -47.0  |
| 2007 | 15     | 492.1  | 2844.1  | 65.5   | 76.9   |
| 2008 | 10     | 191.7  | 1463.0  | 21.3   | 30.8   |
| 2009 | 14     | 898.4  | 4472.0  | 128.3  | 138.4  |

Tabel: 90 Maas Rijn IJssel: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Eff | Int | Gewen |
|------|--------|-----|-----|-------|
|------|--------|-----|-----|-------|

|      |    |       |       |       |
|------|----|-------|-------|-------|
| 1986 | 10 | 100.0 | 102.6 | 101.3 |
| 1999 | 16 | 99.7  | 103.7 | 101.0 |
| 2000 | 11 | 99.2  | 103.5 | 101.4 |
| 2001 | 10 | 99.3  | 106.1 | 101.1 |

Tabel: 91 Maas Rijn IJssel: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Pers  | RTM   | Aantal | DSopn | Aantal | Gew   |
|------|--------|-------|-------|--------|-------|--------|-------|
| 1981 | 16     | 97.8  | 99.9  | 0      | 0.0   | 0      | 0.0   |
| 1982 | 15     | 100.0 | 102.1 | 0      | 0.0   | 0      | 0.0   |
| 1984 | 24     | 98.0  | 100.7 | 0      | 0.0   | 0      | 0.0   |
| 1985 | 16     | 99.6  | 101.1 | 16     | -2.8  | 0      | 0.0   |
| 1986 | 20     | 100.5 | 101.5 | 20     | -2.4  | 0      | 0.0   |
| 1987 | 21     | 99.2  | 100.7 | 21     | -2.0  | 0      | 0.0   |
| 1989 | 12     | 99.1  | 100.8 | 12     | -2.2  | 0      | 0.0   |
| 1990 | 11     | 100.0 | 99.8  | 11     | -1.6  | 0      | 0.0   |
| 1991 | 16     | 98.1  | 100.3 | 15     | -1.7  | 0      | 0.0   |
| 1992 | 18     | 96.3  | 99.6  | 18     | -1.6  | 0      | 0.0   |
| 1993 | 19     | 98.7  | 100.5 | 19     | -1.4  | 0      | 0.0   |
| 1994 | 17     | 99.2  | 98.7  | 17     | -1.3  | 0      | 0.0   |
| 1995 | 10     | 99.6  | 100.0 | 10     | -1.4  | 0      | 0.0   |
| 1996 | 11     | 101.2 | 100.8 | 11     | -0.8  | 0      | 0.0   |
| 1997 | 16     | 98.6  | 100.8 | 16     | -1.2  | 0      | 0.0   |
| 1998 | 15     | 99.1  | 99.8  | 15     | -0.6  | 0      | 0.0   |
| 1999 | 29     | 99.7  | 98.7  | 29     | -0.8  | 0      | 0.0   |
| 2000 | 19     | 102.7 | 101.8 | 19     | -0.3  | 0      | 0.0   |
| 2001 | 17     | 100.4 | 100.8 | 17     | -0.2  | 14     | 98.5  |
| 2002 | 15     | 101.1 | 100.6 | 15     | -0.1  | 10     | 97.7  |
| 2003 | 13     | 98.8  | 98.8  | 13     | -0.3  | 7      | 97.7  |
| 2004 | 17     | 100.5 | 99.0  | 17     | -0.3  | 9      | 100.7 |
| 2005 | 24     | 99.2  | 98.2  | 24     | -0.3  | 10     | 100.4 |
| 2006 | 16     | 99.9  | 99.6  | 16     | -0.3  | 8      | 98.9  |
| 2007 | 15     | 99.6  | 100.5 | 15     | 0.3   | 12     | 100.3 |
| 2008 | 10     | 100.9 | 98.3  | 10     | 0.2   | 6      | 97.7  |
| 2009 | 14     | 101.4 | 98.8  | 14     | 0.6   | 12     | 100.5 |

Tabel: 92 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V   | %E   | %L   | INET   |
|------|--------|---------|-------|-------|-------|------|------|------|--------|
| 1984 | 15     | -2009.4 | -78.5 | -76.8 | -91.7 | 19.7 | -7.0 | -0.3 | -507.2 |
| 1985 | 20     | -2014.0 | -80.5 | -77.8 | -91.9 | 16.9 | -8.0 | -0.5 | -515.6 |
| 1986 | 46     | -2014.5 | -76.2 | -78.2 | -92.0 | 25.1 | -8.3 | -0.4 | -508.1 |
| 1987 | 145    | -2047.2 | -81.4 | -79.6 | -93.4 | 18.0 | -9.0 | -0.4 | -525.2 |
| 1988 | 277    | -2032.0 | -79.8 | -77.6 | -92.7 | 19.5 | -6.6 | -0.4 | -513.8 |
| 1989 | 434    | -1977.8 | -75.3 | -74.6 | -90.3 | 23.1 | -4.6 | -0.4 | -491.0 |
| 1990 | 659    | -2013.9 | -74.3 | -75.1 | -91.9 | 27.6 | -3.3 | -0.4 | -491.5 |
| 1991 | 1087   | -1837.5 | -63.9 | -64.5 | -83.9 | 30.4 | 3.2  | -0.4 | -423.7 |
| 1992 | 1462   | -1719.6 | -62.4 | -62.1 | -78.5 | 24.3 | 0.4  | -0.4 | -409.4 |
| 1993 | 1611   | -1650.0 | -62.6 | -61.6 | -75.3 | 18.9 | -2.8 | -0.3 | -406.8 |
| 1994 | 2107   | -1544.5 | -52.0 | -55.2 | -70.5 | 26.9 | 1.0  | -0.3 | -356.7 |
| 1995 | 2320   | -1474.9 | -50.1 | -52.9 | -67.3 | 24.9 | 0.8  | -0.3 | -342.3 |
| 1996 | 2110   | -1391.6 | -47.6 | -51.3 | -63.5 | 22.9 | -1.3 | -0.3 | -329.6 |
| 1997 | 1713   | -1238.9 | -43.4 | -46.8 | -56.6 | 18.5 | -2.7 | -0.3 | -300.1 |



|      |      |         |       |       |       |      |      |      |        |
|------|------|---------|-------|-------|-------|------|------|------|--------|
| 1998 | 1678 | -1195.9 | -42.6 | -45.1 | -54.6 | 17.2 | -2.3 | -0.3 | -290.9 |
| 1999 | 1389 | -1144.9 | -40.1 | -42.1 | -52.3 | 17.1 | -0.7 | -0.3 | -272.6 |
| 2000 | 998  | -910.8  | -35.5 | -36.1 | -41.6 | 8.7  | -3.9 | -0.2 | -235.2 |
| 2001 | 949  | -770.4  | -35.6 | -31.1 | -35.0 | -0.1 | -4.0 | 0.0  | -212.7 |
| 2002 | 733  | -604.2  | -31.8 | -26.5 | -27.2 | -4.5 | -5.6 | 0.4  | -183.5 |
| 2003 | 690  | -554.1  | -23.4 | -22.7 | -24.1 | 2.9  | -3.1 | 1.6  | -149.4 |
| 2004 | 636  | -377.5  | -15.0 | -17.4 | -15.7 | 3.8  | -4.1 | 2.0  | -107.8 |
| 2005 | 621  | -196.2  | -11.4 | -12.1 | -8.2  | -1.9 | -5.6 | 0.9  | -76.3  |
| 2006 | 523  | -137.2  | -9.7  | -9.9  | -5.4  | -2.8 | -5.2 | 1.1  | -62.5  |
| 2007 | 536  | -183.8  | -2.1  | -6.3  | -7.2  | 9.1  | 1.1  | 1.6  | -32.6  |
| 2008 | 420  | -143.1  | 0.1   | -4.0  | -5.8  | 9.3  | 2.1  | 0.9  | -17.8  |
| 2009 | 362  | -72.3   | -1.0  | -3.8  | -2.4  | 3.7  | -0.9 | 1.1  | -18.4  |
| 2010 | 188  | -78.3   | -3.6  | -3.7  | -2.1  | 0.9  | -0.5 | 1.8  | -23.3  |
| 2011 | 159  | -59.2   | -0.4  | -1.7  | -1.3  | 3.6  | 1.1  | 1.8  | -8.4   |
| 2012 | 118  | -47.5   | -2.1  | -1.6  | -1.3  | 1.2  | 0.8  | 1.3  | -11.3  |
| 2013 | 210  | 106.6   | 0.5   | 2.9   | 5.1   | -4.4 | -0.6 | 0.3  | 14.4   |
| 2014 | 98   | 47.6    | -2.5  | 0.7   | 3.2   | -4.3 | -0.6 | 1.2  | -1.4   |
| 2015 | 56   | 124.3   | -0.9  | 4.4   | 6.6   | -6.9 | 0.5  | 1.3  | 18.1   |
| 2016 | 14   | 100.4   | 2.5   | 6.6   | 8.2   | -2.0 | 4.1  | 4.6  | 34.6   |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 93 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | H     | VH    | IH    | OH    | CS    | KL    | KB   |
|------|--------|-------|-------|-------|-------|-------|-------|------|
| 1985 | 11     | 88.8  | 98.3  | 93.2  | 92.1  | 100.6 | 95.6  | 97.8 |
| 1986 | 30     | 89.0  | 96.8  | 91.5  | 91.2  | 101.5 | 95.3  | 97.0 |
| 1987 | 62     | 87.7  | 97.7  | 91.5  | 90.6  | 102.0 | 97.1  | 96.6 |
| 1988 | 150    | 88.4  | 98.1  | 91.5  | 90.8  | 102.6 | 97.1  | 97.5 |
| 1989 | 286    | 88.6  | 97.9  | 91.5  | 90.9  | 102.2 | 97.3  | 96.8 |
| 1990 | 408    | 89.1  | 98.1  | 92.0  | 91.2  | 102.1 | 97.0  | 97.6 |
| 1991 | 672    | 89.6  | 97.6  | 92.6  | 92.0  | 100.6 | 96.9  | 96.9 |
| 1992 | 884    | 90.3  | 97.8  | 92.8  | 92.3  | 100.9 | 97.0  | 97.8 |
| 1993 | 958    | 91.3  | 98.2  | 93.3  | 92.9  | 101.2 | 96.9  | 98.6 |
| 1994 | 1191   | 91.6  | 99.6  | 95.0  | 93.8  | 101.7 | 97.2  | 99.5 |
| 1995 | 1251   | 91.7  | 99.8  | 95.4  | 94.4  | 101.5 | 97.3  | 99.6 |
| 1996 | 1128   | 92.1  | 99.8  | 95.9  | 94.8  | 101.6 | 97.4  | 99.6 |
| 1997 | 927    | 92.8  | 100.1 | 96.5  | 95.6  | 101.1 | 97.6  | 99.7 |
| 1998 | 862    | 93.7  | 100.2 | 97.2  | 96.3  | 100.8 | 97.7  | 99.5 |
| 1999 | 697    | 93.8  | 100.0 | 96.9  | 96.2  | 100.6 | 97.6  | 99.6 |
| 2000 | 460    | 94.8  | 99.8  | 96.7  | 96.1  | 100.6 | 97.8  | 99.2 |
| 2001 | 432    | 95.2  | 99.9  | 96.4  | 95.9  | 100.5 | 97.6  | 99.4 |
| 2002 | 366    | 95.8  | 100.1 | 96.8  | 96.5  | 100.4 | 97.7  | 99.2 |
| 2003 | 351    | 96.4  | 100.9 | 97.9  | 97.5  | 100.7 | 98.8  | 98.6 |
| 2004 | 298    | 96.6  | 101.2 | 98.9  | 98.7  | 100.0 | 98.9  | 99.2 |
| 2005 | 279    | 97.2  | 101.5 | 99.5  | 99.1  | 99.7  | 99.4  | 99.6 |
| 2006 | 241    | 97.5  | 102.3 | 99.8  | 99.3  | 100.3 | 99.5  | 99.8 |
| 2007 | 254    | 97.2  | 102.9 | 100.3 | 99.7  | 100.8 | 100.2 | 98.6 |
| 2008 | 223    | 97.3  | 102.4 | 99.9  | 99.5  | 100.5 | 100.3 | 98.4 |
| 2009 | 197    | 97.8  | 102.4 | 100.0 | 99.9  | 100.5 | 101.1 | 98.1 |
| 2010 | 95     | 98.2  | 101.8 | 99.9  | 99.6  | 100.1 | 100.9 | 99.5 |
| 2011 | 88     | 99.0  | 101.9 | 99.9  | 99.5  | 100.2 | 100.8 | 99.7 |
| 2012 | 63     | 99.2  | 101.0 | 99.7  | 100.0 | 99.6  | 100.5 | 99.5 |
| 2013 | 100    | 99.1  | 101.2 | 99.5  | 99.6  | 99.4  | 99.9  | 99.9 |
| 2014 | 57     | 99.4  | 100.9 | 99.2  | 99.2  | 99.4  | 98.7  | 99.8 |
| 2015 | 25     | 100.1 | 101.3 | 99.8  | 99.5  | 99.4  | 99.5  | 99.8 |

Tabel: 94 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk

Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | BA    | BZ    | KH   | BG    |
|------|--------|-------|-------|------|-------|
| 1985 | 11     | 92.0  | 100.9 | 93.3 | 89.0  |
| 1986 | 30     | 92.9  | 100.7 | 93.7 | 89.5  |
| 1987 | 62     | 94.0  | 99.9  | 92.6 | 91.0  |
| 1988 | 150    | 94.7  | 99.5  | 93.9 | 91.9  |
| 1989 | 286    | 94.9  | 99.5  | 94.3 | 92.0  |
| 1990 | 408    | 95.0  | 99.8  | 94.5 | 92.3  |
| 1991 | 672    | 93.6  | 101.9 | 93.2 | 90.6  |
| 1992 | 884    | 94.2  | 101.2 | 93.9 | 91.1  |
| 1993 | 958    | 94.9  | 101.3 | 94.5 | 92.0  |
| 1994 | 1191   | 93.1  | 101.8 | 93.2 | 91.0  |
| 1995 | 1251   | 93.4  | 101.8 | 93.2 | 91.4  |
| 1996 | 1128   | 94.5  | 101.7 | 93.9 | 92.4  |
| 1997 | 927    | 95.3  | 102.2 | 94.0 | 93.1  |
| 1998 | 862    | 96.0  | 103.2 | 93.7 | 93.6  |
| 1999 | 697    | 96.6  | 102.8 | 94.3 | 94.3  |
| 2000 | 460    | 97.2  | 102.2 | 95.5 | 95.0  |
| 2001 | 432    | 97.6  | 101.6 | 96.7 | 95.4  |
| 2002 | 366    | 97.1  | 101.3 | 97.3 | 95.1  |
| 2003 | 351    | 97.9  | 100.8 | 97.6 | 96.4  |
| 2004 | 298    | 97.9  | 101.5 | 96.9 | 96.6  |
| 2005 | 279    | 97.5  | 102.2 | 96.2 | 96.6  |
| 2006 | 241    | 98.4  | 101.7 | 96.7 | 97.5  |
| 2007 | 254    | 99.5  | 100.1 | 97.9 | 99.4  |
| 2008 | 223    | 99.6  | 100.0 | 97.9 | 99.6  |
| 2009 | 197    | 99.7  | 99.8  | 98.2 | 99.9  |
| 2010 | 95     | 99.3  | 100.1 | 98.1 | 99.1  |
| 2011 | 88     | 100.6 | 99.5  | 99.2 | 100.7 |
| 2012 | 63     | 100.9 | 99.5  | 99.3 | 101.1 |
| 2013 | 100    | 101.8 | 99.1  | 99.7 | 101.7 |
| 2014 | 57     | 101.8 | 99.5  | 99.7 | 101.2 |
| 2015 | 25     | 101.8 | 99.9  | 99.3 | 101.4 |

Tabel: 95 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | VA   | VP   | SL    | UD   | AH   | OB   | AP   |
|------|--------|------|------|-------|------|------|------|------|
| 1985 | 11     | 92.7 | 89.1 | 102.4 | 93.6 | 88.4 | 91.2 | 90.7 |
| 1986 | 30     | 94.4 | 91.0 | 102.3 | 95.3 | 89.9 | 92.2 | 92.0 |
| 1987 | 62     | 93.1 | 89.9 | 103.1 | 93.8 | 89.2 | 92.0 | 91.5 |
| 1988 | 150    | 93.3 | 90.5 | 103.5 | 94.2 | 89.1 | 91.8 | 91.6 |
| 1989 | 286    | 93.6 | 90.9 | 103.5 | 94.3 | 89.6 | 91.6 | 91.5 |
| 1990 | 408    | 93.2 | 90.8 | 102.6 | 94.2 | 89.2 | 91.2 | 91.2 |
| 1991 | 672    | 93.9 | 90.8 | 102.3 | 94.0 | 89.5 | 91.4 | 91.3 |
| 1992 | 884    | 94.4 | 90.8 | 102.1 | 94.7 | 89.8 | 91.3 | 91.4 |
| 1993 | 958    | 94.9 | 91.5 | 101.8 | 95.3 | 90.2 | 91.9 | 92.1 |
| 1994 | 1191   | 94.7 | 92.9 | 100.9 | 94.1 | 89.0 | 92.7 | 93.3 |
| 1995 | 1251   | 94.7 | 93.2 | 101.0 | 94.0 | 89.4 | 93.3 | 93.7 |
| 1996 | 1128   | 94.8 | 93.5 | 101.3 | 94.0 | 90.2 | 93.6 | 94.0 |
| 1997 | 927    | 95.0 | 93.7 | 101.1 | 94.3 | 91.0 | 93.7 | 93.9 |
| 1998 | 862    | 94.6 | 93.5 | 101.2 | 94.2 | 91.7 | 94.2 | 94.1 |
| 1999 | 697    | 95.0 | 94.2 | 101.2 | 94.6 | 92.5 | 95.0 | 94.8 |
| 2000 | 460    | 95.6 | 94.6 | 101.5 | 95.6 | 93.5 | 95.7 | 95.6 |
| 2001 | 432    | 96.1 | 94.4 | 102.2 | 96.0 | 93.8 | 95.7 | 95.2 |
| 2002 | 366    | 96.1 | 94.1 | 102.1 | 95.8 | 94.4 | 95.6 | 94.7 |
| 2003 | 351    | 97.2 | 95.5 | 101.0 | 96.5 | 94.9 | 96.1 | 95.6 |

|      |     |       |       |       |       |       |       |       |
|------|-----|-------|-------|-------|-------|-------|-------|-------|
| 2004 | 298 | 97.4  | 96.5  | 101.2 | 96.1  | 95.4  | 97.5  | 97.5  |
| 2005 | 279 | 97.4  | 96.3  | 101.9 | 95.9  | 96.1  | 97.1  | 97.2  |
| 2006 | 241 | 98.1  | 96.7  | 101.4 | 96.7  | 96.4  | 97.4  | 97.6  |
| 2007 | 254 | 98.1  | 97.7  | 100.3 | 96.7  | 95.9  | 97.2  | 97.4  |
| 2008 | 223 | 98.3  | 97.9  | 100.0 | 97.1  | 96.2  | 97.3  | 97.7  |
| 2009 | 197 | 98.6  | 98.4  | 99.9  | 97.4  | 96.3  | 97.4  | 98.0  |
| 2010 | 95  | 98.7  | 98.4  | 100.0 | 98.0  | 97.2  | 98.3  | 98.7  |
| 2011 | 88  | 99.2  | 98.9  | 99.7  | 98.8  | 97.8  | 98.8  | 99.4  |
| 2012 | 63  | 100.2 | 99.2  | 99.8  | 99.6  | 99.0  | 99.9  | 100.1 |
| 2013 | 100 | 100.5 | 99.6  | 99.5  | 99.9  | 98.9  | 99.7  | 100.3 |
| 2014 | 57  | 100.7 | 99.7  | 100.3 | 100.3 | 99.4  | 99.9  | 100.4 |
| 2015 | 25  | 100.6 | 100.6 | 100.3 | 100.0 | 100.0 | 100.4 | 101.2 |

Tabel: 96 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | F     | T     | U     | B     | Bs  | Ext   |
|------|--------|-------|-------|-------|-------|-----|-------|
| 1985 | 11     | 93.6  | 94.3  | 89.1  | 88.0  | 0.0 | 85.1  |
| 1986 | 30     | 91.9  | 93.4  | 91.3  | 88.5  | 0.0 | 85.9  |
| 1987 | 62     | 93.1  | 93.3  | 89.8  | 89.8  | 0.0 | 86.2  |
| 1988 | 150    | 93.7  | 94.1  | 90.2  | 90.9  | 0.0 | 87.2  |
| 1989 | 286    | 93.3  | 93.7  | 90.3  | 91.0  | 0.0 | 87.1  |
| 1990 | 408    | 93.9  | 94.2  | 89.9  | 91.3  | 0.0 | 87.3  |
| 1991 | 672    | 93.5  | 93.8  | 90.3  | 89.7  | 0.0 | 86.5  |
| 1992 | 884    | 94.1  | 94.4  | 90.8  | 90.2  | 0.0 | 87.3  |
| 1993 | 958    | 94.7  | 95.3  | 91.6  | 91.2  | 0.0 | 88.6  |
| 1994 | 1191   | 96.4  | 96.9  | 90.7  | 90.0  | 0.0 | 88.2  |
| 1995 | 1251   | 96.7  | 97.2  | 90.9  | 90.4  | 0.0 | 88.7  |
| 1996 | 1128   | 96.9  | 97.7  | 91.3  | 91.5  | 0.0 | 89.7  |
| 1997 | 927    | 97.4  | 98.0  | 91.9  | 92.2  | 0.0 | 90.5  |
| 1998 | 862    | 97.5  | 98.3  | 92.0  | 92.7  | 0.0 | 90.9  |
| 1999 | 697    | 97.3  | 98.1  | 92.7  | 93.5  | 0.0 | 91.6  |
| 2000 | 460    | 97.2  | 98.0  | 93.8  | 94.5  | 0.0 | 92.6  |
| 2001 | 432    | 97.0  | 97.7  | 94.2  | 95.0  | 0.0 | 93.1  |
| 2002 | 366    | 97.1  | 98.0  | 94.4  | 94.8  | 0.0 | 93.1  |
| 2003 | 351    | 98.1  | 98.8  | 95.4  | 96.0  | 0.0 | 94.7  |
| 2004 | 298    | 98.9  | 99.3  | 95.5  | 96.1  | 0.0 | 95.1  |
| 2005 | 279    | 99.6  | 99.7  | 95.6  | 95.8  | 0.0 | 95.3  |
| 2006 | 241    | 100.1 | 100.1 | 96.3  | 96.7  | 0.0 | 96.3  |
| 2007 | 254    | 100.2 | 100.4 | 96.2  | 98.6  | 0.0 | 97.4  |
| 2008 | 223    | 99.9  | 100.0 | 96.5  | 98.9  | 0.0 | 97.5  |
| 2009 | 197    | 100.1 | 100.2 | 96.8  | 99.2  | 0.0 | 97.9  |
| 2010 | 95     | 100.5 | 100.0 | 97.5  | 98.4  | 0.0 | 97.9  |
| 2011 | 88     | 100.6 | 100.2 | 98.1  | 100.1 | 0.0 | 99.3  |
| 2012 | 63     | 100.1 | 100.2 | 99.3  | 100.5 | 0.0 | 100.0 |
| 2013 | 100    | 100.1 | 100.0 | 99.5  | 101.1 | 0.0 | 100.4 |
| 2014 | 57     | 99.1  | 99.7  | 99.9  | 100.9 | 0.0 | 100.1 |
| 2015 | 25     | 100.0 | 100.0 | 100.0 | 101.0 | 0.0 | 100.5 |

Tabel: 97 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1984 | 19     | 105.0 | 106.2 | 109.3 | 107.5 | 104.9 | 101.4 | 88.1 | 108.6 |
| 1985 | 27     | 104.4 | 105.8 | 108.6 | 106.8 | 104.2 | 100.9 | 87.8 | 107.9 |
| 1986 | 58     | 104.8 | 106.1 | 108.9 | 107.2 | 104.8 | 101.4 | 88.7 | 108.3 |

|      |      |       |       |       |       |       |       |      |       |
|------|------|-------|-------|-------|-------|-------|-------|------|-------|
| 1987 | 165  | 105.1 | 106.3 | 109.2 | 107.5 | 105.0 | 101.8 | 88.9 | 108.7 |
| 1988 | 280  | 105.5 | 105.9 | 109.2 | 107.3 | 105.2 | 101.8 | 88.1 | 108.5 |
| 1989 | 439  | 104.4 | 105.8 | 108.3 | 106.7 | 104.3 | 101.5 | 88.2 | 107.8 |
| 1990 | 675  | 104.3 | 106.3 | 108.5 | 107.2 | 104.5 | 101.9 | 88.7 | 108.1 |
| 1991 | 1090 | 104.8 | 104.5 | 107.8 | 105.9 | 104.4 | 101.9 | 90.2 | 107.1 |
| 1992 | 1471 | 104.6 | 104.4 | 107.6 | 105.7 | 104.3 | 101.8 | 91.0 | 106.9 |
| 1993 | 1620 | 104.1 | 104.6 | 107.3 | 105.7 | 104.0 | 101.7 | 91.4 | 106.8 |
| 1994 | 2130 | 103.5 | 104.4 | 106.7 | 105.3 | 103.5 | 101.6 | 91.7 | 106.2 |
| 1995 | 2338 | 103.1 | 104.5 | 106.3 | 105.1 | 103.2 | 101.6 | 91.8 | 106.0 |
| 1996 | 2133 | 102.7 | 104.0 | 105.6 | 104.3 | 102.7 | 101.4 | 92.5 | 105.2 |
| 1997 | 1724 | 102.0 | 103.3 | 104.7 | 103.4 | 101.8 | 101.2 | 92.8 | 104.3 |
| 1998 | 1706 | 101.7 | 103.4 | 104.6 | 103.3 | 101.7 | 101.2 | 93.5 | 104.2 |
| 1999 | 1411 | 101.8 | 103.4 | 104.6 | 103.5 | 101.8 | 101.1 | 93.5 | 104.3 |
| 2000 | 1019 | 102.3 | 102.4 | 104.3 | 102.9 | 102.1 | 101.3 | 94.1 | 103.8 |
| 2001 | 984  | 101.9 | 102.9 | 104.3 | 103.3 | 102.1 | 100.8 | 94.2 | 104.0 |
| 2002 | 756  | 101.1 | 103.4 | 104.1 | 103.5 | 101.9 | 100.7 | 95.6 | 104.0 |
| 2003 | 726  | 99.7  | 102.7 | 102.6 | 102.1 | 100.5 | 100.3 | 96.7 | 102.5 |
| 2004 | 671  | 99.3  | 101.9 | 101.7 | 100.9 | 99.7  | 99.5  | 96.4 | 101.4 |
| 2005 | 663  | 99.3  | 101.7 | 101.6 | 100.7 | 99.7  | 99.4  | 96.1 | 101.3 |
| 2006 | 573  | 99.0  | 101.6 | 101.2 | 100.5 | 99.5  | 99.3  | 96.8 | 100.9 |
| 2007 | 581  | 97.4  | 102.1 | 100.2 | 100.0 | 98.5  | 99.3  | 98.8 | 100.1 |
| 2008 | 498  | 97.7  | 102.1 | 100.4 | 100.2 | 98.8  | 99.4  | 98.6 | 100.3 |
| 2009 | 428  | 97.8  | 101.8 | 100.3 | 100.0 | 98.8  | 99.4  | 98.5 | 100.1 |
| 2010 | 211  | 98.5  | 101.6 | 100.7 | 100.2 | 99.2  | 99.5  | 98.3 | 100.5 |
| 2011 | 197  | 98.7  | 101.2 | 100.4 | 99.9  | 99.1  | 99.4  | 98.6 | 100.1 |
| 2012 | 152  | 98.3  | 101.2 | 99.9  | 99.7  | 98.8  | 99.4  | 98.7 | 99.8  |
| 2013 | 277  | 98.6  | 100.5 | 99.5  | 99.2  | 98.6  | 99.1  | 98.6 | 99.3  |
| 2014 | 136  | 99.3  | 100.5 | 100.0 | 99.7  | 99.2  | 99.1  | 98.1 | 99.8  |
| 2015 | 78   | 99.2  | 101.7 | 100.9 | 101.1 | 99.6  | 98.7  | 99.5 | 101.1 |
| 2016 | 22   | 100.0 | 101.4 | 101.8 | 101.1 | 100.1 | 99.0  | 98.3 | 101.6 |

Tabel: 98 MRIJ - Holstein Friesian roodbont: Gebruikskkenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | MS    | Kar   | SCC   | SKM   | KM    |
|------|--------|-------|-------|-------|-------|-------|
| 1985 | 13     | 101.7 | 83.5  | 98.7  | 101.2 | 103.2 |
| 1986 | 29     | 101.6 | 99.3  | 97.7  | 100.1 | 102.1 |
| 1987 | 65     | 100.2 | 93.4  | 98.3  | 100.7 | 102.6 |
| 1988 | 142    | 100.1 | 96.5  | 98.4  | 100.6 | 102.6 |
| 1989 | 270    | 99.3  | 97.9  | 98.1  | 99.9  | 102.5 |
| 1990 | 383    | 100.1 | 98.8  | 97.8  | 99.5  | 101.6 |
| 1991 | 653    | 99.8  | 98.8  | 98.8  | 100.7 | 102.1 |
| 1992 | 874    | 100.6 | 99.2  | 98.9  | 100.6 | 102.0 |
| 1993 | 933    | 101.4 | 99.1  | 98.3  | 100.0 | 101.6 |
| 1994 | 1161   | 101.8 | 99.1  | 98.6  | 100.0 | 101.6 |
| 1995 | 1243   | 101.4 | 99.0  | 98.3  | 99.4  | 101.3 |
| 1996 | 1119   | 101.8 | 99.5  | 98.2  | 99.0  | 101.0 |
| 1997 | 924    | 101.4 | 99.6  | 98.2  | 98.9  | 100.8 |
| 1998 | 852    | 101.5 | 99.3  | 98.1  | 98.7  | 100.2 |
| 1999 | 690    | 101.0 | 99.5  | 97.9  | 98.5  | 99.7  |
| 2000 | 450    | 101.0 | 99.0  | 98.5  | 99.1  | 100.2 |
| 2001 | 433    | 101.1 | 98.8  | 98.3  | 98.6  | 99.4  |
| 2002 | 364    | 100.8 | 98.4  | 97.5  | 97.7  | 98.2  |
| 2003 | 350    | 100.9 | 99.1  | 98.0  | 98.1  | 98.7  |
| 2004 | 297    | 100.7 | 98.8  | 98.7  | 98.4  | 99.0  |
| 2005 | 275    | 100.8 | 99.2  | 99.1  | 99.1  | 99.0  |
| 2006 | 240    | 101.0 | 99.1  | 99.7  | 99.4  | 99.3  |
| 2007 | 251    | 101.3 | 100.3 | 99.6  | 99.2  | 99.3  |
| 2008 | 224    | 101.4 | 100.3 | 99.9  | 99.2  | 99.3  |
| 2009 | 192    | 101.7 | 100.4 | 100.2 | 99.4  | 99.7  |

|      |    |       |       |       |       |       |
|------|----|-------|-------|-------|-------|-------|
| 2010 | 93 | 100.9 | 99.9  | 100.0 | 99.4  | 99.4  |
| 2011 | 86 | 100.9 | 100.4 | 100.5 | 99.6  | 99.7  |
| 2012 | 60 | 100.5 | 100.2 | 100.4 | 99.4  | 99.4  |
| 2013 | 92 | 100.8 | 99.8  | 101.3 | 100.1 | 99.8  |
| 2014 | 53 | 101.2 | 101.1 | 101.2 | 100.0 | 99.4  |
| 2015 | 25 | 101.1 | 101.4 | 101.7 | 100.5 | 100.1 |

Tabel: 99 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B     | Gin   |
|------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 1984 | 15     | -193.4 | -507.2 | -208.1 | 103.5 | 108.6 | 92.6  | 89.3  | 99.0  |
| 1985 | 20     | -204.7 | -515.6 | -280.4 | 102.8 | 107.9 | 89.1  | 88.0  | 99.9  |
| 1986 | 46     | -199.6 | -508.1 | -236.7 | 101.5 | 108.3 | 91.3  | 88.5  | 99.3  |
| 1987 | 145    | -206.2 | -525.2 | -275.8 | 102.0 | 108.7 | 89.8  | 89.8  | 100.0 |
| 1988 | 277    | -198.0 | -513.8 | -282.0 | 102.0 | 108.5 | 90.2  | 90.9  | 99.6  |
| 1989 | 434    | -195.9 | -491.0 | -288.7 | 101.6 | 107.8 | 90.3  | 91.0  | 99.3  |
| 1990 | 659    | -198.0 | -491.5 | -284.4 | 100.8 | 108.1 | 89.9  | 91.3  | 99.3  |
| 1991 | 1087   | -182.3 | -423.7 | -284.0 | 101.7 | 107.1 | 90.3  | 89.7  | 99.3  |
| 1992 | 1462   | -174.9 | -409.4 | -252.1 | 101.6 | 106.9 | 90.8  | 90.2  | 99.4  |
| 1993 | 1611   | -173.8 | -406.8 | -253.5 | 101.0 | 106.8 | 91.6  | 91.2  | 99.4  |
| 1994 | 2107   | -164.7 | -356.7 | -257.5 | 101.1 | 106.2 | 90.7  | 90.0  | 99.5  |
| 1995 | 2320   | -159.2 | -342.3 | -235.4 | 100.5 | 106.0 | 90.9  | 90.4  | 99.8  |
| 1996 | 2110   | -157.3 | -329.6 | -224.7 | 100.2 | 105.2 | 91.3  | 91.5  | 99.9  |
| 1997 | 1713   | -151.6 | -300.1 | -223.0 | 100.0 | 104.3 | 91.9  | 92.2  | 99.6  |
| 1998 | 1678   | -149.6 | -290.9 | -236.5 | 99.5  | 104.2 | 92.0  | 92.7  | 99.6  |
| 1999 | 1389   | -136.5 | -272.6 | -213.1 | 99.1  | 104.3 | 92.7  | 93.5  | 100.0 |
| 2000 | 998    | -111.8 | -235.2 | -133.5 | 99.7  | 103.8 | 93.8  | 94.5  | 100.0 |
| 2001 | 949    | -98.9  | -212.7 | -104.7 | 98.9  | 104.0 | 94.2  | 95.0  | 100.4 |
| 2002 | 733    | -93.3  | -183.5 | -101.2 | 97.7  | 104.0 | 94.4  | 94.8  | 100.4 |
| 2003 | 690    | -80.0  | -149.4 | -63.6  | 98.2  | 102.5 | 95.4  | 96.0  | 99.0  |
| 2004 | 636    | -72.3  | -107.8 | -87.9  | 98.6  | 101.4 | 95.5  | 96.1  | 97.5  |
| 2005 | 621    | -57.4  | -76.3  | -71.2  | 98.9  | 101.3 | 95.6  | 95.8  | 98.2  |
| 2006 | 523    | -49.3  | -62.5  | -48.2  | 99.2  | 100.9 | 96.3  | 96.7  | 98.2  |
| 2007 | 536    | -31.2  | -32.6  | 1.9    | 99.2  | 100.1 | 96.2  | 98.6  | 96.4  |
| 2008 | 420    | -18.5  | -17.8  | 34.3   | 99.3  | 100.3 | 96.5  | 98.9  | 96.8  |
| 2009 | 362    | -18.8  | -18.4  | 40.9   | 99.5  | 100.1 | 96.8  | 99.2  | 97.1  |
| 2010 | 188    | -17.3  | -23.3  | 47.8   | 99.3  | 100.5 | 97.5  | 98.4  | 97.7  |
| 2011 | 159    | -3.2   | -8.4   | 67.1   | 99.6  | 100.1 | 98.1  | 100.1 | 97.8  |
| 2012 | 118    | -5.8   | -11.3  | 66.6   | 99.3  | 99.8  | 99.3  | 100.5 | 98.1  |
| 2013 | 210    | 11.2   | 14.4   | 86.3   | 100.0 | 99.3  | 99.5  | 101.1 | 99.1  |
| 2014 | 98     | 7.8    | -1.4   | 96.4   | 99.7  | 99.8  | 99.9  | 100.9 | 99.8  |
| 2015 | 56     | 25.5   | 18.1   | 101.8  | 100.3 | 101.1 | 100.0 | 101.0 | 100.1 |
| 2016 | 14     | 46.6   | 34.6   | 126.8  | 101.1 | 101.6 | 99.0  | 101.7 | 100.8 |

Tabel: 100 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Kgh  | Bv   | Mo    | Sp   | Zz   | Ty    | Wld  |
|------|--------|------|------|-------|------|------|-------|------|
| 1991 | 26     | 94.7 | 94.9 | 98.1  | 96.9 | 96.3 | 95.8  | 97.5 |
| 1992 | 12     | 94.1 | 95.2 | 97.6  | 95.5 | 96.4 | 96.6  | 97.6 |
| 1993 | 15     | 94.9 | 96.5 | 97.6  | 96.4 | 96.5 | 98.2  | 97.7 |
| 1994 | 33     | 96.7 | 97.4 | 99.7  | 96.8 | 97.4 | 99.3  | 96.9 |
| 1995 | 55     | 97.2 | 98.3 | 100.5 | 96.5 | 97.8 | 100.3 | 96.5 |
| 1996 | 33     | 96.6 | 97.8 | 99.7  | 96.3 | 97.4 | 99.8  | 96.8 |
| 1997 | 37     | 95.8 | 95.9 | 99.4  | 97.6 | 96.1 | 98.2  | 96.6 |

|      |    |       |       |       |       |       |       |       |
|------|----|-------|-------|-------|-------|-------|-------|-------|
| 1998 | 38 | 96.0  | 96.2  | 99.7  | 97.8  | 95.5  | 97.9  | 95.7  |
| 1999 | 42 | 97.3  | 97.2  | 100.6 | 98.5  | 96.4  | 98.5  | 96.4  |
| 2000 | 38 | 96.8  | 98.1  | 98.9  | 97.6  | 97.0  | 98.8  | 96.8  |
| 2001 | 45 | 97.2  | 98.1  | 99.7  | 97.6  | 97.7  | 99.3  | 96.1  |
| 2002 | 29 | 97.8  | 98.6  | 100.6 | 98.1  | 97.6  | 100.2 | 95.3  |
| 2003 | 39 | 98.7  | 99.3  | 100.1 | 99.6  | 98.3  | 99.1  | 96.6  |
| 2004 | 35 | 99.3  | 100.3 | 100.3 | 99.5  | 99.1  | 98.5  | 97.6  |
| 2005 | 37 | 100.2 | 100.6 | 101.0 | 100.2 | 99.2  | 99.3  | 98.5  |
| 2006 | 29 | 99.7  | 100.3 | 100.8 | 99.9  | 98.5  | 98.9  | 98.1  |
| 2007 | 31 | 100.9 | 101.7 | 100.5 | 100.5 | 100.8 | 98.3  | 99.6  |
| 2008 | 27 | 100.9 | 101.9 | 100.4 | 100.2 | 101.4 | 98.4  | 100.3 |
| 2009 | 25 | 100.4 | 100.3 | 100.6 | 101.3 | 99.2  | 99.3  | 98.7  |
| 2010 | 21 | 100.0 | 101.0 | 100.2 | 99.8  | 100.1 | 99.3  | 98.5  |
| 2011 | 15 | 100.7 | 101.9 | 99.7  | 100.3 | 101.3 | 99.7  | 99.5  |
| 2012 | 12 | 100.5 | 101.2 | 100.0 | 100.2 | 101.2 | 99.0  | 99.5  |
| 2013 | 12 | 100.4 | 102.0 | 99.3  | 99.8  | 102.2 | 99.8  | 99.0  |
| 2014 | 10 | 99.5  | 101.0 | 99.2  | 99.1  | 101.5 | 98.8  | 98.5  |

Tabel: 101 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LVg  | LVA   | LVg1 | LVA1  | LVg2  | LVA2  |
|------|--------|------|-------|------|-------|-------|-------|
| 1989 | 21     | 95.7 | 101.1 | 95.7 | 101.1 | 96.9  | 99.8  |
| 1990 | 20     | 95.1 | 101.5 | 95.1 | 101.5 | 96.2  | 99.0  |
| 1991 | 54     | 96.8 | 101.2 | 96.8 | 101.2 | 99.4  | 97.9  |
| 1992 | 44     | 95.6 | 101.7 | 95.6 | 101.7 | 97.4  | 99.0  |
| 1993 | 46     | 95.5 | 101.8 | 95.5 | 101.8 | 97.3  | 99.2  |
| 1994 | 55     | 95.8 | 102.2 | 95.8 | 102.2 | 98.0  | 99.5  |
| 1995 | 85     | 95.8 | 102.1 | 95.8 | 102.1 | 98.3  | 99.2  |
| 1996 | 61     | 96.3 | 102.2 | 96.3 | 102.2 | 98.4  | 99.8  |
| 1997 | 71     | 96.7 | 101.5 | 96.7 | 101.5 | 98.3  | 99.6  |
| 1998 | 87     | 96.5 | 102.0 | 96.5 | 102.0 | 98.1  | 99.3  |
| 1999 | 81     | 97.1 | 102.2 | 97.1 | 102.2 | 98.3  | 100.1 |
| 2000 | 70     | 97.1 | 101.5 | 97.1 | 101.5 | 98.0  | 100.5 |
| 2001 | 87     | 97.7 | 101.7 | 97.7 | 101.7 | 98.6  | 100.9 |
| 2002 | 49     | 97.9 | 101.6 | 97.9 | 101.6 | 98.6  | 101.0 |
| 2003 | 71     | 97.5 | 100.0 | 97.5 | 100.0 | 98.2  | 99.9  |
| 2004 | 61     | 97.2 | 99.7  | 97.2 | 99.7  | 98.7  | 99.0  |
| 2005 | 72     | 97.7 | 99.6  | 97.7 | 99.6  | 99.3  | 99.0  |
| 2006 | 52     | 97.6 | 100.0 | 97.6 | 100.0 | 98.5  | 100.1 |
| 2007 | 50     | 97.6 | 98.3  | 97.6 | 98.3  | 99.1  | 98.7  |
| 2008 | 47     | 98.1 | 98.5  | 98.1 | 98.5  | 99.7  | 98.7  |
| 2009 | 39     | 98.2 | 99.7  | 98.2 | 99.7  | 99.6  | 99.5  |
| 2010 | 29     | 97.4 | 99.8  | 97.4 | 99.8  | 99.1  | 99.9  |
| 2011 | 23     | 97.7 | 99.7  | 97.7 | 99.7  | 100.0 | 100.0 |
| 2012 | 17     | 97.9 | 100.5 | 97.9 | 100.5 | 99.9  | 100.1 |
| 2013 | 13     | 99.5 | 100.8 | 99.5 | 100.8 | 101.2 | 100.8 |
| 2014 | 10     | 99.1 | 100.2 | 99.1 | 100.2 | 100.6 | 100.4 |

Tabel: 102 MRIJ - Holstein Friesian roodbont: Geboortekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw   | Afk  | MDt  | MGw   |
|------|--------|-------|-------|-------|------|------|-------|
| 1984 | 10     | 100.2 | 102.1 | 99.5  | 91.7 | 86.5 | 89.6  |
| 1986 | 26     | 97.7  | 103.2 | 102.5 | 98.1 | 97.9 | 102.7 |
| 1987 | 73     | 98.6  | 102.8 | 101.5 | 98.9 | 98.3 | 102.7 |

|      |     |       |       |       |       |       |       |
|------|-----|-------|-------|-------|-------|-------|-------|
| 1988 | 130 | 99.0  | 103.2 | 101.0 | 98.3  | 96.9  | 102.1 |
| 1989 | 169 | 98.8  | 103.1 | 101.1 | 98.4  | 97.5  | 102.4 |
| 1990 | 313 | 98.8  | 103.5 | 101.1 | 98.4  | 97.9  | 101.5 |
| 1991 | 521 | 98.0  | 102.0 | 101.7 | 96.7  | 98.5  | 102.7 |
| 1992 | 683 | 97.6  | 102.5 | 102.2 | 97.1  | 98.3  | 102.0 |
| 1993 | 696 | 97.9  | 102.4 | 102.1 | 98.8  | 98.3  | 100.6 |
| 1994 | 811 | 97.2  | 102.7 | 102.7 | 99.4  | 98.0  | 101.1 |
| 1995 | 887 | 97.7  | 102.8 | 102.2 | 100.5 | 97.8  | 99.9  |
| 1996 | 853 | 98.1  | 102.9 | 102.0 | 99.9  | 97.8  | 99.8  |
| 1997 | 755 | 97.8  | 102.7 | 102.3 | 99.9  | 98.4  | 100.6 |
| 1998 | 715 | 97.6  | 103.2 | 102.5 | 99.1  | 98.9  | 101.0 |
| 1999 | 627 | 98.1  | 101.8 | 102.1 | 99.9  | 98.9  | 100.3 |
| 2000 | 454 | 98.6  | 101.2 | 101.4 | 100.1 | 98.0  | 100.1 |
| 2001 | 448 | 98.0  | 100.9 | 102.1 | 100.6 | 97.3  | 99.9  |
| 2002 | 332 | 97.5  | 101.0 | 102.4 | 100.0 | 97.7  | 100.4 |
| 2003 | 312 | 97.6  | 101.9 | 102.5 | 98.9  | 98.7  | 100.2 |
| 2004 | 251 | 97.5  | 102.8 | 102.5 | 99.3  | 100.5 | 101.5 |
| 2005 | 237 | 97.8  | 102.5 | 102.3 | 99.1  | 100.3 | 101.4 |
| 2006 | 210 | 97.5  | 102.5 | 102.6 | 99.8  | 101.4 | 102.2 |
| 2007 | 225 | 99.0  | 103.1 | 101.3 | 97.2  | 102.8 | 102.7 |
| 2008 | 209 | 99.2  | 102.6 | 101.1 | 97.2  | 102.4 | 102.6 |
| 2009 | 193 | 98.8  | 102.5 | 101.4 | 97.8  | 102.1 | 102.5 |
| 2010 | 111 | 98.3  | 102.4 | 102.1 | 98.2  | 101.6 | 101.9 |
| 2011 | 90  | 98.8  | 101.7 | 101.5 | 98.4  | 101.3 | 101.9 |
| 2012 | 70  | 99.0  | 101.9 | 101.2 | 98.1  | 101.1 | 101.9 |
| 2013 | 104 | 97.8  | 101.4 | 102.7 | 98.8  | 100.5 | 102.2 |
| 2014 | 48  | 97.9  | 101.2 | 102.5 | 99.8  | 98.8  | 101.7 |
| 2015 | 35  | 98.8  | 100.3 | 101.0 | 100.3 | 99.6  | 102.0 |
| 2016 | 25  | 100.2 | 100.2 | 100.3 | 100.4 | 99.6  | 101.4 |
| 2017 | 11  | 100.0 | 99.0  | 100.1 | 100.4 | 98.5  | 101.9 |

Tabel: 103 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1986 | 15     | 107.5 | 112.9 | 94.8  | 103.7 | 109.9 | 97.9  | 106.0 | 99.6  | 110.8 | 98.9  | 105.1 |
| 1987 | 28     | 106.8 | 112.9 | 94.5  | 104.0 | 110.7 | 98.2  | 105.9 | 98.0  | 109.9 | 98.1  | 105.4 |
| 1988 | 53     | 109.2 | 114.6 | 94.4  | 104.9 | 112.4 | 97.4  | 108.1 | 99.1  | 111.2 | 98.8  | 105.5 |
| 1989 | 74     | 107.4 | 113.0 | 95.0  | 103.7 | 111.0 | 97.4  | 106.4 | 98.2  | 111.1 | 98.4  | 105.4 |
| 1990 | 122    | 107.5 | 112.7 | 94.9  | 103.7 | 110.7 | 97.4  | 106.3 | 98.7  | 111.1 | 98.2  | 106.2 |
| 1991 | 245    | 106.0 | 109.8 | 96.0  | 102.0 | 108.7 | 96.7  | 105.2 | 98.5  | 109.2 | 97.8  | 104.0 |
| 1992 | 323    | 105.8 | 109.8 | 95.7  | 102.2 | 108.5 | 97.3  | 104.9 | 98.5  | 109.1 | 97.8  | 104.4 |
| 1993 | 383    | 106.6 | 109.6 | 96.0  | 102.7 | 108.8 | 97.0  | 105.8 | 98.8  | 109.0 | 98.1  | 105.1 |
| 1994 | 475    | 106.3 | 110.2 | 96.1  | 103.4 | 108.0 | 97.9  | 105.3 | 99.2  | 109.0 | 98.3  | 106.4 |
| 1995 | 622    | 106.1 | 109.8 | 97.0  | 103.3 | 107.4 | 98.6  | 105.0 | 99.7  | 108.7 | 98.9  | 106.2 |
| 1996 | 594    | 105.8 | 109.8 | 97.2  | 103.2 | 107.2 | 99.1  | 104.6 | 99.3  | 108.9 | 99.2  | 106.3 |
| 1997 | 567    | 105.1 | 108.3 | 97.8  | 102.5 | 106.4 | 99.0  | 104.2 | 99.2  | 107.9 | 99.3  | 104.9 |
| 1998 | 620    | 104.6 | 107.3 | 97.7  | 102.2 | 105.7 | 98.6  | 103.8 | 99.3  | 107.4 | 98.4  | 104.5 |
| 1999 | 627    | 104.2 | 107.1 | 97.6  | 102.2 | 105.6 | 98.6  | 103.5 | 98.9  | 106.9 | 98.5  | 104.5 |
| 2000 | 519    | 103.9 | 105.9 | 98.1  | 101.4 | 105.1 | 98.9  | 102.9 | 99.7  | 106.7 | 99.0  | 103.7 |
| 2001 | 579    | 104.0 | 105.2 | 99.8  | 101.6 | 105.1 | 99.5  | 102.8 | 99.9  | 106.0 | 100.1 | 104.3 |
| 2002 | 467    | 103.8 | 104.6 | 100.4 | 101.6 | 104.8 | 99.6  | 103.1 | 99.5  | 105.4 | 100.2 | 103.2 |
| 2003 | 530    | 103.7 | 104.6 | 99.7  | 101.5 | 104.3 | 99.4  | 102.5 | 100.4 | 105.3 | 99.6  | 103.7 |
| 2004 | 479    | 103.4 | 103.9 | 99.8  | 101.2 | 103.5 | 99.2  | 102.0 | 101.4 | 105.3 | 98.8  | 103.6 |
| 2005 | 481    | 103.6 | 103.0 | 100.5 | 100.7 | 103.5 | 98.8  | 102.2 | 101.5 | 105.2 | 98.9  | 103.9 |
| 2006 | 409    | 103.4 | 103.3 | 100.3 | 101.1 | 102.9 | 98.8  | 101.9 | 101.6 | 105.2 | 99.3  | 103.8 |
| 2007 | 465    | 102.8 | 103.9 | 100.1 | 101.0 | 102.2 | 99.3  | 101.1 | 102.0 | 105.7 | 99.5  | 103.1 |
| 2008 | 358    | 102.4 | 103.6 | 100.1 | 100.6 | 102.0 | 99.5  | 100.9 | 101.5 | 105.7 | 100.1 | 102.8 |
| 2009 | 316    | 102.5 | 103.7 | 100.1 | 100.8 | 102.2 | 99.7  | 100.9 | 101.2 | 107.1 | 100.2 | 103.3 |
| 2010 | 158    | 102.4 | 102.9 | 100.0 | 100.3 | 102.1 | 99.1  | 101.3 | 100.9 | 105.5 | 99.6  | 102.3 |

|      |     |       |       |       |      |       |       |       |       |       |       |       |
|------|-----|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| 2011 | 119 | 101.7 | 102.4 | 100.1 | 99.5 | 101.5 | 99.5  | 100.5 | 100.5 | 105.6 | 100.5 | 101.7 |
| 2012 | 73  | 101.4 | 102.5 | 99.8  | 99.9 | 101.0 | 100.2 | 100.4 | 100.3 | 106.3 | 101.0 | 102.3 |
| 2013 | 131 | 101.1 | 101.7 | 101.1 | 99.8 | 100.7 | 100.3 | 100.0 | 100.4 | 105.4 | 102.2 | 100.7 |
| 2014 | 40  | 100.7 | 98.5  | 102.2 | 97.8 | 100.3 | 99.5  | 100.2 | 100.1 | 102.0 | 101.2 | 99.7  |
| 2015 | 11  | 101.4 | 97.0  | 103.3 | 99.4 | 98.4  | 102.2 | 101.5 | 100.5 | 100.7 | 104.8 | 100.7 |

Tabel: 104 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1989 | 13     | 97.9  | 98.8  | 100.1 |
| 1990 | 16     | 97.9  | 99.2  | 99.6  |
| 1991 | 33     | 99.0  | 99.8  | 100.2 |
| 1992 | 19     | 97.5  | 98.6  | 100.4 |
| 1993 | 27     | 97.4  | 99.1  | 99.6  |
| 1994 | 40     | 98.5  | 99.6  | 100.0 |
| 1995 | 41     | 98.7  | 99.8  | 100.0 |
| 1996 | 36     | 98.6  | 100.1 | 99.7  |
| 1997 | 58     | 98.1  | 99.5  | 98.9  |
| 1998 | 64     | 97.6  | 99.0  | 99.2  |
| 1999 | 66     | 98.2  | 99.4  | 99.9  |
| 2000 | 59     | 98.0  | 99.4  | 99.8  |
| 2001 | 76     | 98.6  | 99.5  | 100.1 |
| 2002 | 40     | 98.8  | 99.5  | 100.3 |
| 2003 | 62     | 99.5  | 100.4 | 99.8  |
| 2004 | 51     | 99.5  | 100.1 | 100.1 |
| 2005 | 58     | 100.6 | 100.7 | 100.4 |
| 2006 | 44     | 100.7 | 100.9 | 100.5 |
| 2007 | 36     | 100.5 | 100.6 | 100.1 |
| 2008 | 43     | 100.8 | 101.0 | 100.9 |
| 2009 | 32     | 99.8  | 100.0 | 99.9  |
| 2010 | 21     | 100.3 | 100.3 | 100.5 |
| 2011 | 17     | 100.9 | 101.7 | 99.7  |
| 2012 | 13     | 101.5 | 101.4 | 99.9  |

Tabel: 105 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2001 | 949    | -1524.2 | -6304.4 | -248.5 | -223.4 |
| 2002 | 734    | -1396.2 | -5612.4 | -231.4 | -203.3 |
| 2003 | 685    | -1069.4 | -4711.6 | -164.1 | -161.0 |
| 2004 | 631    | -1084.5 | -4785.9 | -162.7 | -165.2 |
| 2005 | 620    | -860.0  | -3655.8 | -132.0 | -129.9 |
| 2006 | 518    | -675.3  | -2912.2 | -101.5 | -103.0 |
| 2007 | 531    | -257.8  | -1902.6 | -18.3  | -47.2  |
| 2008 | 417    | -3.1    | -941.8  | 25.2   | -10.5  |
| 2009 | 367    | 33.7    | -525.0  | 27.3   | -4.1   |
| 2010 | 190    | 63.4    | -306.7  | 24.7   | 3.9    |
| 2011 | 167    | 242.5   | 238.6   | 58.6   | 28.3   |
| 2012 | 121    | 223.8   | 241.1   | 50.7   | 27.8   |
| 2013 | 218    | 445.1   | 1384.6  | 80.1   | 62.9   |
| 2014 | 107    | 458.6   | 1436.1  | 82.4   | 64.8   |
| 2015 | 63     | 563.2   | 1905.1  | 94.1   | 82.8   |
| 2016 | 20     | 717.3   | 2464.7  | 122.5  | 103.8  |



Tabel: 106 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | Eff   | Int   | Gewen |
|------|--------|-------|-------|-------|
| 1989 | 11     | 99.7  | 96.5  | 102.1 |
| 1990 | 12     | 100.3 | 96.1  | 101.8 |
| 1991 | 30     | 99.2  | 98.3  | 102.2 |
| 1992 | 21     | 100.1 | 98.3  | 101.7 |
| 1993 | 35     | 101.0 | 97.4  | 101.7 |
| 1994 | 53     | 101.0 | 93.4  | 102.1 |
| 1995 | 44     | 101.4 | 94.2  | 101.7 |
| 1996 | 40     | 101.3 | 95.3  | 101.9 |
| 1997 | 53     | 101.2 | 96.1  | 102.1 |
| 1998 | 49     | 101.2 | 95.8  | 101.6 |
| 1999 | 45     | 100.5 | 96.0  | 101.9 |
| 2000 | 38     | 101.4 | 96.8  | 101.0 |
| 2001 | 43     | 101.0 | 97.3  | 100.6 |
| 2002 | 25     | 101.3 | 97.6  | 100.4 |
| 2003 | 37     | 100.4 | 99.5  | 100.5 |
| 2004 | 38     | 100.8 | 99.7  | 101.3 |
| 2005 | 24     | 101.3 | 99.5  | 101.2 |
| 2006 | 30     | 101.2 | 100.2 | 100.5 |
| 2007 | 38     | 100.9 | 101.6 | 100.7 |
| 2008 | 31     | 100.1 | 102.7 | 100.9 |
| 2009 | 33     | 101.0 | 106.7 | 98.9  |
| 2010 | 23     | 99.6  | 104.3 | 99.5  |
| 2011 | 14     | 98.9  | 103.6 | 99.2  |
| 2012 | 12     | 100.8 | 105.8 | 99.4  |
| 2013 | 19     | 101.4 | 104.9 | 98.6  |
| 2014 | 12     | 101.9 | 104.8 | 99.5  |

Tabel: 107 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | Pers | RTM  | Aantal | DSopn | Aantal | Gew  |
|------|--------|------|------|--------|-------|--------|------|
| 1984 | 15     | 96.1 | 96.1 | 2      | -3.7  | 0      | 0.0  |
| 1985 | 20     | 96.8 | 95.8 | 20     | -4.7  | 0      | 0.0  |
| 1986 | 46     | 96.6 | 95.6 | 46     | -4.6  | 0      | 0.0  |
| 1987 | 145    | 96.5 | 95.6 | 145    | -4.5  | 0      | 0.0  |
| 1988 | 277    | 96.2 | 95.6 | 277    | -4.4  | 0      | 0.0  |
| 1989 | 434    | 96.6 | 96.4 | 434    | -4.3  | 0      | 0.0  |
| 1990 | 659    | 96.1 | 96.2 | 660    | -4.3  | 0      | 0.0  |
| 1991 | 1087   | 95.9 | 96.1 | 1089   | -4.0  | 0      | 0.0  |
| 1992 | 1462   | 96.3 | 96.1 | 1462   | -3.8  | 0      | 0.0  |
| 1993 | 1611   | 96.1 | 96.0 | 1612   | -3.6  | 0      | 0.0  |
| 1994 | 2107   | 96.1 | 96.8 | 2108   | -3.0  | 0      | 0.0  |
| 1995 | 2320   | 96.3 | 96.9 | 2321   | -2.9  | 0      | 0.0  |
| 1996 | 2110   | 96.5 | 96.6 | 2111   | -2.7  | 0      | 0.0  |
| 1997 | 1713   | 96.8 | 96.3 | 1714   | -2.4  | 0      | 0.0  |
| 1998 | 1678   | 96.4 | 96.0 | 1682   | -2.4  | 0      | 0.0  |
| 1999 | 1389   | 96.7 | 96.3 | 1390   | -2.3  | 0      | 0.0  |
| 2000 | 998    | 97.5 | 97.0 | 998    | -2.0  | 0      | 0.0  |
| 2001 | 949    | 98.5 | 96.9 | 949    | -1.8  | 432    | 97.5 |
| 2002 | 733    | 98.8 | 96.4 | 735    | -1.6  | 366    | 97.8 |
| 2003 | 690    | 99.3 | 97.3 | 690    | -1.2  | 351    | 98.7 |
| 2004 | 636    | 99.1 | 97.5 | 636    | -0.8  | 298    | 99.0 |

|      |     |       |       |     |      |     |       |
|------|-----|-------|-------|-----|------|-----|-------|
| 2005 | 621 | 99.9  | 97.7  | 624 | -0.5 | 279 | 99.4  |
| 2006 | 523 | 100.5 | 98.7  | 524 | -0.3 | 241 | 100.3 |
| 2007 | 536 | 101.0 | 100.2 | 536 | -0.1 | 254 | 100.6 |
| 2008 | 420 | 101.2 | 100.6 | 420 | -0.1 | 223 | 100.1 |
| 2009 | 362 | 101.2 | 100.4 | 369 | -0.0 | 197 | 100.2 |
| 2010 | 188 | 100.5 | 99.2  | 190 | -0.1 | 95  | 100.1 |
| 2011 | 159 | 100.7 | 99.4  | 167 | 0.0  | 88  | 100.6 |
| 2012 | 118 | 100.7 | 98.8  | 121 | -0.0 | 63  | 99.8  |
| 2013 | 210 | 101.0 | 98.1  | 220 | 0.2  | 99  | 99.8  |
| 2014 | 98  | 101.3 | 98.6  | 107 | -0.0 | 57  | 99.7  |
| 2015 | 56  | 101.4 | 98.5  | 62  | 0.2  | 25  | 100.3 |
| 2016 | 14  | 102.0 | 96.8  | 20  | 0.1  | 3   | 97.7  |

Tabel: 108 MRIJ - Holstein Friesian roodbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V    | %E    | %L    | INET   |
|------|--------|---------|-------|-------|-------|-------|-------|-------|--------|
| 1980 | 13     | -1092.4 | -43.4 | -48.9 | -59.3 | 9.8   | -16.1 | -17.0 | -309.7 |
| 1981 | 25     | -971.4  | -32.9 | -46.2 | -53.9 | 19.3  | -19.1 | -17.1 | -274.9 |
| 1982 | 41     | -931.3  | -32.9 | -45.2 | -52.0 | 16.6  | -19.4 | -16.9 | -270.1 |
| 1983 | 79     | -1005.6 | -38.9 | -48.3 | -55.5 | 11.8  | -20.3 | -17.3 | -296.3 |
| 1984 | 131    | -1109.7 | -44.3 | -50.9 | -60.3 | 10.3  | -18.4 | -17.5 | -319.7 |
| 1985 | 178    | -1041.6 | -38.8 | -48.6 | -57.1 | 14.9  | -18.4 | -17.3 | -297.8 |
| 1986 | 348    | -910.6  | -37.4 | -45.1 | -51.2 | 7.1   | -20.2 | -17.0 | -278.8 |
| 1987 | 623    | -905.7  | -35.8 | -45.0 | -50.9 | 9.5   | -20.4 | -17.0 | -275.1 |
| 1988 | 713    | -883.9  | -35.4 | -43.8 | -50.0 | 8.3   | -19.7 | -16.9 | -269.0 |
| 1989 | 674    | -894.0  | -32.9 | -43.4 | -50.4 | 14.2  | -18.0 | -16.9 | -262.0 |
| 1990 | 748    | -941.0  | -32.8 | -43.8 | -52.5 | 18.6  | -15.6 | -17.1 | -264.0 |
| 1991 | 624    | -798.3  | -28.0 | -37.9 | -46.0 | 15.0  | -14.4 | -16.7 | -227.9 |
| 1992 | 487    | -685.2  | -25.7 | -35.1 | -40.9 | 10.1  | -16.5 | -16.5 | -210.3 |
| 1993 | 598    | -437.8  | -19.3 | -27.1 | -29.6 | 1.6   | -17.8 | -16.0 | -160.5 |
| 1994 | 718    | -293.4  | -12.0 | -20.8 | -23.0 | 2.8   | -15.8 | -15.7 | -117.3 |
| 1995 | 431    | -216.3  | -7.5  | -17.3 | -19.5 | 4.3   | -14.6 | -15.6 | -92.7  |
| 1996 | 269    | -147.2  | -6.1  | -16.7 | -16.3 | 1.8   | -17.3 | -15.4 | -86.1  |
| 1997 | 125    | -28.7   | -1.6  | -12.1 | -11.0 | 0.3   | -16.9 | -15.3 | -56.4  |
| 1998 | 52     | 17.5    | 3.6   | -9.7  | -8.8  | 4.8   | -15.9 | -15.2 | -34.9  |
| 1999 | 57     | 51.9    | 3.9   | -6.3  | -7.2  | 3.0   | -12.1 | -15.1 | -19.7  |
| 2000 | 31     | 52.3    | 2.4   | -6.2  | -7.1  | 1.2   | -12.2 | -14.8 | -22.6  |
| 2001 | 26     | 453.9   | 19.2  | 10.1  | 12.8  | -0.5  | -9.5  | -11.5 | 85.7   |
| 2002 | 28     | 417.0   | 12.5  | 4.2   | 12.4  | -7.3  | -15.9 | -9.8  | 47.5   |
| 2003 | 31     | 449.3   | 18.7  | 7.4   | 17.1  | -0.1  | -12.8 | -5.3  | 74.8   |
| 2004 | 26     | 409.0   | 19.9  | 6.3   | 14.7  | 3.1   | -12.4 | -6.2  | 71.8   |
| 2005 | 27     | 901.4   | 40.4  | 22.4  | 35.7  | 1.8   | -14.0 | -8.0  | 187.6  |
| 2006 | 17     | 994.8   | 30.8  | 22.6  | 39.1  | -17.2 | -18.2 | -8.9  | 169.4  |
| 2007 | 23     | 736.2   | 38.5  | 20.7  | 27.0  | 8.5   | -8.4  | -10.0 | 173.6  |
| 2008 | 23     | 470.3   | 26.1  | 12.6  | 17.3  | 7.9   | -6.7  | -6.0  | 111.7  |
| 2009 | 13     | 665.0   | 35.2  | 18.5  | 23.5  | 8.5   | -8.2  | -10.2 | 156.9  |
| 2010 | 10     | 692.8   | 26.3  | 13.8  | 22.8  | -4.8  | -15.4 | -12.7 | 118.7  |
| 2011 | 10     | 865.5   | 41.2  | 27.4  | 31.9  | 3.7   | -6.2  | -11.1 | 208.5  |
| 2013 | 11     | 1023.1  | 34.5  | 29.0  | 37.5  | -14.3 | -11.1 | -13.0 | 202.6  |
| 2014 | 18     | 868.1   | 32.5  | 21.9  | 32.9  | -8.0  | -13.7 | -9.7  | 168.1  |
| 2015 | 11     | 918.8   | 31.9  | 21.8  | 33.3  | -12.0 | -16.1 | -12.4 | 166.5  |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 109 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | H     | VH   | IH    | OH    | CS   | KL   | KB   |
|------|--------|-------|------|-------|-------|------|------|------|
| 1981 | 14     | 93.9  | 91.3 | 94.9  | 100.1 | 94.3 | 91.3 | 96.1 |
| 1982 | 27     | 96.6  | 91.6 | 96.6  | 102.5 | 94.2 | 91.1 | 98.0 |
| 1983 | 38     | 96.4  | 91.8 | 96.3  | 102.1 | 93.4 | 92.3 | 97.3 |
| 1984 | 63     | 94.5  | 93.1 | 96.2  | 101.1 | 94.9 | 92.7 | 97.1 |
| 1985 | 83     | 95.2  | 92.4 | 96.3  | 101.4 | 94.1 | 92.6 | 96.1 |
| 1986 | 160    | 95.7  | 91.8 | 97.0  | 102.3 | 93.1 | 91.5 | 96.2 |
| 1987 | 290    | 96.2  | 92.6 | 97.8  | 102.9 | 93.7 | 91.7 | 96.7 |
| 1988 | 364    | 96.5  | 92.4 | 97.6  | 102.9 | 93.8 | 92.2 | 96.7 |
| 1989 | 383    | 96.7  | 92.7 | 97.6  | 103.0 | 93.5 | 92.1 | 96.7 |
| 1990 | 444    | 97.2  | 92.4 | 97.7  | 103.1 | 93.5 | 92.5 | 97.3 |
| 1991 | 351    | 97.3  | 92.0 | 97.6  | 103.3 | 92.7 | 92.6 | 97.1 |
| 1992 | 261    | 98.2  | 92.6 | 98.6  | 104.1 | 93.0 | 92.0 | 97.9 |
| 1993 | 315    | 99.6  | 93.1 | 99.6  | 105.3 | 92.9 | 91.9 | 98.8 |
| 1994 | 361    | 100.4 | 93.5 | 100.7 | 106.2 | 92.5 | 91.6 | 99.4 |
| 1995 | 200    | 100.3 | 94.1 | 101.1 | 106.4 | 92.9 | 91.7 | 99.3 |
| 1996 | 116    | 101.0 | 94.2 | 101.8 | 107.4 | 92.9 | 93.7 | 98.9 |
| 1997 | 56     | 100.7 | 94.5 | 101.5 | 107.1 | 93.2 | 93.9 | 98.2 |
| 1998 | 25     | 100.9 | 94.9 | 101.9 | 107.3 | 93.5 | 93.9 | 98.3 |
| 1999 | 27     | 101.7 | 95.0 | 101.7 | 106.9 | 92.6 | 93.7 | 98.5 |
| 2000 | 11     | 102.5 | 95.8 | 102.8 | 108.0 | 92.9 | 92.2 | 98.2 |
| 2001 | 14     | 102.4 | 95.1 | 100.9 | 106.4 | 93.0 | 92.9 | 98.9 |
| 2002 | 13     | 103.0 | 97.2 | 101.7 | 107.1 | 95.5 | 95.8 | 99.2 |
| 2003 | 10     | 104.3 | 95.3 | 104.1 | 110.0 | 91.9 | 94.7 | 98.1 |
| 2004 | 12     | 103.5 | 97.8 | 102.7 | 107.1 | 95.1 | 95.9 | 99.2 |
| 2005 | 15     | 104.9 | 96.6 | 103.9 | 109.6 | 92.9 | 95.5 | 99.1 |
| 2006 | 12     | 103.8 | 95.0 | 101.3 | 107.3 | 92.9 | 95.9 | 96.8 |

Tabel: 110 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | BA   | BZ    | KH   | BG   |
|------|--------|------|-------|------|------|
| 1981 | 14     | 92.5 | 96.7  | 92.6 | 89.4 |
| 1982 | 27     | 93.3 | 98.1  | 93.3 | 90.6 |
| 1983 | 38     | 92.9 | 98.3  | 92.1 | 90.7 |
| 1984 | 63     | 94.3 | 97.5  | 91.4 | 92.3 |
| 1985 | 83     | 93.8 | 97.5  | 91.8 | 92.0 |
| 1986 | 160    | 93.7 | 99.7  | 91.0 | 91.8 |
| 1987 | 290    | 94.6 | 99.6  | 91.0 | 92.9 |
| 1988 | 364    | 94.9 | 99.4  | 90.9 | 93.4 |
| 1989 | 383    | 95.2 | 99.5  | 91.2 | 93.6 |
| 1990 | 444    | 95.4 | 99.2  | 92.0 | 93.7 |
| 1991 | 351    | 94.7 | 100.4 | 91.6 | 92.7 |
| 1992 | 261    | 94.9 | 100.0 | 91.8 | 93.1 |
| 1993 | 315    | 94.7 | 102.2 | 91.5 | 93.1 |
| 1994 | 361    | 94.2 | 103.6 | 90.8 | 92.6 |
| 1995 | 200    | 93.9 | 103.4 | 90.6 | 92.6 |
| 1996 | 116    | 95.4 | 101.6 | 92.0 | 94.3 |
| 1997 | 56     | 94.9 | 102.1 | 91.2 | 93.9 |
| 1998 | 25     | 95.1 | 103.8 | 90.2 | 94.1 |
| 1999 | 27     | 96.4 | 101.4 | 92.9 | 95.4 |
| 2000 | 11     | 96.2 | 103.4 | 92.3 | 95.4 |
| 2001 | 14     | 95.8 | 102.4 | 92.4 | 95.1 |
| 2002 | 13     | 99.1 | 100.0 | 96.3 | 97.5 |
| 2003 | 10     | 97.2 | 102.6 | 93.2 | 97.2 |
| 2004 | 12     | 98.1 | 101.5 | 95.3 | 97.3 |
| 2005 | 15     | 97.6 | 102.5 | 93.4 | 97.9 |
| 2006 | 12     | 99.0 | 101.0 | 95.2 | 98.7 |

Tabel: 111 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | VA    | VP    | SL   | UD    | AH    | OB    | AP    |
|------|--------|-------|-------|------|-------|-------|-------|-------|
| 1981 | 14     | 98.0  | 96.2  | 98.5 | 100.2 | 100.2 | 95.9  | 94.9  |
| 1982 | 27     | 100.3 | 97.0  | 97.0 | 102.1 | 101.4 | 96.0  | 95.4  |
| 1983 | 38     | 100.3 | 96.7  | 96.6 | 101.4 | 100.9 | 96.9  | 95.6  |
| 1984 | 63     | 100.0 | 95.7  | 99.6 | 99.7  | 99.0  | 95.8  | 94.5  |
| 1985 | 83     | 100.6 | 96.2  | 99.3 | 100.4 | 100.4 | 97.2  | 95.6  |
| 1986 | 160    | 101.3 | 96.8  | 98.2 | 100.0 | 100.7 | 96.9  | 95.6  |
| 1987 | 290    | 101.3 | 97.2  | 99.4 | 100.2 | 101.3 | 97.1  | 96.0  |
| 1988 | 364    | 101.2 | 97.1  | 99.7 | 100.5 | 101.2 | 97.1  | 95.9  |
| 1989 | 383    | 100.8 | 97.3  | 99.6 | 100.4 | 101.1 | 96.9  | 95.9  |
| 1990 | 444    | 100.9 | 97.4  | 98.7 | 100.9 | 100.6 | 96.2  | 95.2  |
| 1991 | 351    | 101.1 | 97.1  | 98.5 | 100.6 | 101.0 | 96.1  | 95.0  |
| 1992 | 261    | 101.8 | 97.6  | 98.0 | 101.2 | 101.5 | 96.6  | 95.7  |
| 1993 | 315    | 102.5 | 98.5  | 97.7 | 101.4 | 101.0 | 97.3  | 96.7  |
| 1994 | 361    | 103.0 | 99.2  | 96.9 | 101.2 | 100.5 | 97.8  | 97.2  |
| 1995 | 200    | 102.9 | 99.6  | 97.6 | 100.9 | 101.0 | 98.3  | 97.8  |
| 1996 | 116    | 102.0 | 101.3 | 97.4 | 99.4  | 101.6 | 98.4  | 98.8  |
| 1997 | 56     | 102.5 | 100.4 | 97.7 | 100.7 | 102.8 | 98.9  | 98.6  |
| 1998 | 25     | 102.3 | 101.2 | 97.8 | 99.8  | 103.6 | 99.9  | 99.6  |
| 1999 | 27     | 102.6 | 100.0 | 98.5 | 101.3 | 104.3 | 99.4  | 98.7  |
| 2000 | 11     | 103.8 | 101.8 | 99.5 | 101.5 | 105.0 | 100.9 | 100.6 |
| 2001 | 14     | 102.0 | 100.1 | 98.6 | 101.9 | 104.3 | 100.5 | 99.3  |
| 2002 | 13     | 103.2 | 99.8  | 99.2 | 103.0 | 104.8 | 100.3 | 99.2  |
| 2003 | 10     | 105.2 | 102.8 | 95.9 | 103.2 | 107.0 | 102.3 | 102.1 |
| 2004 | 12     | 103.8 | 103.2 | 96.8 | 103.8 | 105.0 | 101.7 | 101.8 |
| 2005 | 15     | 104.0 | 103.9 | 96.7 | 102.9 | 106.7 | 102.6 | 102.5 |
| 2006 | 12     | 103.9 | 103.1 | 99.2 | 102.6 | 108.6 | 101.8 | 101.7 |

Tabel: 112 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | F    | T     | U     | B    | Bs   | Ext  |
|------|--------|------|-------|-------|------|------|------|
| 1981 | 14     | 88.7 | 93.9  | 99.2  | 87.8 | 93.6 | 88.9 |
| 1982 | 27     | 90.4 | 96.1  | 101.1 | 89.4 | 92.9 | 91.6 |
| 1983 | 38     | 90.6 | 95.2  | 100.8 | 89.3 | 92.9 | 91.2 |
| 1984 | 63     | 91.0 | 95.8  | 99.4  | 90.3 | 95.4 | 91.3 |
| 1985 | 83     | 90.3 | 95.2  | 100.5 | 89.9 | 94.0 | 91.2 |
| 1986 | 160    | 89.8 | 95.1  | 100.7 | 90.0 | 92.7 | 91.3 |
| 1987 | 290    | 90.7 | 96.3  | 101.0 | 91.1 | 93.3 | 92.5 |
| 1988 | 364    | 90.8 | 96.3  | 101.0 | 91.7 | 93.6 | 92.8 |
| 1989 | 383    | 90.9 | 96.2  | 100.7 | 91.9 | 93.3 | 92.8 |
| 1990 | 444    | 91.3 | 96.4  | 100.8 | 92.1 | 93.7 | 93.1 |
| 1991 | 351    | 91.1 | 95.7  | 100.9 | 91.2 | 92.5 | 92.5 |
| 1992 | 261    | 91.7 | 96.9  | 101.5 | 91.6 | 92.7 | 93.4 |
| 1993 | 315    | 92.6 | 97.9  | 101.6 | 91.5 | 92.3 | 93.8 |
| 1994 | 361    | 93.2 | 98.5  | 101.7 | 90.9 | 92.1 | 93.8 |
| 1995 | 200    | 93.5 | 99.0  | 101.8 | 90.9 | 92.6 | 94.0 |
| 1996 | 116    | 94.8 | 99.6  | 101.0 | 92.7 | 93.4 | 95.0 |
| 1997 | 56     | 94.4 | 99.5  | 102.2 | 92.3 | 93.8 | 95.3 |
| 1998 | 25     | 94.7 | 100.1 | 102.1 | 92.5 | 93.7 | 95.6 |
| 1999 | 27     | 94.8 | 99.1  | 103.1 | 94.1 | 94.3 | 96.8 |
| 2000 | 11     | 94.3 | 100.2 | 103.9 | 93.9 | 94.0 | 97.2 |
| 2001 | 14     | 94.3 | 99.2  | 103.3 | 93.7 | 94.4 | 96.6 |

|      |    |      |       |       |      |      |       |
|------|----|------|-------|-------|------|------|-------|
| 2002 | 13 | 96.8 | 101.5 | 104.3 | 96.8 | 97.1 | 99.8  |
| 2003 | 10 | 95.9 | 100.5 | 105.7 | 95.8 | 94.1 | 99.7  |
| 2004 | 12 | 97.2 | 101.2 | 104.8 | 96.1 | 96.8 | 99.8  |
| 2005 | 15 | 97.1 | 101.4 | 105.3 | 96.3 | 95.1 | 100.2 |
| 2006 | 12 | 94.9 | 99.4  | 105.8 | 97.6 | 94.3 | 100.3 |

Tabel: 113 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidsskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI   | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 43     | 103.2 | 104.7 | 106.4 | 105.2 | 103.1 | 103.3 | 92.1  | 106.0 |
| 1981 | 69     | 103.5 | 102.4 | 105.0 | 103.0 | 102.7 | 103.5 | 93.1  | 104.3 |
| 1982 | 86     | 103.1 | 102.4 | 104.1 | 102.4 | 102.7 | 103.3 | 94.3  | 103.6 |
| 1983 | 127    | 103.2 | 103.0 | 104.7 | 103.3 | 102.8 | 103.5 | 93.7  | 104.3 |
| 1984 | 201    | 103.1 | 103.4 | 105.0 | 103.8 | 102.8 | 102.9 | 93.6  | 104.6 |
| 1985 | 258    | 102.9 | 103.3 | 104.8 | 103.7 | 103.0 | 103.6 | 94.0  | 104.5 |
| 1986 | 430    | 102.9 | 102.8 | 104.5 | 103.3 | 102.9 | 103.6 | 94.9  | 104.1 |
| 1987 | 700    | 103.5 | 102.3 | 104.3 | 102.9 | 103.0 | 104.2 | 95.4  | 103.9 |
| 1988 | 728    | 103.4 | 102.4 | 104.2 | 102.9 | 103.1 | 104.2 | 95.3  | 103.8 |
| 1989 | 682    | 102.9 | 102.1 | 103.7 | 102.4 | 102.5 | 103.8 | 95.1  | 103.2 |
| 1990 | 760    | 103.0 | 102.6 | 104.1 | 103.0 | 103.0 | 104.3 | 95.6  | 103.8 |
| 1991 | 627    | 102.9 | 102.0 | 103.6 | 102.5 | 102.7 | 104.3 | 96.3  | 103.3 |
| 1992 | 489    | 102.4 | 101.8 | 103.1 | 102.0 | 102.3 | 104.2 | 97.2  | 102.7 |
| 1993 | 604    | 102.2 | 101.5 | 102.4 | 101.3 | 102.1 | 104.4 | 97.6  | 102.0 |
| 1994 | 723    | 102.0 | 100.9 | 101.7 | 100.8 | 102.0 | 104.6 | 98.0  | 101.4 |
| 1995 | 435    | 101.6 | 100.6 | 101.3 | 100.3 | 101.6 | 104.3 | 98.4  | 100.9 |
| 1996 | 271    | 101.8 | 100.0 | 101.0 | 99.7  | 101.6 | 104.2 | 99.1  | 100.4 |
| 1997 | 131    | 101.3 | 99.6  | 100.5 | 99.3  | 101.1 | 104.2 | 99.2  | 99.9  |
| 1998 | 53     | 100.6 | 99.8  | 100.4 | 99.2  | 100.8 | 104.0 | 99.6  | 99.8  |
| 1999 | 59     | 101.1 | 99.1  | 100.1 | 98.9  | 100.8 | 103.8 | 99.9  | 99.4  |
| 2000 | 32     | 100.7 | 99.5  | 99.8  | 99.2  | 100.6 | 103.3 | 100.2 | 99.5  |
| 2001 | 27     | 100.6 | 99.0  | 99.8  | 98.7  | 100.4 | 103.0 | 99.9  | 99.2  |
| 2002 | 28     | 100.5 | 98.2  | 99.1  | 98.0  | 100.5 | 102.9 | 101.1 | 98.4  |
| 2003 | 33     | 98.2  | 99.3  | 98.2  | 98.0  | 99.2  | 102.4 | 102.6 | 98.0  |
| 2004 | 27     | 98.1  | 100.1 | 98.2  | 98.0  | 99.0  | 101.7 | 103.0 | 98.0  |
| 2005 | 31     | 99.2  | 97.5  | 97.5  | 96.5  | 99.3  | 102.4 | 102.9 | 96.8  |
| 2006 | 19     | 98.8  | 97.7  | 97.1  | 96.4  | 99.3  | 101.7 | 102.6 | 96.6  |
| 2007 | 24     | 96.2  | 98.4  | 95.8  | 95.8  | 97.4  | 102.0 | 105.2 | 95.5  |
| 2008 | 34     | 98.6  | 99.1  | 97.6  | 97.5  | 99.1  | 102.4 | 103.5 | 97.4  |
| 2009 | 32     | 97.9  | 98.6  | 97.0  | 96.8  | 98.9  | 102.4 | 105.0 | 96.7  |
| 2010 | 14     | 99.3  | 98.4  | 98.0  | 97.4  | 99.7  | 102.9 | 104.4 | 97.6  |
| 2011 | 10     | 99.2  | 98.5  | 97.5  | 97.2  | 99.2  | 101.6 | 103.4 | 97.1  |
| 2013 | 18     | 99.6  | 95.8  | 95.9  | 95.0  | 98.4  | 101.2 | 103.0 | 95.3  |
| 2014 | 24     | 99.3  | 97.0  | 96.8  | 96.2  | 99.0  | 100.8 | 104.3 | 96.1  |
| 2015 | 19     | 100.9 | 97.4  | 97.7  | 97.5  | 100.5 | 103.2 | 105.3 | 97.4  |

Tabel: 114 MRIJ - Holstein Friesian roodbont: Gebruiksskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | MS   | Kar  | SCC  | SKM   | KM    |
|------|--------|------|------|------|-------|-------|
| 1981 | 15     | 98.5 | 86.1 | 99.6 | 103.6 | 104.4 |
| 1982 | 27     | 98.7 | 99.8 | 99.9 | 103.6 | 103.8 |
| 1983 | 38     | 98.3 | 96.0 | 98.7 | 102.4 | 103.1 |
| 1984 | 62     | 96.9 | 93.0 | 98.6 | 102.4 | 103.5 |
| 1985 | 81     | 97.5 | 89.3 | 98.5 | 102.3 | 103.2 |
| 1986 | 158    | 97.0 | 94.9 | 98.0 | 101.2 | 102.5 |

|      |     |       |       |       |       |       |
|------|-----|-------|-------|-------|-------|-------|
| 1987 | 301 | 97.5  | 97.2  | 97.9  | 101.2 | 102.0 |
| 1988 | 350 | 97.4  | 95.9  | 98.0  | 101.2 | 102.1 |
| 1989 | 354 | 96.6  | 96.6  | 98.0  | 101.0 | 102.1 |
| 1990 | 411 | 97.2  | 96.2  | 97.7  | 100.3 | 101.4 |
| 1991 | 320 | 97.6  | 97.4  | 97.9  | 100.8 | 101.5 |
| 1992 | 259 | 97.9  | 97.7  | 98.2  | 100.9 | 101.7 |
| 1993 | 301 | 99.5  | 97.8  | 98.3  | 100.9 | 101.1 |
| 1994 | 357 | 100.9 | 98.3  | 98.5  | 101.1 | 100.6 |
| 1995 | 202 | 100.0 | 98.8  | 98.5  | 100.8 | 100.6 |
| 1996 | 120 | 100.2 | 98.8  | 97.4  | 99.5  | 100.2 |
| 1997 | 54  | 99.2  | 99.6  | 97.9  | 99.8  | 100.3 |
| 1998 | 25  | 98.8  | 98.8  | 98.2  | 100.2 | 100.6 |
| 1999 | 27  | 97.8  | 97.7  | 98.0  | 99.6  | 99.8  |
| 2000 | 12  | 98.3  | 98.2  | 99.5  | 100.9 | 101.2 |
| 2001 | 14  | 97.9  | 98.1  | 97.6  | 99.5  | 99.3  |
| 2002 | 13  | 99.1  | 100.3 | 98.6  | 99.9  | 99.9  |
| 2004 | 12  | 99.4  | 98.7  | 98.4  | 99.3  | 99.8  |
| 2005 | 16  | 98.9  | 99.5  | 99.2  | 99.6  | 100.0 |
| 2006 | 12  | 98.9  | 100.2 | 100.4 | 100.9 | 101.1 |

Tabel: 115 MRIJ - Holstein Friesian roodbont: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B     | Gin  |
|------|--------|--------|--------|--------|-------|-------|-------|-------|------|
| 1980 | 13     | -119.5 | -309.7 | -82.6  | 105.4 | 106.0 | 96.3  | 87.8  | 98.4 |
| 1981 | 25     | -111.5 | -274.9 | -54.8  | 104.5 | 104.3 | 99.2  | 87.8  | 97.8 |
| 1982 | 41     | -98.2  | -270.1 | 22.6   | 104.3 | 103.6 | 101.1 | 89.4  | 97.7 |
| 1983 | 79     | -123.5 | -296.3 | -70.3  | 103.2 | 104.3 | 100.8 | 89.3  | 97.9 |
| 1984 | 131    | -117.4 | -319.7 | -93.5  | 103.4 | 104.6 | 99.4  | 90.3  | 98.6 |
| 1985 | 178    | -114.2 | -297.8 | -92.8  | 103.2 | 104.5 | 100.5 | 89.9  | 98.6 |
| 1986 | 348    | -113.0 | -278.8 | -90.9  | 102.2 | 104.1 | 100.7 | 90.0  | 98.5 |
| 1987 | 623    | -111.2 | -275.1 | -114.9 | 101.9 | 103.9 | 101.0 | 91.1  | 98.3 |
| 1988 | 713    | -101.8 | -269.0 | -104.5 | 101.9 | 103.8 | 101.0 | 91.7  | 98.4 |
| 1989 | 674    | -106.2 | -262.0 | -105.2 | 101.9 | 103.2 | 100.7 | 91.9  | 98.1 |
| 1990 | 748    | -104.0 | -264.0 | -84.4  | 101.1 | 103.8 | 100.8 | 92.1  | 98.4 |
| 1991 | 624    | -101.7 | -227.9 | -73.2  | 101.3 | 103.3 | 100.9 | 91.2  | 98.3 |
| 1992 | 487    | -92.5  | -210.3 | -52.3  | 101.6 | 102.7 | 101.5 | 91.6  | 98.4 |
| 1993 | 598    | -73.5  | -160.5 | -47.6  | 101.1 | 102.0 | 101.6 | 91.5  | 98.5 |
| 1994 | 718    | -62.3  | -117.3 | -19.3  | 100.9 | 101.4 | 101.7 | 90.9  | 98.7 |
| 1995 | 431    | -57.9  | -92.7  | -17.7  | 100.8 | 100.9 | 101.8 | 90.9  | 98.6 |
| 1996 | 269    | -59.8  | -86.1  | -14.9  | 99.9  | 100.4 | 101.0 | 92.7  | 99.0 |
| 1997 | 125    | -50.2  | -56.4  | -23.7  | 100.1 | 99.9  | 102.2 | 92.3  | 98.7 |
| 1998 | 52     | -45.2  | -34.9  | -48.1  | 100.4 | 99.8  | 102.1 | 92.5  | 98.7 |
| 1999 | 57     | -33.8  | -19.7  | -17.9  | 99.7  | 99.4  | 103.1 | 94.1  | 99.0 |
| 2000 | 31     | -27.4  | -22.6  | -36.3  | 101.2 | 99.5  | 103.9 | 93.9  | 99.2 |
| 2001 | 26     | 1.0    | 85.7   | 46.8   | 99.3  | 99.2  | 103.3 | 93.7  | 98.5 |
| 2002 | 28     | 0.4    | 47.5   | 84.1   | 99.8  | 98.4  | 104.3 | 96.8  | 98.8 |
| 2003 | 31     | 30.3   | 74.8   | 133.1  | 99.7  | 98.0  | 105.7 | 95.8  | 98.1 |
| 2004 | 26     | 21.5   | 71.8   | 69.3   | 99.4  | 98.0  | 104.8 | 96.1  | 97.3 |
| 2005 | 27     | 50.1   | 187.6  | 157.3  | 99.8  | 96.8  | 105.3 | 96.3  | 97.3 |
| 2006 | 17     | 72.1   | 169.4  | 232.5  | 101.1 | 96.6  | 105.8 | 97.6  | 98.5 |
| 2007 | 23     | 70.3   | 173.6  | 224.0  | 100.2 | 95.5  | 105.0 | 94.0  | 95.4 |
| 2008 | 23     | 24.5   | 111.7  | 56.8   | 98.6  | 97.4  | 106.8 | 99.0  | 97.6 |
| 2009 | 13     | 50.7   | 156.9  | 161.6  | 99.3  | 96.7  | 107.0 | 98.9  | 97.2 |
| 2010 | 10     | 55.7   | 118.7  | 252.1  | 100.2 | 97.6  | 111.0 | 99.5  | 98.9 |
| 2011 | 10     | 96.2   | 208.5  | 182.5  | 100.9 | 97.1  | 106.0 | 100.5 | 98.5 |
| 2013 | 11     | 69.1   | 202.6  | 210.8  | 99.8  | 95.3  | 106.0 | 97.3  | 98.4 |
| 2014 | 18     | 64.4   | 168.1  | 165.9  | 100.3 | 96.1  | 104.9 | 100.0 | 99.2 |
| 2015 | 11     | 62.4   | 166.5  | 139.2  | 98.6  | 97.4  | 106.4 | 101.4 | 98.1 |

Tabel: 116 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Kgh  | Bv   | Mo   | Sp   | Zz   | Ty    | Wld   |
|------|--------|------|------|------|------|------|-------|-------|
| 1991 | 10     | 92.6 | 94.4 | 95.4 | 94.0 | 95.7 | 98.1  | 100.0 |
| 1994 | 13     | 93.9 | 96.4 | 96.1 | 93.8 | 95.9 | 101.2 | 100.2 |
| 1995 | 15     | 94.7 | 96.2 | 97.5 | 94.7 | 95.7 | 101.0 | 99.5  |
| 1997 | 10     | 94.3 | 94.9 | 96.9 | 95.7 | 95.9 | 98.7  | 99.7  |

Tabel: 117 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | LVg   | LVa   | LVg1  | LVa1  | LVg2  | LVa2  |
|------|--------|-------|-------|-------|-------|-------|-------|
| 1982 | 11     | 96.3  | 98.7  | 96.3  | 98.7  | 98.1  | 97.5  |
| 1983 | 10     | 95.9  | 99.7  | 95.9  | 99.7  | 97.9  | 98.7  |
| 1985 | 12     | 98.3  | 98.8  | 98.3  | 98.8  | 99.5  | 98.6  |
| 1986 | 20     | 98.2  | 99.0  | 98.2  | 99.0  | 99.8  | 98.6  |
| 1987 | 28     | 97.0  | 99.3  | 97.0  | 99.3  | 98.4  | 98.4  |
| 1988 | 24     | 97.2  | 99.5  | 97.2  | 99.5  | 99.2  | 99.0  |
| 1989 | 21     | 97.3  | 99.4  | 97.3  | 99.4  | 99.2  | 98.6  |
| 1990 | 24     | 96.3  | 99.3  | 96.3  | 99.3  | 98.5  | 98.6  |
| 1991 | 32     | 96.8  | 99.7  | 96.8  | 99.7  | 98.8  | 98.4  |
| 1992 | 24     | 96.9  | 99.1  | 96.9  | 99.1  | 98.1  | 97.6  |
| 1993 | 29     | 97.4  | 99.6  | 97.4  | 99.6  | 99.6  | 97.9  |
| 1994 | 36     | 97.4  | 99.7  | 97.4  | 99.7  | 99.4  | 98.1  |
| 1995 | 31     | 98.2  | 99.2  | 98.2  | 99.2  | 100.4 | 97.8  |
| 1996 | 25     | 98.6  | 99.7  | 98.6  | 99.7  | 100.4 | 98.8  |
| 1997 | 22     | 98.8  | 99.1  | 98.8  | 99.1  | 100.7 | 98.6  |
| 1998 | 16     | 98.6  | 99.5  | 98.6  | 99.5  | 100.2 | 98.8  |
| 1999 | 13     | 98.7  | 99.2  | 98.7  | 99.2  | 100.7 | 98.5  |
| 2000 | 12     | 99.5  | 100.1 | 99.5  | 100.1 | 101.2 | 100.1 |
| 2001 | 13     | 99.1  | 98.5  | 99.1  | 98.5  | 101.3 | 98.5  |
| 2002 | 15     | 98.5  | 99.5  | 98.5  | 99.5  | 100.3 | 99.5  |
| 2003 | 10     | 98.9  | 98.7  | 98.9  | 98.7  | 99.4  | 98.7  |
| 2004 | 14     | 98.6  | 98.6  | 98.6  | 98.6  | 100.6 | 98.4  |
| 2005 | 17     | 98.2  | 98.4  | 98.2  | 98.4  | 100.1 | 98.4  |
| 2006 | 12     | 98.8  | 98.8  | 98.8  | 98.8  | 100.6 | 98.8  |
| 2008 | 20     | 99.5  | 98.5  | 99.5  | 98.5  | 101.2 | 98.2  |
| 2009 | 15     | 100.3 | 98.0  | 100.3 | 98.0  | 101.8 | 99.1  |

Tabel: 118 MRIJ - Holstein Friesian roodbont: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw   | Afk  | MDt  | MGw   |
|------|--------|-------|-------|-------|------|------|-------|
| 1981 | 18     | 97.6  | 104.0 | 103.3 | 93.5 | 92.5 | 99.1  |
| 1982 | 30     | 97.4  | 105.7 | 103.7 | 95.9 | 95.9 | 99.7  |
| 1983 | 45     | 97.9  | 103.9 | 103.1 | 95.2 | 94.5 | 97.4  |
| 1984 | 78     | 99.6  | 102.8 | 101.4 | 99.8 | 96.6 | 100.0 |
| 1985 | 114    | 100.2 | 101.8 | 100.5 | 96.0 | 94.0 | 96.3  |
| 1986 | 188    | 99.3  | 102.0 | 101.4 | 99.7 | 97.6 | 99.5  |
| 1987 | 304    | 98.9  | 102.8 | 102.0 | 99.2 | 98.3 | 101.1 |
| 1988 | 354    | 99.8  | 102.6 | 101.0 | 98.6 | 97.4 | 100.6 |

|      |     |       |       |       |       |       |       |
|------|-----|-------|-------|-------|-------|-------|-------|
| 1989 | 292 | 98.9  | 103.1 | 101.9 | 98.5  | 97.1  | 100.5 |
| 1990 | 363 | 99.0  | 103.3 | 101.8 | 99.2  | 98.1  | 99.9  |
| 1991 | 306 | 98.7  | 102.4 | 102.0 | 98.8  | 99.2  | 101.1 |
| 1992 | 238 | 98.2  | 103.0 | 102.5 | 99.1  | 99.0  | 100.4 |
| 1993 | 273 | 98.6  | 102.9 | 102.4 | 97.5  | 96.9  | 97.5  |
| 1994 | 279 | 98.5  | 102.3 | 102.6 | 100.2 | 99.4  | 99.6  |
| 1995 | 188 | 97.8  | 102.8 | 103.3 | 101.3 | 100.5 | 101.4 |
| 1996 | 95  | 98.5  | 102.9 | 102.6 | 100.8 | 100.1 | 101.6 |
| 1997 | 65  | 98.5  | 102.5 | 102.6 | 98.5  | 98.5  | 99.9  |
| 1998 | 22  | 98.9  | 102.0 | 101.8 | 100.5 | 100.0 | 100.8 |
| 1999 | 29  | 98.2  | 102.6 | 102.9 | 101.3 | 99.6  | 100.5 |
| 2000 | 19  | 100.3 | 99.9  | 100.6 | 91.3  | 87.4  | 89.4  |
| 2001 | 13  | 98.7  | 101.1 | 102.2 | 101.5 | 97.9  | 100.6 |
| 2002 | 17  | 99.1  | 101.1 | 101.4 | 100.9 | 98.8  | 99.8  |
| 2003 | 13  | 97.6  | 101.9 | 103.2 | 100.1 | 98.8  | 100.2 |
| 2004 | 17  | 98.0  | 102.8 | 102.8 | 100.0 | 100.9 | 100.4 |
| 2005 | 19  | 98.6  | 103.1 | 102.1 | 99.4  | 101.9 | 101.6 |
| 2007 | 10  | 99.3  | 102.7 | 101.4 | 97.3  | 102.6 | 101.9 |
| 2008 | 18  | 99.5  | 102.1 | 101.5 | 98.8  | 101.6 | 103.3 |
| 2013 | 10  | 97.8  | 102.0 | 102.9 | 97.4  | 101.0 | 103.9 |
| 2014 | 11  | 98.2  | 101.9 | 102.7 | 99.9  | 99.9  | 99.2  |

Tabel: 119 MRIJ - Holstein Friesian roodbont: Vleeskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1982 | 17     | 103.6 | 99.8  | 98.2  | 101.2 | 101.3 | 99.6  | 104.1 | 100.1 | 102.1 | 99.0  | 101.8 |
| 1983 | 24     | 100.1 | 96.9  | 98.3  | 100.3 | 97.5  | 100.2 | 102.1 | 97.0  | 98.4  | 98.0  | 99.5  |
| 1984 | 31     | 104.2 | 102.2 | 96.5  | 101.9 | 100.4 | 98.6  | 104.9 | 100.6 | 102.7 | 97.7  | 101.1 |
| 1985 | 41     | 103.4 | 100.4 | 96.2  | 100.9 | 100.7 | 97.5  | 104.1 | 99.7  | 102.3 | 96.8  | 102.7 |
| 1986 | 82     | 102.6 | 99.0  | 97.4  | 100.0 | 99.6  | 97.7  | 103.1 | 100.8 | 101.8 | 97.6  | 99.3  |
| 1987 | 131    | 103.5 | 99.2  | 96.8  | 100.4 | 100.1 | 98.0  | 104.1 | 100.4 | 102.4 | 97.4  | 101.7 |
| 1988 | 120    | 103.9 | 99.7  | 97.0  | 100.7 | 100.8 | 97.5  | 104.5 | 100.0 | 103.0 | 97.7  | 101.6 |
| 1989 | 120    | 102.8 | 98.3  | 97.9  | 100.1 | 100.0 | 97.8  | 103.4 | 99.7  | 102.0 | 97.8  | 101.0 |
| 1990 | 124    | 102.9 | 99.6  | 97.0  | 101.1 | 99.5  | 98.2  | 103.5 | 99.9  | 102.7 | 98.3  | 101.3 |
| 1991 | 128    | 101.8 | 98.2  | 97.6  | 99.9  | 98.5  | 98.5  | 102.5 | 99.4  | 102.5 | 98.2  | 100.4 |
| 1992 | 106    | 101.4 | 97.0  | 97.9  | 99.5  | 97.6  | 98.2  | 102.1 | 100.1 | 101.3 | 97.5  | 100.5 |
| 1993 | 138    | 102.8 | 96.1  | 98.9  | 99.9  | 98.6  | 97.6  | 103.7 | 100.3 | 100.4 | 98.4  | 101.0 |
| 1994 | 180    | 102.3 | 94.7  | 99.8  | 99.9  | 97.1  | 97.6  | 103.6 | 100.3 | 98.9  | 98.6  | 101.6 |
| 1995 | 125    | 102.2 | 94.0  | 100.1 | 99.3  | 96.4  | 97.7  | 103.4 | 101.1 | 98.6  | 98.2  | 101.9 |
| 1996 | 74     | 101.6 | 94.9  | 100.1 | 99.7  | 96.2  | 99.2  | 102.4 | 101.2 | 98.4  | 98.9  | 101.6 |
| 1997 | 61     | 101.7 | 94.9  | 100.1 | 99.4  | 96.3  | 98.8  | 102.2 | 101.5 | 99.5  | 98.7  | 101.4 |
| 1998 | 27     | 100.1 | 94.3  | 100.4 | 99.1  | 95.0  | 98.8  | 101.5 | 100.1 | 97.3  | 98.5  | 99.4  |
| 1999 | 31     | 101.0 | 93.9  | 100.8 | 98.8  | 96.0  | 99.3  | 101.8 | 101.2 | 98.5  | 99.1  | 99.5  |
| 2000 | 21     | 101.1 | 95.0  | 100.0 | 100.9 | 96.0  | 98.9  | 102.0 | 101.1 | 98.8  | 99.2  | 100.9 |
| 2001 | 17     | 98.3  | 93.2  | 101.2 | 97.7  | 94.5  | 100.1 | 99.1  | 100.4 | 97.4  | 99.4  | 99.2  |
| 2002 | 25     | 98.4  | 92.9  | 102.0 | 98.2  | 94.4  | 100.0 | 99.8  | 99.4  | 97.2  | 98.6  | 98.8  |
| 2003 | 25     | 98.6  | 91.4  | 102.2 | 98.1  | 92.2  | 100.4 | 99.4  | 101.6 | 96.2  | 99.1  | 99.1  |
| 2004 | 22     | 98.8  | 93.2  | 99.9  | 99.3  | 93.2  | 99.3  | 99.5  | 101.4 | 96.9  | 97.6  | 99.7  |
| 2005 | 25     | 98.2  | 90.8  | 101.8 | 98.6  | 91.7  | 100.0 | 99.0  | 101.2 | 96.2  | 99.0  | 100.6 |
| 2006 | 16     | 98.9  | 90.5  | 102.4 | 97.8  | 93.4  | 99.5  | 100.1 | 101.1 | 94.8  | 99.8  | 97.1  |
| 2007 | 21     | 96.5  | 90.2  | 102.2 | 97.3  | 87.7  | 100.5 | 96.8  | 102.5 | 99.6  | 100.0 | 99.2  |
| 2008 | 18     | 97.7  | 91.4  | 102.2 | 98.1  | 91.0  | 101.1 | 97.9  | 101.8 | 98.9  | 100.0 | 99.3  |
| 2009 | 15     | 96.6  | 90.5  | 102.4 | 97.7  | 89.0  | 101.0 | 97.1  | 101.4 | 100.1 | 102.1 | 97.0  |

Tabel: 120 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit  
Basis: Dubbeldoel  
Land: VL



| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1982 | 10     | 100.3 | 98.7  | 101.1 |
| 1983 | 10     | 100.4 | 98.9  | 101.2 |
| 1986 | 17     | 99.6  | 97.4  | 101.6 |
| 1987 | 20     | 99.3  | 97.5  | 101.5 |
| 1988 | 15     | 100.0 | 97.5  | 101.3 |
| 1989 | 13     | 98.2  | 96.9  | 100.8 |
| 1990 | 17     | 98.5  | 97.3  | 101.1 |
| 1991 | 24     | 98.9  | 97.3  | 101.1 |
| 1992 | 18     | 98.3  | 97.0  | 100.7 |
| 1993 | 26     | 99.5  | 97.9  | 101.2 |
| 1994 | 25     | 99.2  | 97.8  | 101.2 |
| 1995 | 27     | 101.2 | 98.9  | 101.4 |
| 1996 | 23     | 100.6 | 98.7  | 101.1 |
| 1997 | 23     | 101.0 | 99.0  | 101.0 |
| 1998 | 16     | 100.8 | 98.7  | 101.2 |
| 1999 | 12     | 100.3 | 98.7  | 101.5 |
| 2000 | 12     | 99.8  | 98.5  | 101.6 |
| 2001 | 14     | 101.1 | 99.1  | 101.1 |
| 2002 | 15     | 100.5 | 98.7  | 100.5 |
| 2003 | 10     | 102.6 | 99.9  | 100.9 |
| 2004 | 14     | 101.0 | 98.9  | 100.3 |
| 2005 | 18     | 102.7 | 99.9  | 100.7 |
| 2006 | 12     | 102.5 | 99.8  | 100.8 |
| 2007 | 10     | 103.1 | 100.9 | 101.6 |
| 2008 | 23     | 101.3 | 98.8  | 100.3 |
| 2009 | 18     | 101.7 | 99.1  | 101.6 |

Tabel: 121 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | LPin   | LPkgM  | LPkgV | LPkgE |
|------|--------|--------|--------|-------|-------|
| 2001 | 26     | 220.6  | 1872.8 | 33.5  | 30.6  |
| 2002 | 28     | 326.6  | 2792.0 | 52.3  | 43.7  |
| 2003 | 30     | 752.1  | 4121.5 | 137.3 | 99.4  |
| 2004 | 26     | 329.1  | 2245.3 | 68.4  | 37.5  |
| 2005 | 28     | 1390.6 | 6567.6 | 258.3 | 185.0 |
| 2006 | 16     | 1813.9 | 9038.6 | 300.4 | 258.3 |
| 2007 | 23     | 1790.3 | 7738.2 | 330.5 | 241.5 |
| 2008 | 23     | 437.8  | 2283.4 | 85.6  | 55.5  |
| 2009 | 13     | 1295.3 | 5718.1 | 240.8 | 173.6 |
| 2010 | 11     | 1809.2 | 8627.5 | 322.0 | 247.8 |
| 2011 | 10     | 1665.3 | 7241.4 | 291.6 | 232.7 |
| 2013 | 12     | 1735.7 | 8202.0 | 274.6 | 255.7 |
| 2014 | 21     | 1332.0 | 6636.9 | 228.0 | 186.0 |
| 2015 | 14     | 1149.2 | 6087.4 | 193.6 | 161.0 |

Tabel: 122 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Eff  | Int   | Gewen |
|------|--------|------|-------|-------|
| 1982 | 10     | 98.3 | 102.9 | 100.9 |
| 1986 | 11     | 98.4 | 104.2 | 99.8  |
| 1987 | 18     | 98.7 | 103.4 | 99.4  |

|      |    |       |       |      |
|------|----|-------|-------|------|
| 1988 | 15 | 98.7  | 104.9 | 99.5 |
| 1989 | 14 | 99.1  | 102.9 | 99.5 |
| 1991 | 15 | 98.9  | 104.3 | 99.8 |
| 1993 | 17 | 100.0 | 104.2 | 99.2 |
| 1994 | 24 | 99.9  | 104.3 | 99.3 |
| 1995 | 15 | 100.6 | 102.9 | 99.6 |
| 1996 | 10 | 100.4 | 103.8 | 99.7 |

Tabel: 123 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Pers  | RTM   | Aantal | DSopn | Aantal | Gew  |
|------|--------|-------|-------|--------|-------|--------|------|
| 1980 | 13     | 100.0 | 98.7  | 0      | 0.0   | 0      | 0.0  |
| 1981 | 25     | 98.7  | 98.6  | 1      | -1.8  | 0      | 0.0  |
| 1982 | 41     | 98.3  | 100.2 | 2      | -2.0  | 0      | 0.0  |
| 1983 | 79     | 97.9  | 98.9  | 0      | 0.0   | 0      | 0.0  |
| 1984 | 131    | 97.6  | 98.0  | 0      | 0.0   | 0      | 0.0  |
| 1985 | 178    | 97.1  | 98.2  | 178    | -3.4  | 0      | 0.0  |
| 1986 | 348    | 96.4  | 97.8  | 349    | -3.3  | 0      | 0.0  |
| 1987 | 623    | 96.3  | 97.8  | 623    | -3.1  | 0      | 0.0  |
| 1988 | 713    | 96.3  | 97.5  | 713    | -3.0  | 0      | 0.0  |
| 1989 | 674    | 96.5  | 98.1  | 675    | -3.0  | 0      | 0.0  |
| 1990 | 748    | 96.0  | 97.8  | 748    | -3.0  | 0      | 0.0  |
| 1991 | 624    | 96.1  | 98.0  | 624    | -2.8  | 0      | 0.0  |
| 1992 | 487    | 96.2  | 97.8  | 486    | -2.5  | 0      | 0.0  |
| 1993 | 598    | 97.3  | 98.4  | 598    | -2.0  | 0      | 0.0  |
| 1994 | 718    | 97.6  | 98.7  | 718    | -1.6  | 0      | 0.0  |
| 1995 | 431    | 97.7  | 98.9  | 431    | -1.3  | 0      | 0.0  |
| 1996 | 269    | 96.2  | 98.1  | 269    | -1.2  | 0      | 0.0  |
| 1997 | 125    | 96.8  | 98.4  | 125    | -1.0  | 0      | 0.0  |
| 1998 | 52     | 97.2  | 98.4  | 52     | -0.8  | 0      | 0.0  |
| 1999 | 57     | 97.9  | 98.1  | 57     | -0.7  | 0      | 0.0  |
| 2000 | 31     | 96.6  | 98.8  | 31     | -0.6  | 0      | 0.0  |
| 2001 | 26     | 99.5  | 98.6  | 26     | -0.0  | 14     | 94.9 |
| 2002 | 28     | 99.4  | 99.5  | 28     | -0.1  | 13     | 97.6 |
| 2003 | 31     | 98.6  | 98.9  | 31     | -0.0  | 10     | 95.8 |
| 2004 | 26     | 97.5  | 98.7  | 26     | 0.5   | 12     | 97.9 |
| 2005 | 27     | 99.2  | 99.7  | 28     | 1.2   | 15     | 97.2 |
| 2006 | 17     | 101.0 | 99.8  | 17     | 0.8   | 12     | 95.1 |
| 2007 | 23     | 100.9 | 102.0 | 22     | 1.1   | 1      | 94.0 |
| 2008 | 23     | 99.2  | 100.0 | 23     | 0.5   | 4      | 97.8 |
| 2009 | 13     | 99.7  | 98.9  | 13     | 1.0   | 7      | 96.3 |
| 2010 | 10     | 99.9  | 99.3  | 11     | 0.8   | 2      | 97.5 |
| 2011 | 10     | 99.2  | 99.1  | 10     | 1.2   | 2      | 99.0 |
| 2013 | 11     | 100.6 | 100.1 | 12     | 1.1   | 7      | 95.9 |
| 2014 | 18     | 99.3  | 98.3  | 21     | 1.3   | 7      | 96.9 |
| 2015 | 11     | 100.5 | 99.5  | 13     | 1.3   | 5      | 98.0 |

Tabel: 124 Jersey: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL    | %V    | %E   | %L   | INET   |
|------|--------|---------|-------|-------|--------|-------|------|------|--------|
| 1985 | 11     | -3062.7 | -50.1 | -83.6 | -139.6 | 178.6 | 54.1 | -0.4 | -490.0 |
| 1986 | 10     | -2599.7 | -46.8 | -73.2 | -118.6 | 136.1 | 39.6 | -0.4 | -434.0 |
| 1987 | 23     | -2993.7 | -52.2 | -83.4 | -136.6 | 168.2 | 51.0 | -0.5 | -492.6 |
| 1988 | 20     | -2853.4 | -46.2 | -79.8 | -130.2 | 158.8 | 44.7 | -0.7 | -463.5 |

|      |    |         |       |       |        |       |      |      |        |
|------|----|---------|-------|-------|--------|-------|------|------|--------|
| 1989 | 25 | -3167.6 | -62.0 | -89.4 | -144.5 | 172.3 | 53.5 | -0.6 | -540.1 |
| 1990 | 27 | -2830.2 | -47.3 | -80.1 | -129.1 | 157.4 | 43.2 | -0.6 | -466.7 |
| 1991 | 27 | -2888.3 | -45.4 | -80.0 | -131.8 | 169.7 | 48.6 | -0.5 | -463.0 |
| 1992 | 28 | -2747.5 | -43.5 | -76.4 | -125.4 | 154.3 | 43.5 | -0.5 | -442.3 |
| 1993 | 23 | -2351.6 | -41.9 | -64.6 | -107.2 | 116.6 | 36.3 | -0.2 | -384.8 |
| 1994 | 18 | -2223.6 | -27.3 | -55.3 | -101.4 | 132.2 | 44.1 | -0.4 | -314.6 |
| 1995 | 17 | -2444.3 | -30.4 | -62.0 | -111.6 | 144.2 | 46.6 | -0.5 | -351.6 |
| 1996 | 19 | -2674.4 | -36.1 | -70.8 | -122.1 | 157.5 | 47.4 | -0.6 | -402.5 |
| 1997 | 24 | -2505.3 | -34.8 | -64.6 | -114.3 | 140.6 | 46.2 | -0.5 | -372.5 |
| 1998 | 28 | -2326.9 | -35.5 | -64.3 | -106.2 | 122.8 | 34.8 | -0.5 | -370.1 |
| 1999 | 37 | -2060.8 | -16.1 | -49.2 | -94.1  | 127.1 | 41.3 | -0.4 | -263.8 |
| 2000 | 32 | -2145.0 | -19.9 | -53.4 | -97.9  | 128.8 | 40.2 | -0.5 | -290.2 |
| 2001 | 40 | -2358.1 | -25.5 | -58.7 | -107.0 | 140.0 | 45.7 | 0.9  | -326.4 |
| 2002 | 30 | -2236.5 | -22.6 | -56.8 | -101.7 | 132.8 | 40.5 | 0.2  | -311.1 |
| 2003 | 35 | -2169.3 | -22.1 | -53.1 | -92.4  | 129.3 | 43.1 | 10.9 | -291.9 |
| 2004 | 28 | -2046.8 | -18.0 | -47.6 | -90.5  | 123.5 | 43.4 | 4.5  | -260.4 |
| 2005 | 37 | -2111.4 | -21.1 | -50.7 | -93.1  | 123.5 | 42.5 | 5.6  | -279.9 |
| 2006 | 42 | -2255.3 | -21.7 | -55.5 | -101.3 | 135.4 | 43.8 | 2.2  | -303.5 |
| 2007 | 44 | -2175.0 | -14.1 | -50.3 | -98.0  | 141.3 | 47.4 | 1.7  | -265.5 |
| 2008 | 52 | -2064.9 | -11.6 | -47.3 | -92.8  | 134.3 | 44.7 | 2.0  | -246.0 |
| 2009 | 55 | -1939.3 | -9.6  | -44.8 | -88.6  | 126.6 | 40.9 | -0.5 | -230.7 |
| 2010 | 51 | -1864.0 | -6.6  | -40.7 | -85.2  | 124.1 | 42.5 | -0.5 | -206.5 |
| 2011 | 47 | -1829.5 | -5.5  | -40.4 | -83.5  | 122.9 | 40.9 | -0.4 | -202.4 |
| 2012 | 37 | -2042.9 | -9.0  | -44.5 | -93.1  | 137.1 | 48.3 | -0.0 | -229.5 |
| 2013 | 95 | -2042.4 | -6.1  | -43.9 | -91.3  | 142.0 | 49.4 | 2.8  | -220.5 |
| 2014 | 60 | -2006.8 | 0.1   | -40.6 | -94.2  | 147.7 | 52.0 | -4.2 | -194.2 |
| 2015 | 47 | -1766.8 | 3.8   | -32.8 | -83.5  | 131.8 | 49.0 | -4.3 | -151.4 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 125 Jersey: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | H    | VH   | IH   | OH   | CS   | KL   | KB   |
|------|--------|------|------|------|------|------|------|------|
| 1987 | 11     | 70.0 | 81.0 | 84.8 | 91.6 | 89.6 | 93.9 | 79.1 |
| 1992 | 12     | 68.7 | 80.2 | 84.3 | 91.2 | 89.8 | 94.2 | 77.0 |
| 1993 | 12     | 71.2 | 79.8 | 84.7 | 91.8 | 89.3 | 94.6 | 78.6 |
| 1994 | 10     | 69.7 | 80.3 | 83.9 | 90.7 | 89.7 | 93.3 | 78.9 |

Tabel: 126 Jersey: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | BA    | BZ    | KH   | BG    |
|------|--------|-------|-------|------|-------|
| 1987 | 11     | 107.4 | 103.8 | 88.5 | 109.1 |
| 1992 | 12     | 109.4 | 104.3 | 89.4 | 111.8 |
| 1993 | 12     | 110.2 | 103.7 | 89.3 | 112.2 |
| 1994 | 10     | 108.1 | 102.1 | 89.0 | 109.7 |

Tabel: 127 Jersey: Exterieurkenmerken uier  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | VA   | VP   | SL    | UD   | AH   | OB   | AP   |
|------|--------|------|------|-------|------|------|------|------|
| 1987 | 11     | 94.3 | 94.5 | 104.2 | 89.6 | 95.5 | 94.9 | 94.5 |

|      |    |      |      |       |      |      |      |      |
|------|----|------|------|-------|------|------|------|------|
| 1992 | 12 | 93.5 | 94.0 | 104.8 | 89.0 | 95.4 | 95.9 | 94.9 |
| 1993 | 12 | 94.5 | 95.8 | 105.5 | 88.9 | 96.8 | 96.2 | 95.8 |
| 1994 | 10 | 94.1 | 94.0 | 104.0 | 89.5 | 95.6 | 94.9 | 94.2 |

Tabel: 128 Jersey: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | F    | T    | U    | B     | Bs  | Ext  |
|------|--------|------|------|------|-------|-----|------|
| 1987 | 11     | 74.4 | 77.5 | 91.7 | 106.9 | 0.0 | 88.3 |
| 1992 | 12     | 73.0 | 76.8 | 91.2 | 109.5 | 0.0 | 88.7 |
| 1993 | 12     | 74.0 | 77.4 | 92.2 | 110.2 | 0.0 | 90.0 |
| 1994 | 10     | 73.3 | 76.9 | 91.7 | 107.7 | 0.0 | 88.3 |

Tabel: 129 Jersey: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1984 | 10     | 105.0 | 108.4 | 110.0 | 109.6 | 106.5 | 98.0  | 77.6 | 110.0 |
| 1985 | 12     | 104.1 | 108.2 | 109.2 | 109.1 | 105.5 | 98.3  | 80.6 | 109.4 |
| 1986 | 12     | 104.4 | 106.8 | 108.3 | 107.8 | 105.6 | 98.4  | 83.2 | 108.2 |
| 1987 | 26     | 103.7 | 107.0 | 107.9 | 107.6 | 105.0 | 98.6  | 83.9 | 108.2 |
| 1988 | 17     | 104.6 | 106.9 | 108.7 | 108.1 | 105.8 | 98.4  | 81.8 | 108.7 |
| 1989 | 27     | 104.1 | 107.1 | 108.2 | 107.9 | 105.2 | 98.4  | 82.6 | 108.3 |
| 1990 | 26     | 104.6 | 106.5 | 108.3 | 107.7 | 105.4 | 99.0  | 82.6 | 108.3 |
| 1991 | 27     | 104.3 | 106.6 | 107.9 | 107.6 | 105.2 | 98.1  | 80.7 | 108.0 |
| 1992 | 27     | 103.6 | 106.3 | 107.4 | 106.9 | 104.9 | 97.9  | 83.0 | 107.4 |
| 1993 | 24     | 103.0 | 105.5 | 106.5 | 106.0 | 104.3 | 97.5  | 84.7 | 106.5 |
| 1994 | 18     | 103.3 | 106.1 | 107.4 | 107.0 | 104.9 | 97.6  | 86.2 | 107.4 |
| 1995 | 17     | 103.0 | 106.1 | 107.2 | 106.8 | 104.7 | 97.8  | 86.1 | 107.3 |
| 1996 | 18     | 103.1 | 105.6 | 107.1 | 106.2 | 104.5 | 98.2  | 85.9 | 106.9 |
| 1997 | 22     | 102.5 | 105.4 | 106.6 | 105.9 | 104.0 | 97.4  | 86.1 | 106.5 |
| 1998 | 24     | 102.6 | 105.4 | 106.2 | 106.0 | 103.9 | 97.0  | 86.0 | 106.4 |
| 1999 | 35     | 103.1 | 103.2 | 105.7 | 104.1 | 103.9 | 97.0  | 87.1 | 105.1 |
| 2000 | 32     | 103.2 | 103.3 | 105.6 | 104.2 | 103.9 | 96.9  | 85.5 | 105.1 |
| 2001 | 38     | 103.2 | 104.2 | 105.9 | 105.0 | 104.2 | 97.1  | 85.7 | 105.7 |
| 2002 | 30     | 102.4 | 104.3 | 105.6 | 104.9 | 103.2 | 96.6  | 86.6 | 105.4 |
| 2003 | 35     | 102.9 | 104.8 | 106.1 | 105.5 | 104.1 | 97.7  | 87.0 | 106.0 |
| 2004 | 27     | 102.3 | 103.6 | 105.0 | 104.1 | 103.2 | 95.9  | 86.5 | 104.8 |
| 2005 | 35     | 102.9 | 104.9 | 106.3 | 105.6 | 104.2 | 96.5  | 86.1 | 106.2 |
| 2006 | 31     | 102.5 | 104.1 | 105.4 | 104.6 | 103.5 | 95.8  | 85.1 | 105.2 |
| 2007 | 52     | 102.7 | 104.0 | 105.5 | 104.6 | 103.7 | 95.8  | 84.7 | 105.3 |
| 2008 | 45     | 102.8 | 103.1 | 105.4 | 103.9 | 103.6 | 95.9  | 85.9 | 104.9 |
| 2009 | 44     | 101.8 | 103.6 | 105.2 | 104.1 | 103.0 | 95.6  | 87.0 | 104.9 |
| 2010 | 49     | 101.3 | 104.1 | 105.3 | 104.5 | 102.8 | 95.2  | 87.4 | 105.1 |
| 2011 | 37     | 102.0 | 103.8 | 105.4 | 104.4 | 103.0 | 95.4  | 86.9 | 105.1 |
| 2012 | 33     | 102.6 | 102.7 | 104.9 | 103.5 | 103.3 | 95.4  | 86.5 | 104.4 |
| 2013 | 87     | 103.0 | 102.8 | 104.8 | 103.6 | 103.7 | 95.2  | 84.8 | 104.5 |
| 2014 | 60     | 102.3 | 102.8 | 104.6 | 103.5 | 103.2 | 94.9  | 86.2 | 104.3 |
| 2015 | 53     | 102.1 | 102.7 | 104.7 | 103.3 | 103.0 | 95.1  | 87.4 | 104.4 |

Tabel: 130 Jersey: Gebruikskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | MS    | Kar   | SCC  | SKM  | KM   |
|------|--------|-------|-------|------|------|------|
| 1993 | 10     | 100.4 | 70.2  | 97.6 | 96.9 | 97.4 |
| 1994 | 10     | 99.9  | 69.7  | 97.9 | 97.4 | 98.2 |
| 1999 | 10     | 104.3 | 102.2 | 98.1 | 97.3 | 98.1 |

Tabel: 131 Jersey: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | NVI   | INET   | Lvd    | Ugh   | Vru   | U    | B     | Gin   |
|------|--------|-------|--------|--------|-------|-------|------|-------|-------|
| 1986 | 10     | -63.0 | -434.0 | -160.0 | 98.2  | 108.2 | 90.4 | 105.6 | 100.2 |
| 1987 | 23     | -85.5 | -492.6 | -131.8 | 97.8  | 108.2 | 91.7 | 106.9 | 100.0 |
| 1988 | 18     | -93.3 | -463.5 | -124.2 | 98.5  | 108.7 | 92.0 | 108.8 | 101.6 |
| 1989 | 25     | -99.0 | -540.1 | -127.2 | 98.3  | 108.3 | 90.7 | 106.4 | 100.9 |
| 1990 | 27     | -94.3 | -466.7 | -96.8  | 97.8  | 108.3 | 89.0 | 105.5 | 101.4 |
| 1991 | 27     | -63.0 | -463.0 | -101.2 | 99.6  | 108.0 | 92.1 | 107.2 | 100.1 |
| 1992 | 28     | -55.2 | -442.3 | -49.8  | 98.1  | 107.4 | 91.2 | 109.5 | 100.3 |
| 1993 | 23     | -27.2 | -384.8 | -58.3  | 96.8  | 106.5 | 92.2 | 110.2 | 99.8  |
| 1994 | 18     | -3.8  | -314.6 | -20.5  | 97.6  | 107.4 | 91.7 | 107.7 | 99.5  |
| 1995 | 17     | -3.3  | -351.6 | 52.2   | 98.2  | 107.3 | 91.5 | 111.7 | 99.9  |
| 1996 | 19     | -36.2 | -402.5 | -2.9   | 98.9  | 106.9 | 90.8 | 109.2 | 98.9  |
| 1997 | 24     | -18.1 | -372.5 | 6.1    | 99.2  | 106.5 | 91.6 | 107.2 | 100.0 |
| 1998 | 28     | -24.7 | -370.1 | -49.1  | 97.2  | 106.4 | 91.8 | 108.1 | 100.3 |
| 1999 | 37     | 2.2   | -263.8 | 27.7   | 97.5  | 105.1 | 93.2 | 108.2 | 100.4 |
| 2000 | 32     | -8.9  | -290.2 | 39.3   | 97.7  | 105.1 | 94.5 | 108.0 | 100.5 |
| 2001 | 40     | -13.5 | -326.4 | -12.6  | 97.9  | 105.7 | 93.2 | 109.6 | 101.0 |
| 2002 | 30     | -15.7 | -311.1 | -65.4  | 98.3  | 105.4 | 91.3 | 109.7 | 100.2 |
| 2003 | 35     | 3.0   | -291.9 | -31.8  | 97.5  | 106.0 | 92.0 | 113.0 | 100.7 |
| 2004 | 28     | 19.6  | -260.4 | 52.9   | 98.6  | 104.8 | 93.8 | 107.7 | 100.4 |
| 2005 | 36     | 22.4  | -279.9 | 99.6   | 97.7  | 106.2 | 0.0  | 0.0   | 99.6  |
| 2006 | 41     | 21.7  | -303.5 | 174.5  | 98.7  | 105.2 | 91.0 | 108.0 | 99.9  |
| 2007 | 44     | 35.9  | -265.5 | 180.7  | 98.9  | 105.3 | 94.5 | 104.5 | 100.5 |
| 2008 | 50     | 33.1  | -246.0 | 162.8  | 98.2  | 104.9 | 93.2 | 106.8 | 100.4 |
| 2009 | 48     | 45.3  | -230.7 | 180.9  | 98.4  | 104.9 | 0.0  | 0.0   | 99.9  |
| 2010 | 51     | 62.6  | -206.5 | 232.6  | 98.8  | 105.1 | 93.9 | 106.9 | 100.8 |
| 2011 | 46     | 69.6  | -202.4 | 247.8  | 99.2  | 105.1 | 0.0  | 0.0   | 100.8 |
| 2012 | 36     | 68.7  | -229.5 | 300.7  | 100.0 | 104.4 | 0.0  | 0.0   | 101.8 |
| 2013 | 95     | 62.1  | -220.5 | 289.9  | 99.2  | 104.5 | 0.0  | 0.0   | 101.3 |
| 2014 | 60     | 75.5  | -194.2 | 295.7  | 99.0  | 104.3 | 99.0 | 106.0 | 101.4 |
| 2015 | 47     | 86.3  | -151.4 | 280.3  | 99.2  | 104.4 | 98.5 | 105.0 | 103.0 |

Tabel: 132 Jersey: Levensvatbaarheidskennmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | LVg  | LVA   | LVg1 | LVA1  | LVg2 | LVA2  |
|------|--------|------|-------|------|-------|------|-------|
| 1987 | 10     | 96.4 | 100.9 | 96.4 | 100.9 | 89.7 | 103.3 |
| 1989 | 10     | 98.4 | 100.2 | 98.4 | 100.2 | 92.2 | 104.3 |
| 1992 | 13     | 98.1 | 99.5  | 98.1 | 99.5  | 91.5 | 104.5 |
| 1993 | 16     | 97.6 | 99.8  | 97.6 | 99.8  | 90.5 | 103.8 |
| 1994 | 15     | 97.6 | 99.2  | 97.6 | 99.2  | 91.3 | 103.1 |
| 1995 | 12     | 98.1 | 99.8  | 98.1 | 99.8  | 91.6 | 103.8 |
| 1997 | 11     | 98.6 | 100.7 | 98.6 | 100.7 | 91.3 | 104.6 |
| 1998 | 12     | 98.0 | 100.6 | 98.0 | 100.6 | 91.0 | 104.3 |
| 1999 | 21     | 97.2 | 100.6 | 97.2 | 100.6 | 90.0 | 104.6 |
| 2000 | 13     | 98.2 | 100.3 | 98.2 | 100.3 | 90.4 | 104.8 |
| 2001 | 14     | 97.9 | 101.0 | 97.9 | 101.0 | 89.7 | 104.3 |

|      |    |      |       |      |       |      |       |
|------|----|------|-------|------|-------|------|-------|
| 2002 | 13 | 98.2 | 100.3 | 98.2 | 100.3 | 92.1 | 103.6 |
| 2004 | 19 | 96.9 | 100.8 | 96.9 | 100.8 | 90.9 | 103.5 |
| 2005 | 15 | 96.9 | 99.5  | 96.9 | 99.5  | 91.6 | 103.0 |
| 2006 | 17 | 96.8 | 88.7  | 96.8 | 88.7  | 91.1 | 91.8  |
| 2007 | 25 | 97.0 | 93.2  | 97.0 | 93.2  | 90.3 | 95.9  |
| 2008 | 25 | 96.9 | 97.4  | 96.9 | 97.4  | 90.6 | 99.9  |
| 2009 | 17 | 97.4 | 95.0  | 97.4 | 95.0  | 91.8 | 98.6  |
| 2010 | 24 | 97.4 | 92.2  | 97.4 | 92.2  | 91.8 | 95.5  |
| 2011 | 18 | 97.4 | 100.3 | 97.4 | 100.3 | 91.4 | 103.8 |

Tabel: 133 Jersey: Geboortekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw  | Afk  | MDt  | MGw  |
|------|--------|-------|-------|------|------|------|------|
| 1987 | 11     | 117.3 | 107.0 | 68.5 | 61.9 | 56.7 | 52.3 |
| 1989 | 11     | 120.4 | 106.6 | 64.8 | 44.2 | 39.7 | 36.8 |
| 1990 | 13     | 121.2 | 105.6 | 64.2 | 45.8 | 39.4 | 37.1 |
| 1991 | 18     | 120.4 | 106.9 | 64.6 | 43.4 | 38.5 | 36.2 |
| 1992 | 19     | 121.1 | 106.7 | 64.3 | 51.8 | 45.3 | 42.5 |
| 1993 | 19     | 120.1 | 106.6 | 64.9 | 52.5 | 45.1 | 43.3 |
| 1994 | 14     | 119.8 | 106.2 | 65.6 | 91.8 | 79.8 | 77.6 |
| 1995 | 12     | 119.2 | 105.6 | 66.9 | 42.3 | 34.9 | 34.5 |
| 1997 | 12     | 117.4 | 105.6 | 68.8 | 49.6 | 43.4 | 40.7 |
| 1998 | 12     | 117.2 | 105.6 | 69.7 | 66.2 | 58.1 | 55.2 |
| 1999 | 23     | 117.4 | 105.0 | 70.6 | 78.3 | 68.9 | 63.2 |
| 2000 | 13     | 116.2 | 105.6 | 71.0 | 69.5 | 61.2 | 55.8 |
| 2001 | 17     | 117.6 | 105.4 | 68.2 | 52.7 | 46.2 | 42.9 |
| 2002 | 13     | 117.2 | 104.5 | 70.6 | 53.6 | 47.0 | 43.8 |
| 2003 | 14     | 116.5 | 105.6 | 70.4 | 63.8 | 55.4 | 52.6 |
| 2004 | 17     | 116.4 | 106.6 | 70.7 | 69.5 | 62.8 | 58.9 |
| 2005 | 16     | 117.7 | 104.5 | 69.8 | 73.2 | 66.4 | 62.2 |
| 2006 | 21     | 117.7 | 104.7 | 69.6 | 60.8 | 54.7 | 50.8 |
| 2007 | 31     | 117.2 | 106.4 | 69.4 | 69.7 | 62.7 | 58.6 |
| 2008 | 35     | 116.4 | 106.7 | 70.4 | 64.3 | 58.9 | 54.7 |
| 2009 | 21     | 116.1 | 107.1 | 71.2 | 70.5 | 63.6 | 58.9 |
| 2010 | 34     | 116.2 | 106.4 | 71.7 | 75.2 | 68.6 | 63.0 |
| 2011 | 28     | 116.6 | 104.6 | 71.0 | 74.6 | 66.6 | 61.4 |
| 2012 | 14     | 116.4 | 104.1 | 71.5 | 71.1 | 63.4 | 58.7 |
| 2013 | 19     | 116.5 | 106.3 | 70.3 | 77.8 | 69.2 | 64.0 |
| 2014 | 14     | 117.3 | 106.4 | 68.9 | 98.6 | 87.0 | 80.7 |
| 2015 | 14     | 116.1 | 105.9 | 70.4 | 91.3 | 80.9 | 75.1 |
| 2017 | 12     | 115.8 | 105.8 | 70.6 | 24.8 | 21.7 | 19.9 |

Tabel: 134 Jersey: Vleeskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Vlin | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1987 | 11     | 88.6 | 103.5 | 92.7  | 83.1  | 100.7 | 96.9  | 87.9  | 93.4 | 102.5 | 96.5  | 81.5  |
| 1989 | 12     | 86.0 | 102.7 | 91.9  | 83.2  | 97.3  | 97.6  | 86.7  | 90.9 | 99.2  | 97.1  | 80.1  |
| 1990 | 10     | 85.6 | 102.8 | 90.7  | 82.9  | 97.6  | 96.6  | 86.9  | 89.9 | 99.5  | 95.9  | 79.8  |
| 1991 | 11     | 84.5 | 102.9 | 91.5  | 82.5  | 97.5  | 97.2  | 85.6  | 88.7 | 99.8  | 96.3  | 78.7  |
| 1992 | 13     | 86.2 | 103.6 | 91.6  | 83.3  | 98.1  | 97.5  | 86.5  | 91.1 | 100.5 | 96.7  | 80.1  |
| 1993 | 17     | 86.3 | 102.6 | 92.2  | 83.2  | 97.5  | 98.8  | 86.9  | 91.1 | 99.7  | 97.9  | 80.5  |
| 1994 | 13     | 86.5 | 103.1 | 91.8  | 82.8  | 98.8  | 98.2  | 87.2  | 89.8 | 100.8 | 97.8  | 80.5  |
| 1995 | 11     | 84.8 | 103.1 | 90.2  | 82.9  | 96.8  | 97.5  | 86.0  | 89.3 | 99.7  | 96.2  | 79.5  |
| 1997 | 10     | 86.6 | 103.8 | 91.1  | 83.6  | 99.2  | 96.5  | 87.6  | 90.0 | 101.1 | 95.9  | 80.9  |

|      |    |      |       |      |      |      |      |      |      |       |      |      |
|------|----|------|-------|------|------|------|------|------|------|-------|------|------|
| 1998 | 13 | 86.1 | 102.7 | 91.5 | 83.4 | 97.4 | 97.4 | 86.8 | 90.8 | 99.6  | 96.6 | 80.3 |
| 1999 | 14 | 87.5 | 103.1 | 92.5 | 82.9 | 98.9 | 97.6 | 86.6 | 94.2 | 100.9 | 97.4 | 80.0 |
| 2000 | 12 | 86.7 | 103.4 | 92.5 | 82.8 | 98.3 | 98.2 | 85.8 | 94.2 | 101.2 | 97.7 | 79.6 |
| 2001 | 11 | 86.6 | 103.5 | 92.1 | 83.1 | 98.3 | 97.5 | 85.8 | 93.8 | 100.5 | 96.9 | 79.6 |
| 2002 | 10 | 86.2 | 104.0 | 91.2 | 83.6 | 98.1 | 97.2 | 85.8 | 92.7 | 100.5 | 95.9 | 80.0 |

Tabel: 135 Jersey: Kalvervitaliteit  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1992 | 13     | 91.0  | 90.1  | 100.7 |
| 1993 | 15     | 91.2  | 90.6  | 99.3  |
| 1994 | 13     | 89.9  | 89.4  | 100.2 |
| 1998 | 11     | 90.2  | 89.4  | 100.6 |
| 1999 | 20     | 87.9  | 87.8  | 101.3 |
| 2000 | 10     | 87.5  | 87.5  | 101.3 |
| 2001 | 12     | 88.5  | 88.1  | 100.6 |
| 2002 | 11     | 89.5  | 88.9  | 100.1 |
| 2004 | 16     | 88.4  | 87.8  | 100.7 |
| 2005 | 11     | 88.5  | 87.9  | 100.5 |
| 2006 | 12     | 89.5  | 88.8  | 100.2 |
| 2007 | 19     | 88.4  | 87.7  | 101.1 |
| 2008 | 20     | 88.3  | 88.0  | 100.3 |
| 2009 | 17     | 90.8  | 90.1  | 101.1 |
| 2010 | 23     | 90.6  | 90.2  | 101.3 |
| 2011 | 17     | 89.1  | 88.6  | 101.0 |
| 2012 | 13     | 90.0  | 89.5  | 101.6 |

Tabel: 136 Jersey: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LPin    | LPkgM    | LPkgV  | LPkgE  |
|------|--------|---------|----------|--------|--------|
| 2001 | 37     | -1392.9 | -10238.9 | -104.1 | -252.1 |
| 2002 | 29     | -1633.6 | -10733.8 | -151.2 | -285.1 |
| 2003 | 35     | -1392.7 | -9915.0  | -115.4 | -246.5 |
| 2004 | 27     | -804.1  | -7873.4  | -13.9  | -162.3 |
| 2005 | 34     | -601.9  | -7192.8  | 30.4   | -137.8 |
| 2006 | 36     | -321.3  | -6520.3  | 99.0   | -107.2 |
| 2007 | 43     | -133.7  | -6091.6  | 137.0  | -82.3  |
| 2008 | 46     | -151.3  | -6070.5  | 128.1  | -82.1  |
| 2009 | 45     | 76.3    | -4924.4  | 165.7  | -49.9  |
| 2010 | 49     | 438.0   | -3675.0  | 228.0  | 2.3    |
| 2011 | 42     | 546.0   | -3184.2  | 248.0  | 16.7   |
| 2012 | 34     | 658.4   | -3498.5  | 281.1  | 28.3   |
| 2013 | 94     | 662.6   | -3457.9  | 285.1  | 27.2   |
| 2014 | 60     | 819.0   | -3236.4  | 319.9  | 46.7   |
| 2015 | 46     | 942.0   | -2343.1  | 320.7  | 73.3   |

Tabel: 137 Jersey: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Eff | Int | Gewen |
|------|--------|-----|-----|-------|
|------|--------|-----|-----|-------|

|      |    |      |       |       |
|------|----|------|-------|-------|
| 1994 | 11 | 96.4 | 102.6 | 103.0 |
| 1999 | 14 | 97.0 | 103.2 | 104.1 |
| 2007 | 16 | 95.2 | 102.2 | 105.6 |
| 2008 | 13 | 94.8 | 102.9 | 104.6 |
| 2009 | 10 | 95.6 | 102.9 | 104.4 |
| 2010 | 16 | 94.5 | 103.8 | 105.2 |

Tabel: 138 Jersey: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew  |
|------|--------|-------|------|--------|-------|--------|------|
| 1985 | 11     | 102.7 | 96.3 | 11     | -7.8  | 0      | 0.0  |
| 1986 | 10     | 102.5 | 96.2 | 10     | -7.9  | 0      | 0.0  |
| 1987 | 23     | 101.7 | 95.0 | 23     | -8.6  | 0      | 0.0  |
| 1988 | 20     | 101.8 | 95.5 | 20     | -6.6  | 0      | 0.0  |
| 1989 | 25     | 101.8 | 95.5 | 25     | -8.9  | 0      | 0.0  |
| 1990 | 27     | 101.9 | 97.1 | 27     | -7.0  | 0      | 0.0  |
| 1991 | 27     | 104.8 | 97.0 | 27     | -8.3  | 0      | 0.0  |
| 1992 | 28     | 103.8 | 96.5 | 28     | -8.3  | 0      | 0.0  |
| 1993 | 23     | 104.7 | 95.4 | 23     | -9.1  | 0      | 0.0  |
| 1994 | 18     | 103.3 | 95.7 | 18     | -7.9  | 0      | 0.0  |
| 1995 | 17     | 102.4 | 95.8 | 17     | -8.3  | 0      | 0.0  |
| 1996 | 19     | 104.7 | 97.4 | 19     | -8.7  | 0      | 0.0  |
| 1997 | 24     | 104.5 | 95.7 | 24     | -8.9  | 0      | 0.0  |
| 1998 | 28     | 102.3 | 94.8 | 28     | -9.1  | 0      | 0.0  |
| 1999 | 37     | 104.5 | 95.8 | 37     | -6.9  | 0      | 0.0  |
| 2000 | 32     | 104.8 | 95.5 | 32     | -7.0  | 0      | 0.0  |
| 2001 | 40     | 104.0 | 95.2 | 40     | -8.1  | 5      | 55.8 |
| 2002 | 30     | 104.1 | 94.8 | 30     | -7.8  | 3      | 53.0 |
| 2003 | 35     | 104.3 | 95.6 | 35     | -7.7  | 1      | 61.0 |
| 2004 | 28     | 105.9 | 95.0 | 28     | -7.6  | 6      | 57.2 |
| 2005 | 37     | 105.0 | 95.8 | 37     | -7.8  | 0      | 0.0  |
| 2006 | 42     | 104.7 | 96.9 | 42     | -7.9  | 1      | 53.0 |
| 2007 | 44     | 105.0 | 96.5 | 44     | -7.4  | 2      | 59.0 |
| 2008 | 52     | 105.5 | 95.7 | 52     | -7.2  | 4      | 55.0 |
| 2009 | 55     | 106.0 | 96.5 | 55     | -6.5  | 0      | 0.0  |
| 2010 | 51     | 106.1 | 97.0 | 51     | -7.1  | 7      | 56.7 |
| 2011 | 47     | 106.4 | 97.5 | 47     | -6.7  | 0      | 0.0  |
| 2012 | 37     | 106.8 | 97.1 | 37     | -7.0  | 0      | 0.0  |
| 2013 | 95     | 106.9 | 97.2 | 95     | -6.8  | 0      | 0.0  |
| 2014 | 60     | 106.4 | 96.7 | 60     | -7.0  | 4      | 65.2 |
| 2015 | 47     | 107.6 | 96.9 | 47     | -6.6  | 2      | 70.0 |

Tabel: 139 Witblauw Mixte: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | kgM     | kgV    | kgE   | kgL    | %V    | %E    | %L    | INET   |
|------|--------|---------|--------|-------|--------|-------|-------|-------|--------|
| 1982 | 10     | -1742.2 | -96.8  | -73.5 | -88.9  | -41.5 | -20.0 | -18.7 | -531.3 |
| 1983 | 11     | -2200.2 | -108.3 | -87.8 | -109.8 | -24.0 | -15.3 | -20.5 | -620.4 |
| 1984 | 15     | -1941.1 | -97.7  | -79.5 | -98.1  | -24.2 | -17.1 | -19.9 | -560.5 |
| 1985 | 27     | -1897.4 | -96.9  | -77.3 | -96.2  | -26.1 | -14.7 | -19.9 | -549.2 |
| 1986 | 27     | -1970.0 | -100.1 | -79.9 | -99.5  | -27.7 | -16.0 | -20.1 | -567.7 |
| 1987 | 36     | -1865.2 | -96.9  | -78.6 | -94.7  | -30.0 | -20.9 | -19.8 | -554.3 |
| 1988 | 31     | -1798.3 | -92.6  | -76.5 | -91.6  | -25.8 | -20.6 | -19.4 | -535.5 |
| 1989 | 32     | -1804.6 | -97.3  | -77.7 | -91.8  | -36.8 | -22.9 | -19.5 | -550.6 |
| 1990 | 53     | -1826.6 | -95.5  | -76.4 | -92.9  | -29.9 | -18.7 | -19.5 | -541.7 |



|      |     |         |        |       |        |       |       |       |        |
|------|-----|---------|--------|-------|--------|-------|-------|-------|--------|
| 1991 | 63  | -2078.5 | -105.6 | -85.5 | -104.3 | -28.8 | -18.9 | -20.4 | -603.5 |
| 1992 | 61  | -1971.2 | -102.2 | -81.4 | -99.5  | -31.7 | -18.7 | -20.0 | -578.3 |
| 1993 | 83  | -1964.9 | -102.5 | -80.6 | -99.3  | -33.2 | -17.0 | -20.2 | -575.6 |
| 1994 | 116 | -1877.3 | -98.9  | -77.2 | -95.2  | -33.0 | -16.8 | -19.7 | -552.8 |
| 1995 | 109 | -1778.8 | -95.7  | -74.1 | -90.7  | -35.2 | -17.6 | -19.3 | -532.1 |
| 1996 | 140 | -1693.2 | -91.2  | -71.3 | -86.9  | -33.4 | -18.2 | -19.1 | -509.9 |
| 1997 | 130 | -1587.1 | -87.4  | -68.4 | -82.0  | -34.3 | -20.0 | -18.8 | -488.9 |
| 1998 | 144 | -1677.7 | -90.9  | -70.2 | -86.1  | -34.0 | -16.9 | -19.0 | -504.5 |
| 1999 | 133 | -1536.9 | -83.9  | -66.0 | -79.7  | -31.4 | -18.6 | -18.6 | -470.6 |
| 2000 | 163 | -1493.1 | -84.8  | -65.7 | -77.7  | -37.3 | -21.2 | -18.5 | -471.0 |
| 2001 | 159 | -1525.4 | -88.5  | -66.4 | -79.3  | -41.5 | -20.0 | -18.7 | -482.0 |
| 2002 | 151 | -1538.5 | -88.9  | -67.0 | -80.3  | -41.3 | -20.2 | -19.5 | -485.5 |
| 2003 | 187 | -1497.5 | -87.1  | -65.8 | -76.9  | -41.4 | -20.9 | -16.5 | -476.0 |
| 2004 | 218 | -1461.5 | -87.4  | -64.8 | -75.0  | -44.6 | -21.2 | -16.0 | -471.7 |
| 2005 | 250 | -1398.9 | -84.4  | -62.5 | -71.7  | -43.9 | -21.5 | -14.7 | -455.1 |
| 2006 | 263 | -1457.3 | -87.3  | -64.0 | -75.1  | -45.0 | -20.1 | -16.6 | -468.5 |
| 2007 | 248 | -1410.1 | -85.5  | -62.9 | -72.9  | -45.3 | -21.0 | -16.2 | -459.4 |
| 2008 | 291 | -1492.2 | -88.6  | -64.1 | -76.0  | -44.8 | -17.8 | -15.3 | -472.0 |
| 2009 | 260 | -1431.9 | -86.9  | -62.1 | -71.8  | -46.4 | -17.9 | -12.2 | -458.7 |
| 2010 | 317 | -1371.7 | -84.2  | -61.1 | -68.7  | -45.7 | -20.1 | -11.5 | -447.9 |
| 2011 | 335 | -1437.2 | -87.3  | -62.7 | -70.8  | -46.8 | -18.7 | -9.7  | -461.9 |
| 2012 | 363 | -1406.7 | -86.3  | -61.9 | -68.6  | -47.0 | -19.3 | -7.9  | -455.7 |
| 2013 | 339 | -1260.1 | -80.5  | -57.4 | -61.3  | -47.3 | -20.5 | -6.5  | -422.8 |
| 2014 | 318 | -1246.8 | -78.8  | -57.1 | -60.3  | -44.7 | -20.8 | -5.6  | -417.7 |
| 2015 | 262 | -1237.4 | -79.2  | -56.7 | -59.6  | -46.5 | -20.9 | -5.0  | -416.8 |
| 2016 | 27  | -1247.5 | -80.3  | -57.9 | -60.6  | -48.0 | -22.8 | -6.1  | -424.1 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 140 Witblauw Mixte: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1982 | 10     | 101.9 | 105.7 | 103.1 | 104.7 | 101.9 | 101.2 | 87.1 | 104.0 |
| 1983 | 11     | 99.6  | 106.4 | 101.9 | 104.3 | 99.7  | 99.1  | 85.6 | 103.3 |
| 1984 | 15     | 101.0 | 105.1 | 102.1 | 103.7 | 100.4 | 100.2 | 86.3 | 103.1 |
| 1985 | 28     | 102.2 | 105.7 | 103.2 | 104.9 | 101.5 | 100.8 | 86.2 | 104.2 |
| 1986 | 27     | 101.1 | 105.5 | 102.1 | 104.1 | 100.7 | 100.3 | 86.1 | 103.3 |
| 1987 | 34     | 101.4 | 105.6 | 102.7 | 104.6 | 101.1 | 100.4 | 86.1 | 103.9 |
| 1988 | 32     | 101.2 | 105.8 | 102.2 | 104.5 | 100.7 | 99.9  | 85.9 | 103.5 |
| 1989 | 33     | 101.0 | 105.3 | 101.9 | 104.1 | 100.6 | 99.9  | 85.5 | 103.2 |
| 1990 | 57     | 101.4 | 105.4 | 102.4 | 104.4 | 100.9 | 100.2 | 85.7 | 103.6 |
| 1991 | 67     | 100.6 | 105.8 | 102.1 | 104.4 | 100.3 | 99.8  | 86.1 | 103.5 |
| 1992 | 66     | 100.9 | 106.2 | 102.8 | 105.0 | 101.0 | 100.4 | 86.4 | 104.2 |
| 1993 | 88     | 101.4 | 106.3 | 103.1 | 105.3 | 101.5 | 101.0 | 87.2 | 104.4 |
| 1994 | 120    | 101.5 | 106.5 | 103.4 | 105.5 | 101.7 | 100.9 | 86.7 | 104.7 |
| 1995 | 112    | 101.8 | 105.6 | 102.9 | 104.8 | 101.5 | 101.0 | 87.1 | 104.1 |
| 1996 | 140    | 101.9 | 105.6 | 103.0 | 104.8 | 101.6 | 101.1 | 87.5 | 104.2 |
| 1997 | 136    | 101.8 | 105.8 | 103.2 | 105.1 | 101.6 | 101.1 | 87.5 | 104.4 |
| 1998 | 151    | 102.5 | 105.8 | 103.5 | 105.3 | 102.1 | 101.4 | 87.1 | 104.6 |
| 1999 | 138    | 102.4 | 105.6 | 103.4 | 105.1 | 102.2 | 100.9 | 86.8 | 104.5 |
| 2000 | 175    | 102.3 | 105.4 | 103.3 | 104.9 | 102.0 | 101.1 | 87.3 | 104.3 |
| 2001 | 173    | 101.8 | 105.5 | 103.0 | 104.7 | 101.6 | 100.7 | 87.5 | 104.1 |
| 2002 | 167    | 102.0 | 105.4 | 103.0 | 104.7 | 101.7 | 100.9 | 87.9 | 104.1 |
| 2003 | 202    | 101.8 | 105.5 | 103.0 | 104.7 | 101.5 | 100.7 | 88.1 | 104.1 |
| 2004 | 243    | 101.7 | 105.3 | 102.8 | 104.5 | 101.5 | 100.5 | 88.1 | 103.9 |
| 2005 | 267    | 101.6 | 105.6 | 103.1 | 104.8 | 101.5 | 100.5 | 88.5 | 104.2 |
| 2006 | 282    | 101.8 | 105.7 | 103.1 | 105.0 | 101.6 | 100.7 | 88.5 | 104.3 |
| 2007 | 273    | 102.0 | 105.7 | 103.4 | 105.0 | 101.8 | 100.8 | 88.4 | 104.5 |
| 2008 | 318    | 101.6 | 105.7 | 103.2 | 104.9 | 101.5 | 100.6 | 88.4 | 104.2 |
| 2009 | 300    | 102.1 | 105.6 | 103.6 | 105.1 | 102.0 | 101.0 | 88.4 | 104.5 |

|      |     |       |       |       |       |       |       |      |       |
|------|-----|-------|-------|-------|-------|-------|-------|------|-------|
| 2010 | 355 | 102.3 | 105.3 | 103.5 | 104.9 | 102.0 | 100.9 | 88.5 | 104.4 |
| 2011 | 422 | 102.1 | 105.6 | 103.5 | 105.1 | 102.0 | 100.7 | 88.4 | 104.5 |
| 2012 | 422 | 102.5 | 105.4 | 103.6 | 105.0 | 102.3 | 101.0 | 88.4 | 104.5 |
| 2013 | 385 | 102.4 | 105.3 | 103.5 | 104.9 | 102.2 | 101.0 | 88.7 | 104.4 |
| 2014 | 370 | 102.4 | 105.0 | 103.3 | 104.6 | 102.0 | 100.9 | 88.6 | 104.2 |
| 2015 | 311 | 102.5 | 104.9 | 103.3 | 104.5 | 102.1 | 101.0 | 88.6 | 104.1 |
| 2016 | 33  | 102.1 | 104.7 | 103.0 | 104.2 | 101.8 | 100.9 | 89.0 | 103.9 |

Tabel: 141 Witblauw Mixte: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B    | Gin |
|------|--------|--------|--------|--------|-------|-------|-------|------|-----|
| 1982 | 10     | -165.4 | -531.3 | -568.3 | 103.2 | 104.0 | 0.0   | 0.0  | 0.0 |
| 1983 | 11     | -184.1 | -620.4 | 0.0    | 104.0 | 103.3 | 0.0   | 0.0  | 0.0 |
| 1984 | 15     | -166.2 | -560.5 | -212.0 | 103.4 | 103.1 | 0.0   | 0.0  | 0.0 |
| 1985 | 27     | -149.7 | -549.2 | -122.0 | 104.5 | 104.2 | 0.0   | 0.0  | 0.0 |
| 1986 | 27     | -165.9 | -567.7 | -303.0 | 104.3 | 103.3 | 0.0   | 0.0  | 0.0 |
| 1987 | 36     | -155.7 | -554.3 | -57.8  | 103.8 | 103.9 | 0.0   | 0.0  | 0.0 |
| 1988 | 31     | -146.4 | -535.5 | -97.8  | 104.8 | 103.5 | 0.0   | 0.0  | 0.0 |
| 1989 | 32     | -148.8 | -550.6 | 33.8   | 104.9 | 103.2 | 0.0   | 0.0  | 0.0 |
| 1990 | 53     | -150.2 | -541.7 | 39.9   | 103.8 | 103.6 | 0.0   | 0.0  | 0.0 |
| 1991 | 63     | -168.4 | -603.5 | 68.2   | 104.0 | 103.5 | 0.0   | 0.0  | 0.0 |
| 1992 | 61     | -151.5 | -578.3 | 111.1  | 104.6 | 104.2 | 0.0   | 0.0  | 0.0 |
| 1993 | 83     | -154.0 | -575.6 | 112.3  | 103.5 | 104.4 | 0.0   | 0.0  | 0.0 |
| 1994 | 116    | -144.3 | -552.8 | 78.4   | 103.8 | 104.7 | 0.0   | 0.0  | 0.0 |
| 1995 | 109    | -139.7 | -532.1 | 96.5   | 103.9 | 104.1 | 0.0   | 0.0  | 0.0 |
| 1996 | 140    | -126.6 | -509.9 | 137.9  | 104.1 | 104.2 | 0.0   | 0.0  | 0.0 |
| 1997 | 130    | -118.5 | -488.9 | 128.0  | 104.1 | 104.4 | 0.0   | 0.0  | 0.0 |
| 1998 | 144    | -117.8 | -504.5 | 146.7  | 104.3 | 104.6 | 0.0   | 0.0  | 0.0 |
| 1999 | 133    | -94.3  | -470.6 | 157.7  | 104.3 | 104.5 | 0.0   | 0.0  | 0.0 |
| 2000 | 163    | -104.7 | -471.0 | 138.1  | 104.0 | 104.3 | 0.0   | 0.0  | 0.0 |
| 2001 | 159    | -114.7 | -482.0 | 152.0  | 103.4 | 104.1 | 0.0   | 0.0  | 0.0 |
| 2002 | 151    | -113.3 | -485.5 | 131.4  | 103.5 | 104.1 | 0.0   | 0.0  | 0.0 |
| 2003 | 187    | -102.2 | -476.0 | 151.4  | 103.7 | 104.1 | 0.0   | 0.0  | 0.0 |
| 2004 | 218    | -105.8 | -471.7 | 155.8  | 103.6 | 103.9 | 0.0   | 0.0  | 0.0 |
| 2005 | 250    | -100.6 | -455.1 | 148.0  | 103.3 | 104.2 | 0.0   | 0.0  | 0.0 |
| 2006 | 263    | -103.4 | -468.5 | 126.9  | 103.1 | 104.3 | 0.0   | 0.0  | 0.0 |
| 2007 | 248    | -97.3  | -459.4 | 128.0  | 103.2 | 104.5 | 0.0   | 0.0  | 0.0 |
| 2008 | 291    | -103.4 | -472.0 | 133.2  | 103.2 | 104.2 | 0.0   | 0.0  | 0.0 |
| 2009 | 260    | -97.2  | -458.7 | 105.2  | 103.6 | 104.5 | 0.0   | 0.0  | 0.0 |
| 2010 | 317    | -92.3  | -447.9 | 116.1  | 103.6 | 104.4 | 0.0   | 0.0  | 0.0 |
| 2011 | 335    | -99.2  | -461.9 | 102.7  | 103.2 | 104.5 | 0.0   | 0.0  | 0.0 |
| 2012 | 363    | -99.0  | -455.7 | 110.7  | 103.0 | 104.5 | 0.0   | 0.0  | 0.0 |
| 2013 | 339    | -88.3  | -422.8 | 111.8  | 103.4 | 104.4 | 107.0 | 93.0 | 0.0 |
| 2014 | 318    | -95.0  | -417.7 | 123.2  | 102.9 | 104.2 | 0.0   | 0.0  | 0.0 |
| 2015 | 262    | -97.0  | -416.8 | 113.2  | 102.9 | 104.1 | 0.0   | 0.0  | 0.0 |
| 2016 | 27     | -102.9 | -424.1 | 120.9  | 103.3 | 103.9 | 0.0   | 0.0  | 0.0 |

Tabel: 142 Witblauw Mixte: Geboortekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Geb  | DDt   | DGw   | Afk  | MDt  | MGw  |
|------|--------|------|-------|-------|------|------|------|
| 1989 | 10     | 86.6 | 104.9 | 114.8 | 9.5  | 9.3  | 10.2 |
| 1990 | 10     | 87.0 | 104.8 | 114.5 | 10.0 | 8.9  | 10.0 |
| 1992 | 12     | 90.0 | 104.9 | 111.5 | 32.2 | 30.2 | 33.9 |
| 1993 | 20     | 88.8 | 105.5 | 112.8 | 20.2 | 18.4 | 20.1 |

|      |     |      |       |       |      |      |      |
|------|-----|------|-------|-------|------|------|------|
| 1994 | 20  | 90.5 | 105.2 | 111.3 | 35.5 | 32.0 | 34.9 |
| 1995 | 21  | 88.6 | 105.2 | 113.0 | 28.4 | 26.0 | 29.1 |
| 1996 | 38  | 89.4 | 104.8 | 112.0 | 44.9 | 40.7 | 45.3 |
| 1997 | 34  | 89.1 | 104.4 | 112.4 | 50.6 | 45.0 | 50.2 |
| 1998 | 44  | 89.8 | 104.9 | 111.8 | 55.6 | 49.8 | 54.6 |
| 1999 | 40  | 90.2 | 104.2 | 111.4 | 81.2 | 72.6 | 80.1 |
| 2000 | 74  | 90.1 | 104.7 | 111.6 | 59.8 | 54.6 | 59.7 |
| 2001 | 72  | 90.5 | 104.8 | 111.0 | 68.6 | 62.7 | 68.5 |
| 2002 | 70  | 90.2 | 105.1 | 111.4 | 79.6 | 72.4 | 79.8 |
| 2003 | 105 | 90.2 | 105.0 | 111.5 | 84.9 | 77.3 | 85.7 |
| 2004 | 127 | 90.1 | 104.8 | 111.5 | 81.9 | 75.4 | 83.6 |
| 2005 | 142 | 90.8 | 104.3 | 111.0 | 87.8 | 79.9 | 89.1 |
| 2006 | 159 | 90.7 | 104.7 | 111.1 | 86.4 | 78.2 | 86.7 |
| 2007 | 156 | 90.8 | 104.4 | 111.0 | 94.5 | 84.9 | 94.0 |
| 2008 | 163 | 90.5 | 104.8 | 111.4 | 93.3 | 84.9 | 93.9 |
| 2009 | 231 | 90.1 | 105.3 | 111.6 | 88.7 | 80.2 | 88.9 |
| 2010 | 285 | 90.2 | 104.8 | 111.4 | 92.7 | 83.2 | 92.0 |
| 2011 | 307 | 90.2 | 104.6 | 111.5 | 91.7 | 82.0 | 90.7 |
| 2012 | 331 | 90.0 | 104.8 | 111.6 | 93.4 | 83.3 | 91.8 |
| 2013 | 271 | 90.2 | 105.5 | 111.4 | 91.4 | 82.4 | 91.0 |
| 2014 | 345 | 90.6 | 105.2 | 111.2 | 85.3 | 76.9 | 84.8 |
| 2015 | 320 | 90.9 | 104.6 | 110.9 | 73.9 | 66.1 | 72.9 |
| 2016 | 275 | 90.5 | 104.7 | 111.1 | 53.4 | 47.6 | 52.7 |
| 2017 | 298 | 90.6 | 104.4 | 111.0 | 40.9 | 36.4 | 40.1 |
| 2018 | 111 | 90.8 | 104.8 | 110.9 | 37.5 | 33.7 | 37.4 |

Tabel: 143 Witblauw Mixte: Vleeskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1999 | 26     | 106.7 | 129.1 | 99.6  | 119.0 | 109.4 | 107.5 | 101.6 | 102.4 | 121.7 | 107.3 | 108.2 |
| 2000 | 19     | 105.9 | 127.5 | 99.9  | 117.4 | 109.2 | 107.5 | 100.9 | 101.9 | 119.9 | 107.7 | 106.2 |
| 2001 | 16     | 105.3 | 127.5 | 100.1 | 118.6 | 107.4 | 108.0 | 100.8 | 101.8 | 120.0 | 108.2 | 106.9 |
| 2002 | 36     | 105.7 | 128.3 | 101.1 | 117.6 | 108.3 | 107.6 | 100.4 | 102.7 | 121.2 | 107.9 | 106.6 |
| 2003 | 70     | 105.6 | 127.6 | 100.8 | 117.1 | 108.4 | 107.6 | 100.3 | 102.8 | 120.4 | 107.6 | 106.0 |
| 2004 | 63     | 105.3 | 126.4 | 100.3 | 116.7 | 107.6 | 107.4 | 100.4 | 103.0 | 118.4 | 107.1 | 104.8 |
| 2005 | 76     | 104.9 | 125.8 | 100.6 | 115.7 | 107.8 | 106.9 | 100.3 | 102.6 | 117.9 | 107.1 | 103.8 |
| 2006 | 105    | 105.1 | 126.0 | 100.5 | 116.1 | 108.0 | 106.6 | 100.6 | 102.2 | 118.3 | 107.0 | 104.2 |
| 2007 | 95     | 106.4 | 127.3 | 100.9 | 116.9 | 109.3 | 106.6 | 101.7 | 102.2 | 120.0 | 107.6 | 105.6 |
| 2008 | 125    | 105.5 | 126.6 | 101.3 | 116.0 | 108.8 | 106.9 | 100.8 | 102.0 | 119.2 | 107.7 | 104.5 |
| 2009 | 137    | 105.5 | 127.3 | 102.1 | 116.8 | 108.0 | 107.4 | 100.7 | 102.2 | 120.0 | 108.4 | 105.7 |
| 2010 | 147    | 104.8 | 125.0 | 101.9 | 115.6 | 107.0 | 107.3 | 100.3 | 102.2 | 118.3 | 108.2 | 104.5 |
| 2011 | 155    | 104.4 | 125.4 | 102.2 | 115.9 | 106.4 | 107.4 | 100.0 | 101.8 | 118.6 | 108.4 | 104.7 |
| 2012 | 121    | 104.0 | 124.2 | 102.5 | 114.9 | 105.9 | 107.5 | 99.6  | 101.8 | 118.1 | 108.5 | 104.1 |
| 2013 | 78     | 103.9 | 122.7 | 102.4 | 114.4 | 105.4 | 107.4 | 99.8  | 101.6 | 117.3 | 108.4 | 104.0 |
| 2014 | 31     | 104.5 | 124.3 | 102.7 | 114.9 | 106.9 | 107.7 | 99.9  | 102.1 | 118.5 | 108.8 | 104.2 |

Tabel: 144 Witblauw Mixte: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2001 | 141    | -1523.6 | -3666.7 | -302.7 | -204.6 |
| 2002 | 131    | -1609.1 | -3981.9 | -317.4 | -216.9 |
| 2003 | 164    | -1502.0 | -3549.5 | -299.8 | -201.2 |
| 2004 | 178    | -1414.3 | -3097.6 | -287.7 | -187.5 |
| 2005 | 209    | -1377.2 | -2943.4 | -280.9 | -182.4 |

|      |     |         |         |        |        |
|------|-----|---------|---------|--------|--------|
| 2006 | 217 | -1542.8 | -3665.8 | -312.1 | -204.5 |
| 2007 | 218 | -1497.1 | -3409.4 | -301.6 | -199.5 |
| 2008 | 245 | -1516.9 | -3653.0 | -310.2 | -199.1 |
| 2009 | 211 | -1626.4 | -4039.7 | -330.8 | -213.9 |
| 2010 | 259 | -1521.8 | -3593.3 | -309.0 | -201.1 |
| 2011 | 302 | -1637.9 | -4048.1 | -332.6 | -215.7 |
| 2012 | 310 | -1587.4 | -3848.5 | -323.1 | -208.8 |
| 2013 | 270 | -1382.1 | -2943.7 | -285.9 | -180.8 |
| 2014 | 228 | -1337.0 | -2719.3 | -277.2 | -175.0 |
| 2015 | 180 | -1407.5 | -3166.1 | -288.6 | -184.8 |
| 2016 | 16  | -1464.6 | -3447.4 | -300.6 | -191.6 |

Tabel: 145 Witblauw Mixte: Robot / AMS kenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Eff  | Int   | Gewen |
|------|--------|------|-------|-------|
| 2013 | 11     | 94.4 | 109.6 | 103.0 |

Tabel: 146 Witblauw Mixte: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew  |
|------|--------|-------|------|--------|-------|--------|------|
| 1982 | 10     | 100.4 | 96.0 | 0      | 0.0   | 0      | 0.0  |
| 1983 | 11     | 100.2 | 94.3 | 0      | 0.0   | 0      | 0.0  |
| 1984 | 15     | 100.5 | 94.7 | 0      | 0.0   | 0      | 0.0  |
| 1985 | 27     | 99.2  | 95.3 | 0      | 0.0   | 0      | 0.0  |
| 1986 | 27     | 98.5  | 95.3 | 0      | 0.0   | 0      | 0.0  |
| 1987 | 36     | 100.4 | 95.7 | 0      | 0.0   | 0      | 0.0  |
| 1988 | 31     | 98.9  | 94.8 | 0      | 0.0   | 0      | 0.0  |
| 1989 | 32     | 98.2  | 95.1 | 0      | 0.0   | 0      | 0.0  |
| 1990 | 53     | 99.1  | 94.9 | 0      | 0.0   | 0      | 0.0  |
| 1991 | 63     | 98.1  | 94.9 | 0      | 0.0   | 0      | 0.0  |
| 1992 | 61     | 97.6  | 95.1 | 0      | 0.0   | 0      | 0.0  |
| 1993 | 83     | 97.9  | 94.7 | 0      | 0.0   | 0      | 0.0  |
| 1994 | 116    | 97.5  | 94.8 | 0      | 0.0   | 0      | 0.0  |
| 1995 | 109    | 97.5  | 95.1 | 0      | 0.0   | 0      | 0.0  |
| 1996 | 140    | 97.8  | 95.3 | 0      | 0.0   | 0      | 0.0  |
| 1997 | 130    | 97.4  | 95.3 | 0      | 0.0   | 0      | 0.0  |
| 1998 | 144    | 96.8  | 94.6 | 0      | 0.0   | 0      | 0.0  |
| 1999 | 133    | 96.7  | 94.5 | 0      | 0.0   | 0      | 0.0  |
| 2000 | 163    | 97.0  | 94.8 | 0      | 0.0   | 0      | 0.0  |
| 2001 | 159    | 96.8  | 94.8 | 0      | 0.0   | 0      | 0.0  |
| 2002 | 151    | 97.4  | 95.5 | 0      | 0.0   | 0      | 0.0  |
| 2003 | 187    | 97.6  | 95.1 | 0      | 0.0   | 0      | 0.0  |
| 2004 | 218    | 97.2  | 95.3 | 0      | 0.0   | 0      | 0.0  |
| 2005 | 250    | 97.6  | 95.4 | 0      | 0.0   | 0      | 0.0  |
| 2006 | 263    | 97.3  | 95.4 | 0      | 0.0   | 0      | 0.0  |
| 2007 | 248    | 97.2  | 95.2 | 0      | 0.0   | 0      | 0.0  |
| 2008 | 291    | 97.0  | 95.6 | 0      | 0.0   | 0      | 0.0  |
| 2009 | 260    | 97.0  | 95.7 | 0      | 0.0   | 0      | 0.0  |
| 2010 | 317    | 97.8  | 95.5 | 0      | 0.0   | 0      | 0.0  |
| 2011 | 335    | 97.3  | 96.1 | 0      | 0.0   | 0      | 0.0  |
| 2012 | 363    | 97.8  | 96.2 | 0      | 0.0   | 0      | 0.0  |
| 2013 | 339    | 97.4  | 96.0 | 0      | 0.0   | 1      | 96.0 |
| 2014 | 318    | 97.9  | 96.3 | 0      | 0.0   | 0      | 0.0  |
| 2015 | 262    | 97.6  | 96.1 | 0      | 0.0   | 0      | 0.0  |

2016 27 97.5 96.4 0 0.0 0 0.0

Tabel: 147 Rood Dubbeldoel: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL    | %V    | %E    | %L    | INET   |
|------|--------|---------|-------|-------|--------|-------|-------|-------|--------|
| 1980 | 21     | -1611.3 | -70.2 | -64.4 | -83.0  | 3.0   | -10.2 | -18.6 | -436.3 |
| 1981 | 16     | -1601.8 | -74.8 | -64.5 | -82.6  | -6.9  | -11.2 | -18.4 | -446.3 |
| 1982 | 18     | -1589.9 | -69.2 | -63.7 | -82.2  | 3.7   | -10.5 | -18.8 | -431.1 |
| 1983 | 47     | -1696.3 | -73.0 | -65.9 | -87.0  | 5.9   | -6.7  | -18.9 | -449.8 |
| 1984 | 51     | -1849.8 | -78.5 | -70.5 | -94.0  | 9.2   | -4.6  | -19.5 | -482.2 |
| 1985 | 63     | -1905.2 | -85.0 | -73.0 | -96.6  | 0.7   | -5.2  | -19.9 | -506.8 |
| 1986 | 95     | -1982.7 | -85.9 | -74.4 | -100.1 | 6.4   | -1.9  | -20.0 | -515.6 |
| 1987 | 139    | -1907.5 | -83.8 | -72.6 | -96.6  | 3.2   | -4.2  | -19.7 | -502.4 |
| 1988 | 181    | -1837.1 | -79.9 | -70.3 | -93.4  | 5.1   | -4.8  | -19.5 | -484.1 |
| 1989 | 173    | -1793.8 | -79.0 | -70.0 | -91.5  | 2.3   | -7.6  | -19.4 | -480.3 |
| 1990 | 162    | -1697.5 | -74.2 | -67.1 | -87.0  | 3.6   | -8.7  | -19.1 | -457.2 |
| 1991 | 129    | -1620.5 | -72.5 | -65.8 | -83.5  | 0.1   | -11.9 | -18.8 | -447.1 |
| 1992 | 80     | -1682.5 | -72.6 | -66.6 | -86.3  | 6.5   | -8.6  | -19.1 | -451.6 |
| 1993 | 67     | -1578.9 | -70.0 | -63.7 | -81.6  | 1.7   | -10.4 | -18.5 | -432.7 |
| 1994 | 64     | -1461.4 | -64.9 | -60.0 | -76.3  | 1.5   | -11.8 | -18.4 | -405.0 |
| 1995 | 58     | -1478.5 | -66.9 | -61.4 | -77.1  | -1.6  | -13.6 | -18.4 | -415.6 |
| 1996 | 31     | -1622.0 | -66.8 | -60.9 | -83.6  | 12.4  | -1.7  | -18.7 | -415.3 |
| 1997 | 29     | -1527.8 | -67.2 | -60.2 | -79.2  | 1.9   | -7.7  | -18.4 | -411.9 |
| 1998 | 36     | -1449.3 | -68.5 | -60.4 | -75.7  | -7.6  | -13.5 | -18.3 | -414.5 |
| 1999 | 37     | -1385.4 | -65.7 | -58.9 | -72.8  | -7.3  | -15.2 | -18.1 | -401.5 |
| 2000 | 31     | -1355.5 | -63.8 | -55.8 | -71.4  | -6.0  | -11.2 | -17.9 | -384.2 |
| 2001 | 32     | -1272.0 | -59.9 | -54.1 | -67.7  | -5.8  | -13.4 | -17.8 | -367.8 |
| 2002 | 40     | -1323.7 | -65.1 | -56.0 | -52.5  | -11.4 | -13.6 | 16.1  | -382.3 |
| 2003 | 43     | -1308.0 | -65.4 | -56.0 | -42.7  | -13.5 | -14.7 | 35.5  | -379.6 |
| 2004 | 47     | -1089.9 | -58.6 | -51.6 | -34.0  | -18.3 | -21.1 | 31.0  | -345.0 |
| 2005 | 36     | -1214.9 | -62.3 | -54.6 | -38.4  | -15.3 | -18.7 | 34.1  | -366.3 |
| 2006 | 61     | -1076.1 | -58.0 | -50.5 | -34.1  | -18.6 | -20.0 | 29.3  | -339.0 |
| 2007 | 42     | -1151.7 | -63.0 | -53.4 | -37.2  | -22.2 | -20.5 | 30.6  | -362.5 |
| 2008 | 45     | -1046.6 | -57.4 | -49.8 | -34.1  | -19.8 | -20.6 | 26.3  | -335.1 |
| 2009 | 30     | -1264.4 | -68.0 | -55.9 | -42.6  | -22.4 | -17.7 | 30.9  | -384.6 |
| 2010 | 28     | -1056.4 | -58.4 | -50.9 | -37.8  | -21.0 | -22.0 | 20.1  | -342.8 |
| 2011 | 27     | -993.7  | -58.3 | -47.9 | -31.3  | -25.7 | -20.6 | 27.3  | -328.1 |
| 2012 | 32     | -1175.5 | -63.7 | -52.5 | -39.4  | -21.2 | -17.4 | 28.8  | -361.0 |
| 2013 | 25     | -1194.0 | -58.5 | -52.5 | -37.0  | -10.0 | -16.2 | 35.1  | -349.2 |
| 2014 | 19     | -1062.9 | -54.3 | -49.3 | -36.1  | -12.9 | -18.7 | 24.4  | -326.9 |
| 2015 | 26     | -991.8  | -57.0 | -47.8 | -27.0  | -23.3 | -20.3 | 35.0  | -324.0 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 148 Rood Dubbeldoel: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | H    | VH   | IH   | OH   | CS   | KL   | KB    |
|------|--------|------|------|------|------|------|------|-------|
| 1985 | 10     | 95.4 | 95.3 | 94.8 | 99.2 | 94.8 | 90.3 | 97.9  |
| 1986 | 14     | 95.4 | 94.3 | 94.3 | 99.1 | 94.0 | 91.7 | 99.2  |
| 1987 | 18     | 94.2 | 94.1 | 94.3 | 98.9 | 93.8 | 90.9 | 98.2  |
| 1988 | 23     | 95.9 | 95.0 | 95.1 | 99.6 | 93.7 | 90.3 | 100.5 |
| 1989 | 34     | 94.6 | 95.1 | 94.8 | 99.0 | 94.3 | 90.2 | 99.9  |
| 1990 | 43     | 95.9 | 95.0 | 94.7 | 99.3 | 94.3 | 91.0 | 100.8 |
| 1991 | 21     | 95.5 | 94.8 | 95.0 | 99.8 | 94.0 | 91.3 | 100.1 |
| 1992 | 14     | 95.4 | 95.9 | 94.4 | 98.6 | 96.1 | 90.6 | 100.4 |

|      |    |      |      |      |       |      |      |       |
|------|----|------|------|------|-------|------|------|-------|
| 1993 | 16 | 95.8 | 94.8 | 94.9 | 99.7  | 94.1 | 91.3 | 99.8  |
| 1994 | 16 | 95.2 | 96.6 | 95.2 | 99.1  | 96.0 | 90.2 | 100.4 |
| 1995 | 15 | 94.9 | 96.1 | 95.0 | 99.4  | 95.5 | 90.9 | 101.3 |
| 1998 | 12 | 96.4 | 96.0 | 95.1 | 100.2 | 95.8 | 93.2 | 99.5  |
| 1999 | 11 | 97.2 | 95.4 | 95.9 | 100.6 | 94.4 | 91.2 | 101.3 |
| 2001 | 10 | 96.8 | 96.2 | 95.8 | 100.3 | 95.2 | 91.6 | 100.8 |
| 2002 | 14 | 96.5 | 95.7 | 96.1 | 100.8 | 95.5 | 92.4 | 100.2 |

Tabel: 149 Rood Dubbeldoel: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | BA   | BZ    | KH   | BG   |
|------|--------|------|-------|------|------|
| 1985 | 10     | 95.7 | 98.0  | 93.9 | 93.0 |
| 1986 | 14     | 94.1 | 98.4  | 92.2 | 91.4 |
| 1987 | 18     | 94.2 | 99.4  | 91.8 | 91.8 |
| 1988 | 23     | 94.6 | 99.1  | 92.5 | 91.9 |
| 1989 | 34     | 94.1 | 99.7  | 92.3 | 91.4 |
| 1990 | 43     | 94.5 | 98.1  | 93.3 | 91.8 |
| 1991 | 21     | 94.7 | 98.5  | 93.1 | 92.0 |
| 1992 | 14     | 95.0 | 99.1  | 94.1 | 92.0 |
| 1993 | 16     | 93.8 | 99.0  | 93.0 | 91.3 |
| 1994 | 16     | 94.6 | 98.1  | 94.0 | 91.5 |
| 1995 | 15     | 94.7 | 100.2 | 93.3 | 91.6 |
| 1998 | 12     | 96.6 | 98.9  | 94.7 | 94.0 |
| 1999 | 11     | 95.9 | 97.9  | 94.7 | 93.5 |
| 2001 | 10     | 96.2 | 97.4  | 95.8 | 93.5 |
| 2002 | 14     | 97.1 | 97.1  | 96.1 | 94.4 |

Tabel: 150 Rood Dubbeldoel: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | VA   | VP   | SL    | UD    | AH   | OB   | AP   |
|------|--------|------|------|-------|-------|------|------|------|
| 1985 | 10     | 96.3 | 94.2 | 101.5 | 99.6  | 95.3 | 97.1 | 95.8 |
| 1986 | 14     | 95.6 | 92.3 | 102.2 | 99.1  | 95.9 | 96.4 | 94.3 |
| 1987 | 18     | 96.1 | 94.1 | 100.8 | 99.6  | 95.7 | 97.4 | 95.7 |
| 1988 | 23     | 95.9 | 94.1 | 101.7 | 99.0  | 95.1 | 97.3 | 95.6 |
| 1989 | 34     | 96.2 | 93.7 | 102.5 | 99.3  | 95.2 | 96.3 | 94.7 |
| 1990 | 43     | 96.5 | 93.7 | 102.4 | 99.6  | 95.6 | 96.4 | 94.7 |
| 1991 | 21     | 96.7 | 95.4 | 102.0 | 99.1  | 96.0 | 96.7 | 95.5 |
| 1992 | 14     | 95.7 | 93.0 | 103.7 | 99.4  | 94.7 | 97.5 | 95.7 |
| 1993 | 16     | 95.3 | 92.1 | 103.7 | 99.2  | 95.4 | 95.6 | 93.8 |
| 1994 | 16     | 95.4 | 93.1 | 102.9 | 99.2  | 95.4 | 97.1 | 95.2 |
| 1995 | 15     | 95.7 | 93.1 | 103.2 | 98.9  | 95.1 | 96.0 | 94.7 |
| 1998 | 12     | 95.6 | 95.1 | 101.3 | 100.2 | 95.5 | 98.1 | 96.7 |
| 1999 | 11     | 96.3 | 95.2 | 102.1 | 100.1 | 96.1 | 98.5 | 97.0 |
| 2001 | 10     | 96.8 | 96.0 | 101.7 | 101.2 | 95.7 | 97.8 | 96.6 |
| 2002 | 14     | 97.5 | 97.4 | 101.4 | 100.7 | 96.5 | 98.5 | 97.3 |

Tabel: 151 Rood Dubbeldoel: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | F | T | U | B | Bs | Ext |
|------|--------|---|---|---|---|----|-----|
|------|--------|---|---|---|---|----|-----|

|      |    |      |      |      |      |      |      |
|------|----|------|------|------|------|------|------|
| 1985 | 10 | 90.5 | 95.1 | 96.6 | 92.0 | 98.4 | 90.4 |
| 1986 | 14 | 91.4 | 94.7 | 96.4 | 90.1 | 98.0 | 89.5 |
| 1987 | 18 | 90.3 | 94.0 | 96.7 | 90.6 | 97.7 | 89.4 |
| 1988 | 23 | 91.9 | 95.4 | 96.3 | 90.7 | 97.6 | 89.9 |
| 1989 | 34 | 91.4 | 95.1 | 96.3 | 90.2 | 97.8 | 89.6 |
| 1990 | 43 | 92.2 | 95.6 | 96.7 | 90.6 | 98.3 | 90.2 |
| 1991 | 21 | 92.1 | 95.6 | 96.8 | 90.7 | 98.2 | 90.5 |
| 1992 | 14 | 91.9 | 96.3 | 95.9 | 91.1 | 99.4 | 90.2 |
| 1993 | 16 | 91.9 | 95.4 | 96.1 | 90.2 | 97.5 | 89.5 |
| 1994 | 16 | 92.4 | 96.8 | 96.2 | 90.4 | 99.3 | 90.2 |
| 1995 | 15 | 92.7 | 96.6 | 95.8 | 90.7 | 98.6 | 90.2 |
| 1998 | 12 | 93.0 | 97.2 | 96.8 | 93.0 | 98.7 | 92.1 |
| 1999 | 11 | 92.6 | 96.8 | 97.0 | 92.5 | 97.8 | 91.7 |
| 2001 | 10 | 93.2 | 97.3 | 97.5 | 92.4 | 98.7 | 92.3 |
| 2002 | 14 | 93.2 | 97.5 | 98.1 | 93.5 | 98.8 | 93.1 |

Tabel: 152 Rood Dubbeldoel: Vruchtbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 91     | 99.6  | 107.3 | 106.3 | 106.5 | 101.5 | 102.5 | 94.5 | 106.7 |
| 1981 | 45     | 99.2  | 107.6 | 105.9 | 106.4 | 101.0 | 102.0 | 93.9 | 106.4 |
| 1982 | 75     | 100.5 | 106.5 | 105.4 | 106.0 | 101.5 | 102.4 | 92.9 | 105.9 |
| 1983 | 107    | 100.4 | 107.4 | 106.6 | 106.9 | 101.9 | 102.8 | 93.8 | 107.0 |
| 1984 | 109    | 100.6 | 106.3 | 105.3 | 105.8 | 101.4 | 102.3 | 92.2 | 105.8 |
| 1985 | 125    | 100.3 | 106.6 | 105.1 | 105.8 | 101.0 | 102.0 | 91.7 | 105.7 |
| 1986 | 150    | 100.2 | 106.0 | 104.9 | 105.5 | 100.9 | 102.1 | 92.1 | 105.5 |
| 1987 | 177    | 99.6  | 106.6 | 104.8 | 105.6 | 100.6 | 101.7 | 92.6 | 105.5 |
| 1988 | 196    | 100.2 | 106.1 | 105.0 | 105.4 | 101.0 | 102.2 | 92.5 | 105.5 |
| 1989 | 185    | 100.4 | 106.6 | 105.5 | 106.0 | 101.5 | 102.4 | 93.0 | 106.0 |
| 1990 | 171    | 100.3 | 106.2 | 105.1 | 105.5 | 101.2 | 102.3 | 92.8 | 105.6 |
| 1991 | 134    | 100.6 | 106.0 | 105.2 | 105.4 | 101.5 | 102.2 | 92.9 | 105.6 |
| 1992 | 86     | 100.5 | 106.0 | 105.1 | 105.4 | 101.3 | 102.3 | 92.7 | 105.5 |
| 1993 | 79     | 100.7 | 105.6 | 104.9 | 105.0 | 101.4 | 102.4 | 92.5 | 105.2 |
| 1994 | 66     | 100.9 | 105.1 | 104.7 | 104.8 | 101.3 | 102.4 | 92.4 | 104.9 |
| 1995 | 63     | 100.9 | 105.5 | 105.0 | 105.2 | 101.6 | 102.3 | 93.4 | 105.3 |
| 1996 | 34     | 101.3 | 105.3 | 105.1 | 105.1 | 101.8 | 102.6 | 92.9 | 105.2 |
| 1997 | 31     | 100.6 | 104.9 | 104.3 | 104.4 | 101.1 | 102.0 | 92.5 | 104.5 |
| 1998 | 38     | 100.8 | 105.1 | 104.3 | 104.6 | 101.3 | 102.0 | 93.2 | 104.7 |
| 1999 | 42     | 101.1 | 104.8 | 104.2 | 104.4 | 101.4 | 102.2 | 92.7 | 104.5 |
| 2000 | 33     | 101.0 | 104.6 | 103.9 | 104.2 | 101.2 | 101.6 | 92.5 | 104.2 |
| 2001 | 35     | 100.8 | 105.2 | 104.5 | 104.7 | 101.3 | 101.9 | 93.3 | 104.9 |
| 2002 | 48     | 100.9 | 105.2 | 104.5 | 104.8 | 101.5 | 102.0 | 93.3 | 104.9 |
| 2003 | 53     | 101.4 | 104.4 | 104.3 | 104.3 | 101.6 | 102.3 | 92.7 | 104.6 |
| 2004 | 64     | 101.1 | 104.4 | 103.8 | 104.1 | 101.2 | 102.1 | 93.0 | 104.2 |
| 2005 | 55     | 101.1 | 104.5 | 103.9 | 104.0 | 101.3 | 102.2 | 92.6 | 104.2 |
| 2006 | 68     | 101.3 | 104.0 | 103.8 | 103.8 | 101.3 | 102.2 | 93.0 | 104.0 |
| 2007 | 55     | 101.0 | 104.2 | 103.7 | 104.0 | 101.1 | 101.9 | 93.0 | 104.1 |
| 2008 | 59     | 101.3 | 104.2 | 103.9 | 103.9 | 101.3 | 101.9 | 93.1 | 104.1 |
| 2009 | 48     | 100.9 | 104.7 | 104.2 | 104.3 | 101.4 | 102.1 | 93.8 | 104.4 |
| 2010 | 35     | 100.6 | 104.9 | 103.8 | 104.3 | 101.0 | 101.8 | 93.7 | 104.3 |
| 2011 | 43     | 101.0 | 104.7 | 104.2 | 104.2 | 101.3 | 102.0 | 93.6 | 104.5 |
| 2012 | 51     | 100.4 | 105.5 | 104.4 | 104.9 | 101.2 | 101.9 | 94.6 | 105.0 |
| 2013 | 43     | 101.0 | 104.5 | 104.1 | 104.3 | 101.2 | 102.2 | 93.8 | 104.5 |
| 2014 | 33     | 100.2 | 104.8 | 103.7 | 104.2 | 100.7 | 101.7 | 94.2 | 104.2 |
| 2015 | 42     | 100.8 | 104.6 | 103.9 | 104.1 | 101.0 | 101.9 | 94.1 | 104.1 |

Tabel: 153 Rood Dubbeldoel: Gebruikskkenmerken

Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | MS   | Kar  | SCC  | SKM   | KM    |
|------|--------|------|------|------|-------|-------|
| 1986 | 11     | 95.6 | 0.0  | 96.8 | 101.1 | 103.5 |
| 1987 | 13     | 95.2 | 0.0  | 97.6 | 102.1 | 104.3 |
| 1988 | 20     | 94.7 | 4.9  | 97.1 | 101.5 | 103.3 |
| 1989 | 30     | 94.9 | 3.2  | 97.2 | 101.7 | 103.7 |
| 1990 | 34     | 94.7 | 0.0  | 96.7 | 101.1 | 102.7 |
| 1991 | 17     | 94.1 | 0.0  | 96.9 | 101.0 | 103.8 |
| 1992 | 10     | 94.6 | 0.0  | 96.5 | 101.1 | 102.5 |
| 1993 | 12     | 95.9 | 8.1  | 97.0 | 101.4 | 103.0 |
| 1994 | 16     | 94.1 | 73.6 | 96.7 | 101.3 | 103.3 |
| 1995 | 15     | 95.5 | 91.7 | 97.4 | 101.1 | 104.2 |
| 1998 | 12     | 95.8 | 72.8 | 96.7 | 100.4 | 103.2 |
| 1999 | 11     | 95.2 | 97.4 | 97.1 | 100.8 | 103.7 |
| 2001 | 10     | 94.7 | 98.1 | 97.4 | 100.9 | 103.0 |
| 2002 | 14     | 93.4 | 97.4 | 97.2 | 100.5 | 103.4 |

Tabel: 154 Rood Dubbeldoel: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B    | Gin  |
|------|--------|--------|--------|--------|-------|-------|-------|------|------|
| 1980 | 20     | -125.0 | -436.3 | 0.0    | 102.8 | 106.7 | 97.0  | 95.0 | 0.0  |
| 1981 | 13     | -136.6 | -446.3 | 0.0    | 102.5 | 106.4 | 96.0  | 91.0 | 0.0  |
| 1982 | 18     | -146.8 | -431.1 | -517.0 | 102.8 | 105.9 | 96.6  | 90.0 | 0.0  |
| 1983 | 46     | -135.6 | -449.8 | -140.0 | 103.5 | 107.0 | 96.1  | 89.6 | 0.0  |
| 1984 | 50     | -150.3 | -482.2 | 0.0    | 103.5 | 105.8 | 96.4  | 92.1 | 97.0 |
| 1985 | 63     | -158.4 | -506.8 | 0.0    | 103.7 | 105.7 | 96.6  | 92.0 | 0.0  |
| 1986 | 95     | -169.7 | -515.6 | 187.0  | 102.8 | 105.5 | 96.4  | 90.1 | 0.0  |
| 1987 | 139    | -155.2 | -502.4 | 59.5   | 103.8 | 105.5 | 96.7  | 90.6 | 0.0  |
| 1988 | 181    | -159.7 | -484.1 | 195.9  | 102.9 | 105.5 | 96.3  | 90.7 | 0.0  |
| 1989 | 173    | -164.7 | -480.3 | 146.9  | 103.2 | 106.0 | 96.3  | 90.2 | 0.0  |
| 1990 | 161    | -159.1 | -457.2 | 186.3  | 102.3 | 105.6 | 96.7  | 90.6 | 0.0  |
| 1991 | 129    | -146.7 | -447.1 | 93.5   | 102.9 | 105.6 | 96.8  | 90.7 | 0.0  |
| 1992 | 80     | -156.2 | -451.6 | 179.1  | 102.1 | 105.5 | 95.9  | 91.1 | 0.0  |
| 1993 | 67     | -149.2 | -432.7 | 200.0  | 102.5 | 105.2 | 96.1  | 90.2 | 0.0  |
| 1994 | 64     | -137.7 | -405.0 | 159.4  | 102.7 | 104.9 | 96.2  | 90.4 | 0.0  |
| 1995 | 58     | -143.9 | -415.6 | 43.6   | 103.2 | 105.3 | 95.8  | 90.7 | 0.0  |
| 1996 | 31     | -142.8 | -415.3 | 53.4   | 102.5 | 105.2 | 97.4  | 92.2 | 0.0  |
| 1997 | 29     | -135.8 | -411.9 | 189.4  | 102.9 | 104.5 | 96.9  | 92.8 | 0.0  |
| 1998 | 36     | -139.8 | -414.5 | 169.6  | 102.2 | 104.7 | 96.8  | 93.0 | 0.0  |
| 1999 | 37     | -130.0 | -401.5 | 144.5  | 102.7 | 104.5 | 97.0  | 92.5 | 0.0  |
| 2000 | 31     | -121.6 | -384.2 | 126.2  | 102.8 | 104.2 | 97.8  | 93.1 | 0.0  |
| 2001 | 32     | -117.6 | -367.8 | 165.4  | 102.5 | 104.9 | 97.5  | 92.4 | 0.0  |
| 2002 | 40     | -124.5 | -382.3 | 147.8  | 102.4 | 104.9 | 98.1  | 93.5 | 0.0  |
| 2003 | 43     | -119.0 | -379.6 | 180.3  | 102.0 | 104.6 | 97.5  | 93.5 | 0.0  |
| 2004 | 47     | -98.5  | -345.0 | 195.4  | 102.8 | 104.2 | 0.0   | 0.0  | 0.0  |
| 2005 | 36     | -112.4 | -366.3 | 199.5  | 101.7 | 104.2 | 0.0   | 0.0  | 0.0  |
| 2006 | 61     | -102.1 | -339.0 | 175.4  | 102.6 | 104.0 | 97.0  | 91.0 | 0.0  |
| 2007 | 42     | -89.5  | -362.5 | 224.8  | 102.8 | 104.1 | 0.0   | 0.0  | 0.0  |
| 2008 | 45     | -85.8  | -335.1 | 214.0  | 102.4 | 104.1 | 99.0  | 93.0 | 0.0  |
| 2009 | 30     | -107.7 | -384.6 | 217.8  | 101.7 | 104.4 | 0.0   | 0.0  | 0.0  |
| 2010 | 28     | -86.9  | -342.8 | 223.4  | 103.3 | 104.3 | 100.0 | 92.0 | 0.0  |
| 2011 | 27     | -75.4  | -328.1 | 224.0  | 102.1 | 104.5 | 0.0   | 0.0  | 0.0  |
| 2012 | 32     | -78.5  | -361.0 | 157.4  | 102.3 | 105.0 | 102.0 | 95.0 | 0.0  |
| 2013 | 25     | -67.2  | -349.2 | 218.0  | 103.8 | 104.5 | 0.0   | 0.0  | 0.0  |
| 2014 | 19     | -68.4  | -326.9 | 206.4  | 103.2 | 104.2 | 0.0   | 0.0  | 0.0  |
| 2015 | 26     | -72.5  | -324.0 | 200.8  | 102.6 | 104.1 | 0.0   | 0.0  | 0.0  |



Tabel: 155 Rood Dubbeldoel: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Geb  | DDt   | DGw   | Afk   | MDt  | MGw   |
|------|--------|------|-------|-------|-------|------|-------|
| 1983 | 19     | 74.2 | 107.9 | 129.9 | 58.0  | 49.0 | 52.2  |
| 1984 | 28     | 76.4 | 106.2 | 127.8 | 43.0  | 36.9 | 38.4  |
| 1985 | 32     | 75.5 | 107.2 | 128.6 | 76.0  | 64.3 | 67.3  |
| 1986 | 45     | 75.7 | 108.0 | 128.2 | 90.1  | 77.1 | 81.9  |
| 1987 | 76     | 75.1 | 107.1 | 128.9 | 95.4  | 80.5 | 84.5  |
| 1988 | 117    | 76.3 | 108.6 | 127.3 | 89.0  | 75.2 | 78.3  |
| 1989 | 102    | 75.4 | 107.2 | 128.9 | 85.0  | 71.7 | 75.9  |
| 1990 | 112    | 77.7 | 107.7 | 126.0 | 79.2  | 67.1 | 71.7  |
| 1991 | 70     | 81.2 | 106.3 | 122.5 | 85.9  | 73.7 | 77.5  |
| 1992 | 56     | 80.2 | 106.8 | 124.0 | 70.0  | 60.0 | 64.9  |
| 1993 | 43     | 76.4 | 107.3 | 127.4 | 63.0  | 54.7 | 58.6  |
| 1994 | 22     | 79.0 | 106.5 | 124.4 | 88.0  | 77.6 | 82.8  |
| 1995 | 16     | 80.2 | 105.8 | 123.7 | 95.2  | 81.9 | 85.4  |
| 1996 | 10     | 78.2 | 106.6 | 125.9 | 109.1 | 92.8 | 98.0  |
| 1998 | 16     | 78.9 | 105.4 | 124.8 | 81.4  | 69.8 | 74.6  |
| 1999 | 22     | 80.4 | 105.7 | 123.4 | 93.8  | 80.6 | 86.3  |
| 2000 | 14     | 77.5 | 106.4 | 126.3 | 100.1 | 87.4 | 93.4  |
| 2001 | 20     | 80.5 | 105.8 | 123.4 | 98.5  | 84.7 | 88.8  |
| 2002 | 28     | 80.0 | 104.3 | 123.8 | 105.0 | 90.0 | 95.6  |
| 2003 | 19     | 79.7 | 105.8 | 124.3 | 96.8  | 83.7 | 87.8  |
| 2004 | 34     | 80.3 | 104.8 | 123.7 | 99.0  | 85.3 | 89.3  |
| 2005 | 13     | 78.9 | 106.2 | 125.1 | 74.8  | 64.8 | 68.6  |
| 2006 | 29     | 80.1 | 106.0 | 123.9 | 104.5 | 89.6 | 95.2  |
| 2007 | 34     | 82.2 | 105.4 | 122.0 | 107.5 | 93.9 | 100.4 |
| 2008 | 31     | 82.2 | 105.0 | 121.9 | 107.4 | 93.2 | 100.6 |
| 2009 | 35     | 82.0 | 105.5 | 122.0 | 101.3 | 87.9 | 94.8  |
| 2010 | 28     | 82.2 | 106.5 | 122.0 | 107.5 | 93.1 | 102.1 |
| 2011 | 25     | 82.6 | 105.4 | 121.6 | 108.0 | 93.3 | 100.3 |
| 2012 | 30     | 82.6 | 106.1 | 121.3 | 103.5 | 90.5 | 97.4  |
| 2013 | 30     | 85.0 | 105.0 | 118.9 | 108.2 | 92.4 | 98.2  |
| 2014 | 23     | 82.5 | 105.4 | 121.7 | 103.3 | 89.3 | 95.2  |
| 2015 | 41     | 83.2 | 105.0 | 121.0 | 102.7 | 88.3 | 93.9  |
| 2016 | 26     | 83.9 | 103.9 | 120.0 | 87.7  | 75.0 | 79.0  |
| 2017 | 32     | 82.2 | 105.5 | 122.0 | 70.7  | 61.1 | 64.8  |
| 2018 | 19     | 82.9 | 105.3 | 121.5 | 68.3  | 58.8 | 62.7  |

Tabel: 156 Rood Dubbeldoel: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2007 | 14     | 104.7 | 109.5 | 98.6  | 106.9 | 103.1 | 105.2 | 104.2 | 101.6 | 102.6 | 108.4 | 97.0  |
| 2008 | 28     | 103.7 | 109.7 | 97.9  | 107.2 | 102.1 | 105.7 | 103.2 | 100.9 | 102.9 | 107.5 | 97.8  |
| 2009 | 28     | 103.7 | 110.1 | 98.2  | 107.3 | 102.6 | 106.1 | 103.3 | 100.8 | 103.2 | 107.9 | 97.4  |
| 2010 | 12     | 105.1 | 109.2 | 99.1  | 106.9 | 102.9 | 105.2 | 104.8 | 102.0 | 102.7 | 108.6 | 96.9  |
| 2011 | 11     | 104.5 | 110.4 | 98.5  | 107.6 | 103.5 | 105.7 | 104.1 | 100.6 | 103.8 | 107.7 | 98.4  |
| 2012 | 10     | 105.2 | 111.9 | 96.1  | 110.6 | 103.4 | 105.8 | 105.1 | 100.4 | 104.1 | 107.2 | 100.1 |

Tabel: 157 Rood Dubbeldoel: Levensproductiekenmerken  
 Basis: Dubbeldoel

Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2001 | 24     | -995.3  | -2363.0 | -174.2 | -145.8 |
| 2002 | 33     | -1137.6 | -2887.9 | -205.9 | -161.8 |
| 2003 | 34     | -1002.3 | -2198.3 | -186.4 | -140.8 |
| 2004 | 42     | -759.2  | -928.4  | -138.1 | -111.0 |
| 2005 | 27     | -836.0  | -1579.3 | -149.5 | -121.6 |
| 2006 | 47     | -807.1  | -1108.8 | -145.4 | -118.2 |
| 2007 | 33     | -607.3  | -205.9  | -115.0 | -88.4  |
| 2008 | 39     | -572.8  | -121.4  | -106.7 | -84.7  |
| 2009 | 26     | -800.3  | -1125.8 | -156.2 | -111.2 |
| 2010 | 26     | -550.4  | 34.6    | -100.2 | -83.1  |
| 2011 | 21     | -534.5  | 132.7   | -108.0 | -75.5  |
| 2012 | 28     | -956.2  | -1842.5 | -183.0 | -132.7 |
| 2013 | 21     | -647.2  | -880.3  | -111.4 | -97.5  |
| 2014 | 17     | -536.8  | -194.8  | -94.0  | -82.1  |
| 2015 | 20     | -611.0  | -200.6  | -120.7 | -86.4  |

Tabel: 158 Rood Dubbeldoel: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew  |
|------|--------|-------|------|--------|-------|--------|------|
| 1980 | 21     | 100.0 | 94.8 | 0      | 0.0   | 0      | 0.0  |
| 1981 | 16     | 100.2 | 94.8 | 0      | 0.0   | 0      | 0.0  |
| 1982 | 18     | 99.7  | 95.8 | 0      | 0.0   | 0      | 0.0  |
| 1983 | 47     | 100.1 | 94.9 | 0      | 0.0   | 0      | 0.0  |
| 1984 | 51     | 99.2  | 95.4 | 0      | 0.0   | 0      | 0.0  |
| 1985 | 63     | 99.8  | 95.8 | 63     | -4.5  | 0      | 0.0  |
| 1986 | 95     | 99.4  | 95.2 | 95     | -4.7  | 0      | 0.0  |
| 1987 | 139    | 99.1  | 95.0 | 139    | -4.3  | 0      | 0.0  |
| 1988 | 181    | 98.8  | 95.2 | 181    | -4.3  | 0      | 0.0  |
| 1989 | 173    | 99.8  | 96.0 | 173    | -4.3  | 0      | 0.0  |
| 1990 | 162    | 99.8  | 96.3 | 162    | -4.2  | 0      | 0.0  |
| 1991 | 129    | 98.8  | 96.3 | 129    | -4.0  | 0      | 0.0  |
| 1992 | 80     | 100.1 | 97.2 | 80     | -4.0  | 0      | 0.0  |
| 1993 | 67     | 99.3  | 97.0 | 69     | -4.0  | 0      | 0.0  |
| 1994 | 64     | 99.7  | 96.1 | 64     | -3.6  | 0      | 0.0  |
| 1995 | 58     | 99.1  | 95.0 | 58     | -3.7  | 0      | 0.0  |
| 1996 | 31     | 98.5  | 95.2 | 31     | -3.7  | 0      | 0.0  |
| 1997 | 29     | 100.1 | 95.7 | 29     | -3.8  | 0      | 0.0  |
| 1998 | 36     | 99.4  | 96.4 | 36     | -3.8  | 0      | 0.0  |
| 1999 | 37     | 99.9  | 96.4 | 37     | -3.6  | 0      | 0.0  |
| 2000 | 31     | 100.0 | 95.9 | 31     | -3.4  | 0      | 0.0  |
| 2001 | 32     | 100.8 | 95.7 | 32     | -3.4  | 10     | 93.6 |
| 2002 | 40     | 100.4 | 96.6 | 40     | -3.5  | 11     | 93.3 |
| 2003 | 43     | 100.1 | 95.7 | 43     | -3.5  | 2      | 91.0 |
| 2004 | 47     | 100.2 | 96.1 | 47     | -3.0  | 0      | 0.0  |
| 2005 | 36     | 100.6 | 96.5 | 36     | -3.3  | 0      | 0.0  |
| 2006 | 61     | 100.8 | 96.2 | 61     | -3.1  | 1      | 95.0 |
| 2007 | 42     | 101.5 | 96.4 | 42     | -3.1  | 0      | 0.0  |
| 2008 | 45     | 101.2 | 97.2 | 45     | -3.1  | 1      | 94.0 |
| 2009 | 30     | 101.1 | 96.9 | 30     | -3.5  | 0      | 0.0  |
| 2010 | 28     | 101.8 | 96.1 | 28     | -3.1  | 0      | 0.0  |
| 2011 | 27     | 101.6 | 97.7 | 27     | -2.6  | 0      | 0.0  |
| 2012 | 32     | 101.5 | 97.8 | 32     | -2.9  | 1      | 93.0 |
| 2013 | 25     | 101.2 | 97.0 | 25     | -2.7  | 0      | 0.0  |
| 2014 | 19     | 101.3 | 97.4 | 19     | -2.7  | 0      | 0.0  |
| 2015 | 26     | 101.0 | 97.2 | 26     | -2.7  | 0      | 0.0  |

Tabel: 159 Witrood: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V    | %E    | %L    | INET   |
|------|--------|---------|-------|-------|-------|-------|-------|-------|--------|
| 1980 | 593    | -1439.8 | -64.8 | -58.8 | -75.3 | -1.1  | -11.2 | -18.3 | -399.7 |
| 1981 | 651    | -1550.4 | -70.0 | -62.5 | -80.3 | -1.8  | -10.7 | -18.6 | -427.2 |
| 1982 | 685    | -1520.1 | -68.0 | -61.9 | -79.0 | -0.1  | -11.8 | -18.5 | -420.4 |
| 1983 | 500    | -1564.5 | -69.5 | -64.8 | -81.0 | 0.7   | -14.4 | -18.6 | -436.0 |
| 1984 | 492    | -1632.7 | -73.5 | -67.0 | -84.1 | -0.9  | -13.9 | -18.8 | -454.2 |
| 1985 | 777    | -1582.5 | -72.7 | -64.6 | -81.8 | -3.8  | -12.4 | -18.7 | -442.2 |
| 1986 | 1200   | -1612.9 | -72.8 | -65.0 | -83.2 | -1.2  | -10.9 | -18.8 | -444.4 |
| 1987 | 2324   | -1571.2 | -70.5 | -63.7 | -81.3 | -0.3  | -11.1 | -18.7 | -433.4 |
| 1988 | 3293   | -1514.0 | -68.9 | -62.3 | -78.7 | -2.0  | -12.5 | -18.5 | -423.9 |
| 1989 | 3395   | -1634.5 | -72.4 | -65.4 | -84.2 | 2.1   | -9.7  | -18.9 | -445.5 |
| 1990 | 3794   | -1518.9 | -68.7 | -62.6 | -78.9 | -0.7  | -12.5 | -18.6 | -424.7 |
| 1991 | 4290   | -1431.6 | -65.5 | -59.4 | -74.9 | -2.4  | -12.4 | -18.3 | -403.6 |
| 1992 | 4192   | -1378.4 | -64.2 | -58.2 | -72.5 | -4.6  | -13.8 | -18.1 | -395.0 |
| 1993 | 4077   | -1287.9 | -61.4 | -55.4 | -68.4 | -6.8  | -14.7 | -17.9 | -376.5 |
| 1994 | 3695   | -1267.8 | -59.0 | -54.1 | -67.4 | -4.2  | -13.7 | -17.8 | -366.2 |
| 1995 | 2870   | -1126.8 | -52.8 | -49.8 | -61.0 | -4.2  | -15.1 | -17.5 | -333.6 |
| 1996 | 1222   | -1109.4 | -52.6 | -49.3 | -60.2 | -5.2  | -15.2 | -17.4 | -330.5 |
| 1997 | 569    | -1015.8 | -51.4 | -46.2 | -56.0 | -10.2 | -15.5 | -17.3 | -314.1 |
| 1998 | 403    | -973.0  | -48.2 | -45.0 | -54.0 | -8.2  | -16.2 | -17.1 | -302.0 |
| 1999 | 359    | -863.9  | -45.1 | -41.6 | -49.0 | -11.1 | -17.2 | -16.8 | -280.2 |
| 2000 | 304    | -830.3  | -44.5 | -41.1 | -47.5 | -12.6 | -18.2 | -16.8 | -276.1 |
| 2001 | 292    | -709.0  | -40.6 | -37.7 | -41.8 | -14.7 | -19.8 | -16.3 | -252.5 |
| 2002 | 226    | -780.6  | -42.4 | -39.3 | -42.2 | -12.5 | -18.2 | -11.2 | -263.1 |
| 2003 | 169    | -689.5  | -42.6 | -37.3 | -28.2 | -19.8 | -20.1 | 6.7   | -250.8 |
| 2004 | 209    | -742.4  | -42.7 | -37.8 | -31.1 | -16.0 | -17.8 | 5.9   | -254.1 |
| 2005 | 241    | -783.8  | -46.3 | -39.1 | -33.8 | -19.2 | -17.5 | 4.3   | -267.9 |
| 2006 | 246    | -695.2  | -42.4 | -36.2 | -30.2 | -18.8 | -17.7 | 3.3   | -246.8 |
| 2007 | 252    | -675.9  | -44.6 | -36.3 | -29.5 | -24.2 | -19.1 | 3.0   | -251.2 |
| 2008 | 235    | -669.3  | -44.2 | -36.3 | -29.2 | -24.1 | -19.4 | 3.1   | -250.2 |
| 2009 | 251    | -579.8  | -40.5 | -32.5 | -27.7 | -24.7 | -18.7 | -1.4  | -226.8 |
| 2010 | 235    | -553.6  | -40.5 | -31.5 | -27.3 | -26.5 | -18.5 | -2.9  | -222.5 |
| 2011 | 239    | -638.9  | -42.7 | -34.2 | -29.5 | -24.4 | -18.0 | 0.1   | -239.0 |
| 2012 | 243    | -609.1  | -40.6 | -32.9 | -27.1 | -22.7 | -17.4 | 1.9   | -228.5 |
| 2013 | 260    | -656.3  | -42.6 | -34.9 | -29.6 | -22.8 | -18.3 | 1.4   | -241.4 |
| 2014 | 262    | -581.9  | -41.4 | -33.1 | -25.6 | -26.3 | -19.3 | 2.2   | -230.3 |
| 2015 | 198    | -603.5  | -41.9 | -33.9 | -24.7 | -25.5 | -19.7 | 5.5   | -234.6 |
| 2016 | 27     | -678.0  | -43.1 | -36.4 | -27.9 | -22.0 | -19.5 | 5.8   | -248.3 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 160 Witrood: Exterieurkenmerken bouw  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | H    | VH   | IH   | OH    | CS   | KL   | KB   |
|------|--------|------|------|------|-------|------|------|------|
| 1980 | 45     | 92.8 | 93.6 | 96.8 | 100.9 | 91.2 | 89.0 | 96.3 |
| 1981 | 91     | 93.0 | 92.1 | 94.7 | 99.7  | 91.8 | 90.3 | 95.1 |
| 1982 | 136    | 94.1 | 91.5 | 94.4 | 100.3 | 91.8 | 90.8 | 94.1 |
| 1983 | 108    | 93.8 | 93.2 | 95.0 | 100.0 | 93.8 | 89.4 | 95.0 |
| 1984 | 101    | 96.6 | 94.8 | 96.5 | 102.0 | 95.2 | 92.6 | 98.1 |
| 1985 | 214    | 96.5 | 95.1 | 96.2 | 101.4 | 95.8 | 92.1 | 98.2 |
| 1986 | 287    | 97.2 | 96.0 | 97.0 | 102.2 | 96.7 | 92.7 | 99.1 |
| 1987 | 482    | 97.0 | 96.2 | 97.1 | 102.3 | 96.7 | 93.2 | 99.5 |

|      |      |       |      |       |       |      |      |       |
|------|------|-------|------|-------|-------|------|------|-------|
| 1988 | 660  | 96.6  | 95.9 | 96.8  | 102.0 | 96.7 | 93.1 | 98.8  |
| 1989 | 768  | 97.0  | 96.0 | 96.9  | 102.0 | 96.9 | 93.0 | 99.0  |
| 1990 | 1125 | 97.8  | 96.5 | 97.0  | 102.4 | 97.6 | 93.5 | 99.0  |
| 1991 | 1306 | 97.9  | 96.6 | 96.9  | 102.5 | 97.8 | 94.1 | 99.2  |
| 1992 | 1329 | 98.0  | 96.6 | 97.2  | 102.5 | 97.8 | 93.7 | 99.5  |
| 1993 | 1332 | 97.9  | 96.8 | 97.3  | 102.6 | 98.1 | 93.5 | 99.5  |
| 1994 | 1105 | 98.5  | 97.5 | 97.8  | 103.2 | 98.7 | 94.0 | 100.3 |
| 1995 | 771  | 99.2  | 97.3 | 97.9  | 103.5 | 98.5 | 94.1 | 100.4 |
| 1996 | 247  | 98.8  | 98.2 | 98.3  | 103.4 | 99.5 | 93.8 | 100.6 |
| 1997 | 102  | 99.0  | 97.2 | 98.7  | 103.9 | 98.1 | 93.4 | 100.8 |
| 1998 | 43   | 99.3  | 98.3 | 98.5  | 104.1 | 99.5 | 94.6 | 100.9 |
| 1999 | 26   | 98.9  | 97.0 | 97.4  | 103.7 | 98.8 | 94.6 | 100.1 |
| 2000 | 24   | 99.5  | 97.1 | 98.4  | 104.3 | 98.9 | 94.4 | 100.6 |
| 2001 | 19   | 101.7 | 98.2 | 100.7 | 106.5 | 98.3 | 94.5 | 101.7 |
| 2005 | 11   | 102.5 | 98.2 | 100.6 | 106.2 | 98.7 | 94.5 | 102.7 |
| 2006 | 12   | 103.0 | 98.0 | 101.0 | 106.7 | 98.2 | 94.6 | 102.9 |

Tabel: 161 Witrood: Exterieurkenmerken beenwerk  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | BA   | BZ    | KH   | BG   |
|------|--------|------|-------|------|------|
| 1980 | 45     | 90.8 | 96.8  | 88.3 | 88.8 |
| 1981 | 91     | 92.9 | 99.0  | 90.2 | 90.6 |
| 1982 | 136    | 92.5 | 99.6  | 89.0 | 89.8 |
| 1983 | 108    | 93.6 | 99.4  | 89.8 | 90.8 |
| 1984 | 101    | 94.7 | 100.2 | 92.2 | 92.1 |
| 1985 | 214    | 95.3 | 101.5 | 92.5 | 92.5 |
| 1986 | 287    | 96.1 | 101.6 | 93.1 | 93.2 |
| 1987 | 482    | 95.8 | 101.1 | 94.1 | 93.0 |
| 1988 | 660    | 95.4 | 101.7 | 93.6 | 92.6 |
| 1989 | 768    | 95.4 | 101.9 | 93.2 | 92.6 |
| 1990 | 1125   | 95.7 | 101.7 | 94.7 | 92.6 |
| 1991 | 1306   | 95.9 | 101.5 | 94.8 | 92.8 |
| 1992 | 1329   | 95.9 | 102.1 | 94.2 | 93.0 |
| 1993 | 1332   | 95.8 | 102.7 | 93.9 | 92.7 |
| 1994 | 1105   | 96.1 | 102.7 | 94.5 | 93.0 |
| 1995 | 771    | 96.2 | 102.2 | 95.0 | 93.4 |
| 1996 | 247    | 95.9 | 103.1 | 94.8 | 93.0 |
| 1997 | 102    | 95.6 | 104.5 | 93.2 | 92.6 |
| 1998 | 43     | 95.8 | 104.2 | 93.7 | 92.7 |
| 1999 | 26     | 95.8 | 103.3 | 94.2 | 93.0 |
| 2000 | 24     | 96.0 | 104.4 | 93.4 | 93.2 |
| 2001 | 19     | 97.2 | 103.1 | 95.0 | 94.1 |
| 2005 | 11     | 97.7 | 103.7 | 95.4 | 95.3 |
| 2006 | 12     | 97.2 | 104.2 | 94.8 | 94.8 |

Tabel: 162 Witrood: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | VA   | VP   | SL    | UD   | AH   | OB   | AP   |
|------|--------|------|------|-------|------|------|------|------|
| 1980 | 45     | 96.3 | 92.2 | 97.3  | 98.4 | 92.4 | 93.8 | 92.0 |
| 1981 | 91     | 95.7 | 92.3 | 99.3  | 96.7 | 92.7 | 91.3 | 91.1 |
| 1982 | 136    | 97.1 | 93.5 | 97.8  | 99.4 | 93.7 | 94.1 | 93.8 |
| 1983 | 108    | 96.1 | 93.1 | 97.7  | 98.3 | 92.8 | 93.1 | 93.0 |
| 1984 | 101    | 97.1 | 94.0 | 99.4  | 99.8 | 92.9 | 93.4 | 93.6 |
| 1985 | 214    | 96.9 | 94.1 | 100.0 | 99.9 | 92.5 | 93.5 | 93.9 |

|      |      |      |      |       |       |      |      |      |
|------|------|------|------|-------|-------|------|------|------|
| 1986 | 287  | 98.0 | 93.9 | 101.2 | 100.6 | 93.1 | 93.1 | 93.5 |
| 1987 | 482  | 97.7 | 93.5 | 101.2 | 100.5 | 93.1 | 92.9 | 93.2 |
| 1988 | 660  | 97.4 | 93.9 | 101.6 | 99.9  | 93.3 | 93.1 | 93.6 |
| 1989 | 768  | 97.6 | 93.5 | 101.9 | 100.3 | 93.2 | 93.0 | 93.2 |
| 1990 | 1125 | 97.6 | 93.4 | 101.5 | 100.8 | 92.9 | 93.2 | 93.7 |
| 1991 | 1306 | 97.5 | 93.5 | 100.8 | 101.2 | 92.7 | 93.2 | 93.6 |
| 1992 | 1329 | 97.4 | 93.9 | 101.2 | 100.8 | 92.6 | 93.3 | 93.8 |
| 1993 | 1332 | 97.7 | 94.1 | 101.0 | 100.3 | 92.8 | 93.6 | 94.0 |
| 1994 | 1105 | 98.5 | 94.2 | 101.0 | 101.2 | 92.8 | 93.2 | 93.8 |
| 1995 | 771  | 98.4 | 94.3 | 101.0 | 101.6 | 93.1 | 93.1 | 94.0 |
| 1996 | 247  | 98.3 | 93.9 | 101.4 | 101.2 | 92.8 | 93.0 | 93.7 |
| 1997 | 102  | 98.1 | 94.1 | 102.1 | 100.1 | 94.4 | 93.3 | 93.9 |
| 1998 | 43   | 98.2 | 94.7 | 100.6 | 100.7 | 92.0 | 92.7 | 94.1 |
| 1999 | 26   | 98.7 | 95.1 | 101.0 | 101.1 | 93.6 | 93.9 | 95.3 |
| 2000 | 24   | 98.3 | 95.3 | 101.6 | 100.6 | 94.3 | 93.6 | 95.2 |
| 2001 | 19   | 98.6 | 95.6 | 101.0 | 101.8 | 93.6 | 94.1 | 94.8 |
| 2005 | 11   | 98.0 | 95.9 | 100.9 | 101.6 | 93.1 | 95.1 | 96.7 |
| 2006 | 12   | 99.4 | 96.5 | 100.6 | 103.1 | 94.0 | 94.6 | 96.0 |

Tabel: 163 Witrood: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | F    | T     | U    | B    | Bs    | Ext  |
|------|--------|------|-------|------|------|-------|------|
| 1980 | 45     | 89.1 | 93.5  | 94.8 | 86.1 | 96.6  | 85.6 |
| 1981 | 91     | 87.9 | 92.0  | 93.5 | 89.0 | 96.6  | 85.9 |
| 1982 | 136    | 87.4 | 91.8  | 95.7 | 88.2 | 95.4  | 86.4 |
| 1983 | 108    | 87.8 | 93.8  | 94.5 | 89.2 | 97.2  | 86.8 |
| 1984 | 101    | 92.2 | 97.5  | 95.4 | 91.2 | 98.3  | 90.2 |
| 1985 | 214    | 92.0 | 97.5  | 95.3 | 91.6 | 98.9  | 90.3 |
| 1986 | 287    | 93.4 | 99.3  | 96.1 | 92.5 | 99.5  | 91.9 |
| 1987 | 482    | 93.9 | 99.5  | 96.0 | 92.4 | 99.5  | 91.9 |
| 1988 | 660    | 93.3 | 99.0  | 95.7 | 91.9 | 99.6  | 91.2 |
| 1989 | 768    | 93.4 | 99.1  | 95.9 | 91.8 | 99.8  | 91.3 |
| 1990 | 1125   | 93.9 | 99.9  | 95.9 | 92.1 | 100.1 | 91.8 |
| 1991 | 1306   | 94.3 | 100.1 | 95.9 | 92.3 | 100.0 | 92.1 |
| 1992 | 1329   | 94.3 | 100.2 | 95.8 | 92.3 | 100.2 | 92.0 |
| 1993 | 1332   | 94.3 | 100.5 | 95.8 | 92.1 | 100.3 | 91.9 |
| 1994 | 1105   | 95.4 | 101.7 | 96.4 | 92.5 | 100.5 | 93.0 |
| 1995 | 771    | 95.5 | 101.7 | 96.5 | 92.9 | 100.1 | 93.3 |
| 1996 | 247    | 95.8 | 102.5 | 96.3 | 92.5 | 101.0 | 93.2 |
| 1997 | 102    | 95.6 | 101.9 | 96.4 | 91.4 | 99.9  | 92.5 |
| 1998 | 43     | 96.5 | 103.1 | 95.7 | 91.9 | 100.7 | 92.9 |
| 1999 | 26     | 95.4 | 101.8 | 96.6 | 92.3 | 99.7  | 93.0 |
| 2000 | 24     | 95.8 | 102.3 | 96.5 | 92.3 | 100.0 | 93.2 |
| 2001 | 19     | 97.5 | 103.8 | 97.1 | 93.5 | 99.7  | 94.8 |
| 2005 | 11     | 98.3 | 104.1 | 96.5 | 94.7 | 100.2 | 95.3 |
| 2006 | 12     | 97.8 | 104.1 | 97.9 | 93.9 | 99.6  | 95.7 |

Tabel: 164 Witrood: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 2142   | 101.9 | 105.7 | 107.6 | 106.6 | 102.8 | 104.4 | 95.4 | 107.4 |
| 1981 | 2086   | 102.6 | 105.0 | 107.1 | 106.1 | 102.6 | 105.3 | 94.0 | 106.8 |
| 1982 | 1821   | 103.8 | 104.2 | 106.8 | 105.9 | 103.1 | 105.1 | 92.4 | 106.6 |
| 1983 | 1161   | 103.3 | 104.8 | 106.8 | 106.3 | 103.0 | 105.5 | 93.7 | 106.8 |

|      |      |       |       |       |       |       |       |      |       |
|------|------|-------|-------|-------|-------|-------|-------|------|-------|
| 1984 | 1019 | 103.7 | 105.2 | 106.8 | 106.7 | 103.3 | 106.2 | 93.9 | 106.9 |
| 1985 | 1402 | 103.7 | 105.0 | 106.5 | 106.4 | 103.2 | 105.8 | 93.3 | 106.7 |
| 1986 | 1802 | 104.0 | 104.8 | 106.4 | 106.3 | 103.3 | 105.9 | 93.1 | 106.6 |
| 1987 | 2734 | 103.9 | 104.9 | 106.3 | 106.4 | 103.3 | 105.5 | 93.4 | 106.6 |
| 1988 | 3375 | 103.8 | 104.5 | 106.0 | 105.9 | 103.1 | 105.3 | 93.2 | 106.2 |
| 1989 | 3481 | 103.6 | 104.6 | 106.0 | 106.0 | 102.9 | 105.2 | 93.1 | 106.2 |
| 1990 | 3884 | 103.8 | 104.7 | 106.1 | 106.2 | 103.2 | 105.2 | 93.2 | 106.4 |
| 1991 | 4370 | 104.1 | 104.7 | 106.2 | 106.4 | 103.5 | 105.5 | 93.6 | 106.6 |
| 1992 | 4242 | 103.9 | 104.6 | 106.0 | 106.1 | 103.3 | 105.5 | 93.8 | 106.3 |
| 1993 | 4160 | 104.0 | 104.2 | 105.9 | 105.8 | 103.3 | 105.4 | 93.5 | 106.1 |
| 1994 | 3782 | 104.0 | 104.3 | 105.7 | 105.8 | 103.2 | 105.2 | 93.7 | 106.0 |
| 1995 | 2930 | 103.7 | 104.3 | 105.5 | 105.6 | 103.2 | 105.0 | 94.1 | 105.8 |
| 1996 | 1255 | 103.4 | 104.1 | 105.2 | 105.5 | 102.9 | 104.8 | 94.1 | 105.6 |
| 1997 | 581  | 102.7 | 104.0 | 104.7 | 105.0 | 102.3 | 104.3 | 94.4 | 105.1 |
| 1998 | 414  | 103.2 | 103.9 | 104.9 | 105.1 | 102.7 | 104.7 | 94.3 | 105.2 |
| 1999 | 364  | 103.2 | 104.0 | 104.9 | 105.2 | 102.8 | 104.8 | 94.7 | 105.3 |
| 2000 | 317  | 103.3 | 104.1 | 104.9 | 105.4 | 102.9 | 104.9 | 94.8 | 105.4 |
| 2001 | 308  | 103.3 | 104.0 | 105.0 | 105.3 | 103.1 | 105.0 | 95.2 | 105.4 |
| 2002 | 240  | 103.3 | 103.9 | 104.8 | 105.2 | 102.9 | 104.9 | 95.1 | 105.2 |
| 2003 | 186  | 103.0 | 104.0 | 104.6 | 105.1 | 102.8 | 104.6 | 95.3 | 105.1 |
| 2004 | 232  | 103.2 | 103.7 | 104.6 | 104.9 | 102.8 | 104.6 | 95.3 | 105.0 |
| 2005 | 270  | 103.1 | 103.5 | 104.3 | 104.6 | 102.7 | 104.6 | 95.3 | 104.7 |
| 2006 | 289  | 102.7 | 103.4 | 104.0 | 104.5 | 102.4 | 104.4 | 95.5 | 104.5 |
| 2007 | 313  | 103.2 | 103.0 | 104.2 | 104.3 | 102.6 | 104.3 | 94.8 | 104.5 |
| 2008 | 307  | 103.3 | 102.4 | 103.9 | 103.6 | 102.3 | 104.0 | 93.8 | 104.0 |
| 2009 | 342  | 102.8 | 102.1 | 103.4 | 103.2 | 102.0 | 103.6 | 94.1 | 103.5 |
| 2010 | 334  | 103.1 | 101.9 | 103.6 | 103.2 | 102.3 | 104.0 | 94.3 | 103.6 |
| 2011 | 352  | 103.2 | 101.7 | 103.4 | 102.9 | 102.1 | 103.8 | 93.8 | 103.4 |
| 2012 | 359  | 103.2 | 102.0 | 103.6 | 103.3 | 102.3 | 103.9 | 94.0 | 103.7 |
| 2013 | 369  | 103.2 | 102.2 | 103.8 | 103.5 | 102.3 | 104.0 | 94.2 | 103.9 |
| 2014 | 338  | 103.0 | 102.3 | 103.7 | 103.5 | 102.3 | 104.2 | 94.8 | 103.8 |
| 2015 | 239  | 103.0 | 102.6 | 103.8 | 103.8 | 102.4 | 104.2 | 95.0 | 104.1 |
| 2016 | 28   | 103.2 | 102.7 | 103.9 | 104.0 | 102.5 | 104.3 | 95.1 | 104.2 |

Tabel: 165 Witrood: Gebruikskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | MS   | Kar   | SCC  | SKM   | KM    |
|------|--------|------|-------|------|-------|-------|
| 1980 | 25     | 94.7 | 0.0   | 98.5 | 102.5 | 104.3 |
| 1981 | 97     | 94.4 | 3.2   | 96.2 | 100.8 | 102.8 |
| 1982 | 144    | 95.9 | 1.4   | 98.3 | 103.3 | 105.0 |
| 1983 | 108    | 94.4 | 1.9   | 98.8 | 104.1 | 105.9 |
| 1984 | 88     | 94.9 | 12.6  | 98.0 | 102.4 | 105.0 |
| 1985 | 195    | 94.7 | 38.1  | 97.9 | 102.1 | 105.1 |
| 1986 | 271    | 95.8 | 33.8  | 97.4 | 101.4 | 104.7 |
| 1987 | 474    | 95.8 | 52.0  | 97.1 | 101.1 | 104.4 |
| 1988 | 664    | 94.8 | 44.4  | 97.0 | 100.9 | 104.3 |
| 1989 | 754    | 95.1 | 39.3  | 96.8 | 100.9 | 104.4 |
| 1990 | 1112   | 95.2 | 55.4  | 97.3 | 101.3 | 104.5 |
| 1991 | 1296   | 96.2 | 65.2  | 97.4 | 101.4 | 104.3 |
| 1992 | 1291   | 95.7 | 66.5  | 97.5 | 101.5 | 104.5 |
| 1993 | 1251   | 96.0 | 66.1  | 97.0 | 101.0 | 104.1 |
| 1994 | 1044   | 96.8 | 89.0  | 97.2 | 100.9 | 104.0 |
| 1995 | 746    | 97.0 | 97.7  | 97.3 | 101.1 | 103.7 |
| 1996 | 235    | 96.1 | 94.1  | 97.3 | 101.0 | 103.7 |
| 1997 | 87     | 95.9 | 94.7  | 96.6 | 100.1 | 102.7 |
| 1998 | 36     | 97.0 | 98.8  | 96.7 | 100.6 | 102.7 |
| 1999 | 24     | 96.7 | 93.2  | 96.7 | 100.4 | 102.2 |
| 2000 | 23     | 95.3 | 101.2 | 96.9 | 100.6 | 102.9 |
| 2001 | 17     | 97.1 | 95.7  | 96.5 | 100.2 | 102.2 |

|      |    |      |       |      |      |       |
|------|----|------|-------|------|------|-------|
| 2005 | 11 | 98.0 | 102.3 | 96.6 | 99.7 | 102.1 |
| 2006 | 11 | 96.5 | 92.3  | 96.6 | 99.5 | 102.0 |

Tabel: 166 Witrood: NVI met onderliggende kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U    | B    | Gin   |
|------|--------|--------|--------|--------|-------|-------|------|------|-------|
| 1980 | 535    | -112.3 | -399.7 | 0.0    | 103.9 | 107.4 | 94.8 | 86.1 | 0.0   |
| 1981 | 607    | -143.6 | -427.2 | -419.0 | 102.2 | 106.8 | 93.5 | 89.0 | 0.0   |
| 1982 | 668    | -124.6 | -420.4 | -589.0 | 104.8 | 106.6 | 95.7 | 88.2 | 0.0   |
| 1983 | 499    | -116.7 | -436.0 | 0.0    | 105.7 | 106.8 | 94.5 | 89.2 | 0.0   |
| 1984 | 492    | -122.1 | -454.2 | -72.3  | 104.4 | 106.9 | 95.4 | 91.2 | 0.0   |
| 1985 | 777    | -132.8 | -442.2 | -49.3  | 104.3 | 106.7 | 95.3 | 91.6 | 98.0  |
| 1986 | 1199   | -129.3 | -444.4 | 148.4  | 103.7 | 106.6 | 96.1 | 92.5 | 0.0   |
| 1987 | 2324   | -135.0 | -433.4 | 123.8  | 103.4 | 106.6 | 96.0 | 92.4 | 0.0   |
| 1988 | 3293   | -143.8 | -423.9 | 180.8  | 103.2 | 106.2 | 95.7 | 91.9 | 0.0   |
| 1989 | 3395   | -149.1 | -445.5 | 209.9  | 103.3 | 106.2 | 95.9 | 91.8 | 0.0   |
| 1990 | 3794   | -141.5 | -424.7 | 177.2  | 103.5 | 106.4 | 95.9 | 92.1 | 98.0  |
| 1991 | 4290   | -133.0 | -403.6 | 205.2  | 103.4 | 106.6 | 95.9 | 92.3 | 101.0 |
| 1992 | 4192   | -130.5 | -395.0 | 203.8  | 103.6 | 106.3 | 95.8 | 92.3 | 100.5 |
| 1993 | 4077   | -130.0 | -376.5 | 193.9  | 103.1 | 106.1 | 95.8 | 92.1 | 99.0  |
| 1994 | 3695   | -120.8 | -366.2 | 195.9  | 103.0 | 106.0 | 96.4 | 92.5 | 0.0   |
| 1995 | 2870   | -106.3 | -333.6 | 205.7  | 102.9 | 105.8 | 96.5 | 92.9 | 0.0   |
| 1996 | 1222   | -108.4 | -330.5 | 188.2  | 102.8 | 105.6 | 96.3 | 92.5 | 0.0   |
| 1997 | 569    | -113.9 | -314.1 | 194.1  | 101.8 | 105.1 | 96.4 | 91.4 | 0.0   |
| 1998 | 403    | -102.2 | -302.0 | 187.8  | 102.0 | 105.2 | 95.7 | 91.9 | 0.0   |
| 1999 | 359    | -99.5  | -280.2 | 179.4  | 101.6 | 105.3 | 96.6 | 92.3 | 0.0   |
| 2000 | 304    | -89.6  | -276.1 | 177.7  | 102.1 | 105.4 | 96.5 | 92.3 | 0.0   |
| 2001 | 292    | -85.0  | -252.5 | 186.6  | 101.5 | 105.4 | 97.1 | 93.5 | 0.0   |
| 2002 | 226    | -89.9  | -263.1 | 198.7  | 101.1 | 105.2 | 96.6 | 94.3 | 0.0   |
| 2003 | 169    | -80.6  | -250.8 | 200.8  | 101.3 | 105.1 | 98.1 | 92.8 | 0.0   |
| 2004 | 209    | -80.9  | -254.1 | 184.8  | 101.3 | 105.0 | 97.3 | 94.0 | 0.0   |
| 2005 | 241    | -86.5  | -267.9 | 188.1  | 101.2 | 104.7 | 96.5 | 94.7 | 0.0   |
| 2006 | 246    | -81.8  | -246.8 | 188.1  | 101.1 | 104.5 | 97.9 | 93.9 | 0.0   |
| 2007 | 252    | -89.9  | -251.2 | 186.9  | 100.7 | 104.5 | 97.6 | 95.4 | 0.0   |
| 2008 | 235    | -86.4  | -250.2 | 175.5  | 101.0 | 104.0 | 98.3 | 92.0 | 0.0   |
| 2009 | 251    | -71.4  | -226.8 | 197.6  | 101.2 | 103.5 | 98.2 | 92.7 | 0.0   |
| 2010 | 235    | -66.3  | -222.5 | 201.1  | 101.6 | 103.6 | 96.0 | 91.0 | 0.0   |
| 2011 | 239    | -74.1  | -239.0 | 195.4  | 101.8 | 103.4 | 97.2 | 93.6 | 0.0   |
| 2012 | 243    | -68.7  | -228.5 | 189.3  | 101.9 | 103.7 | 0.0  | 0.0  | 0.0   |
| 2013 | 260    | -66.8  | -241.4 | 201.9  | 101.7 | 103.9 | 0.0  | 0.0  | 0.0   |
| 2014 | 262    | -70.0  | -230.3 | 198.2  | 100.6 | 103.8 | 96.0 | 89.0 | 0.0   |
| 2015 | 198    | -71.2  | -234.6 | 197.2  | 100.8 | 104.1 | 0.0  | 0.0  | 0.0   |
| 2016 | 27     | -72.5  | -248.3 | 185.9  | 101.9 | 104.2 | 0.0  | 0.0  | 0.0   |

Tabel: 167 Witrood: Geboortekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Geb  | DDt   | DGw   | Afk   | MDt  | MGw   |
|------|--------|------|-------|-------|-------|------|-------|
| 1980 | 256    | 95.3 | 103.4 | 108.1 | 48.4  | 46.7 | 49.5  |
| 1981 | 501    | 94.7 | 103.1 | 109.6 | 85.4  | 79.5 | 83.9  |
| 1982 | 677    | 96.3 | 103.1 | 107.8 | 94.6  | 89.9 | 95.2  |
| 1983 | 525    | 96.0 | 104.2 | 108.5 | 99.7  | 94.7 | 101.2 |
| 1984 | 557    | 93.0 | 104.1 | 111.8 | 102.8 | 96.0 | 101.7 |
| 1985 | 929    | 91.7 | 105.6 | 113.8 | 101.1 | 93.7 | 100.7 |
| 1986 | 1314   | 91.4 | 105.5 | 114.4 | 101.3 | 93.3 | 99.3  |

|      |      |      |       |       |       |      |       |
|------|------|------|-------|-------|-------|------|-------|
| 1987 | 2245 | 91.2 | 105.6 | 114.7 | 103.0 | 95.1 | 102.2 |
| 1988 | 3355 | 90.9 | 105.8 | 115.2 | 101.7 | 95.3 | 102.7 |
| 1989 | 3909 | 91.5 | 105.2 | 114.3 | 102.2 | 95.4 | 102.4 |
| 1990 | 4447 | 91.4 | 105.3 | 114.5 | 102.8 | 95.5 | 102.5 |
| 1991 | 4891 | 91.3 | 105.3 | 114.9 | 103.7 | 95.3 | 101.6 |
| 1992 | 4608 | 90.4 | 105.4 | 115.6 | 103.6 | 95.5 | 102.4 |
| 1993 | 4053 | 91.2 | 105.1 | 114.7 | 102.4 | 95.7 | 102.8 |
| 1994 | 2315 | 90.4 | 105.0 | 115.5 | 103.5 | 95.0 | 101.2 |
| 1995 | 1466 | 91.6 | 104.9 | 114.2 | 103.3 | 94.7 | 101.0 |
| 1996 | 540  | 91.3 | 104.2 | 114.4 | 102.4 | 95.1 | 101.9 |
| 1997 | 209  | 89.5 | 104.6 | 116.3 | 99.0  | 92.8 | 99.6  |
| 1998 | 112  | 91.2 | 104.5 | 114.7 | 97.5  | 90.2 | 95.7  |
| 1999 | 110  | 91.1 | 104.6 | 114.8 | 102.1 | 94.0 | 100.2 |
| 2000 | 101  | 91.1 | 104.2 | 115.0 | 99.5  | 89.2 | 94.8  |
| 2001 | 91   | 91.5 | 104.3 | 114.6 | 102.3 | 92.8 | 98.2  |
| 2002 | 81   | 91.1 | 104.8 | 114.9 | 98.5  | 90.6 | 95.8  |
| 2003 | 78   | 91.7 | 104.0 | 114.4 | 101.2 | 92.4 | 97.5  |
| 2004 | 113  | 90.2 | 103.7 | 116.0 | 103.9 | 93.6 | 100.8 |
| 2005 | 119  | 90.3 | 104.6 | 115.6 | 105.3 | 95.6 | 101.9 |
| 2006 | 88   | 90.5 | 104.0 | 115.8 | 104.4 | 94.1 | 100.4 |
| 2007 | 163  | 89.8 | 104.5 | 116.2 | 104.7 | 95.0 | 100.4 |
| 2008 | 100  | 90.7 | 104.5 | 115.6 | 103.8 | 93.3 | 98.7  |
| 2009 | 140  | 90.1 | 105.3 | 115.8 | 97.7  | 88.5 | 94.1  |
| 2010 | 151  | 91.1 | 104.8 | 114.7 | 94.1  | 84.2 | 89.7  |
| 2011 | 156  | 91.0 | 105.3 | 115.0 | 102.1 | 90.7 | 96.9  |
| 2012 | 164  | 89.8 | 105.4 | 115.8 | 97.1  | 87.4 | 93.4  |
| 2013 | 163  | 90.8 | 104.7 | 115.0 | 95.5  | 85.0 | 90.9  |
| 2014 | 148  | 89.9 | 104.3 | 115.6 | 103.9 | 93.9 | 100.2 |
| 2015 | 135  | 90.2 | 104.0 | 115.6 | 104.4 | 94.2 | 101.5 |
| 2016 | 137  | 90.1 | 104.6 | 115.5 | 89.6  | 81.2 | 87.0  |
| 2017 | 141  | 90.1 | 104.3 | 115.5 | 84.6  | 77.0 | 83.2  |
| 2018 | 71   | 90.1 | 104.0 | 115.8 | 85.9  | 77.8 | 83.5  |

Tabel: 168 Witrood: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1995 | 23     | 100.8 | 106.3 | 97.5  | 109.3 | 99.8  | 106.7 | 100.0 | 102.4 | 96.0  | 106.2 | 96.3  |
| 1999 | 21     | 98.6  | 106.2 | 96.8  | 107.8 | 100.3 | 106.3 | 98.3  | 99.4  | 98.1  | 105.9 | 93.0  |
| 2000 | 51     | 99.7  | 105.2 | 97.3  | 108.8 | 99.0  | 106.2 | 99.2  | 101.4 | 96.4  | 106.1 | 95.2  |
| 2001 | 51     | 99.9  | 103.9 | 97.9  | 107.9 | 99.1  | 106.0 | 99.4  | 101.6 | 96.0  | 106.2 | 95.4  |
| 2002 | 56     | 99.5  | 103.8 | 98.1  | 107.6 | 98.9  | 106.0 | 99.1  | 101.4 | 95.7  | 106.6 | 93.6  |
| 2003 | 71     | 100.0 | 104.2 | 97.7  | 108.5 | 99.0  | 105.8 | 99.3  | 101.8 | 96.5  | 106.7 | 95.1  |
| 2004 | 107    | 101.4 | 105.6 | 98.0  | 108.6 | 100.8 | 105.8 | 100.3 | 102.3 | 97.9  | 106.4 | 95.8  |
| 2005 | 144    | 101.2 | 105.1 | 98.1  | 108.1 | 101.7 | 105.3 | 99.8  | 102.2 | 98.9  | 106.6 | 95.4  |
| 2006 | 149    | 101.0 | 105.0 | 98.2  | 108.2 | 101.2 | 105.7 | 99.6  | 102.5 | 98.6  | 106.9 | 95.3  |
| 2007 | 181    | 99.7  | 104.3 | 98.3  | 108.4 | 99.4  | 105.8 | 99.1  | 101.5 | 96.6  | 106.9 | 94.3  |
| 2008 | 198    | 100.5 | 103.6 | 99.1  | 107.5 | 100.0 | 104.9 | 100.0 | 101.5 | 96.8  | 106.6 | 94.9  |
| 2009 | 226    | 100.4 | 104.4 | 98.9  | 107.8 | 100.3 | 105.0 | 99.7  | 101.6 | 97.1  | 106.7 | 94.7  |
| 2010 | 212    | 99.1  | 102.6 | 98.9  | 106.1 | 99.2  | 105.1 | 98.5  | 101.2 | 96.4  | 106.4 | 93.2  |
| 2011 | 162    | 99.4  | 102.8 | 98.9  | 106.7 | 99.3  | 104.8 | 98.8  | 101.3 | 96.7  | 106.5 | 93.9  |
| 2012 | 156    | 98.6  | 102.7 | 99.3  | 106.2 | 98.8  | 105.3 | 98.1  | 101.1 | 96.1  | 106.6 | 92.7  |
| 2013 | 110    | 98.5  | 103.5 | 99.2  | 106.9 | 98.9  | 105.6 | 97.9  | 100.9 | 96.3  | 106.7 | 93.0  |
| 2014 | 65     | 98.7  | 104.8 | 99.2  | 107.9 | 99.2  | 106.0 | 98.0  | 101.0 | 96.6  | 107.4 | 92.7  |
| 2015 | 10     | 98.0  | 106.1 | 100.2 | 107.4 | 99.8  | 106.8 | 96.9  | 100.2 | 97.5  | 108.3 | 91.3  |

Tabel: 169 Witrood: Levensproductiekenmerken  
 Basis: Dubbeldoel



Land: VL

| Jaar | Aantal | LPin   | LPkgM  | LPkgV | LPkgE |
|------|--------|--------|--------|-------|-------|
| 2001 | 233    | -293.3 | 935.3  | -55.7 | -46.1 |
| 2002 | 191    | -260.6 | 891.7  | -47.9 | -42.0 |
| 2003 | 145    | -239.6 | 1259.7 | -53.3 | -35.4 |
| 2004 | 180    | -303.2 | 808.7  | -62.5 | -44.6 |
| 2005 | 215    | -357.1 | 654.3  | -76.6 | -50.1 |
| 2006 | 215    | -260.6 | 1093.0 | -61.0 | -36.0 |
| 2007 | 236    | -327.5 | 927.9  | -77.9 | -43.1 |
| 2008 | 219    | -382.6 | 677.2  | -86.1 | -51.5 |
| 2009 | 236    | -174.3 | 1489.1 | -52.7 | -20.5 |
| 2010 | 220    | -125.7 | 1696.9 | -46.5 | -12.5 |
| 2011 | 218    | -221.1 | 1255.8 | -60.4 | -27.2 |
| 2012 | 223    | -208.4 | 1238.1 | -57.5 | -25.6 |
| 2013 | 235    | -218.8 | 1240.0 | -57.8 | -28.0 |
| 2014 | 228    | -183.5 | 1488.1 | -54.5 | -21.9 |
| 2015 | 141    | -176.0 | 1512.8 | -50.7 | -22.1 |
| 2016 | 20     | -362.8 | 674.9  | -79.0 | -50.2 |

Tabel: 170 Witrood: Overige productie en efficiency kenm.

Basis: Dubbeldoel

Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew   |
|------|--------|-------|------|--------|-------|--------|-------|
| 1980 | 593    | 100.4 | 96.1 | 0      | 0.0   | 0      | 0.0   |
| 1981 | 651    | 99.0  | 94.3 | 0      | 0.0   | 0      | 0.0   |
| 1982 | 685    | 99.6  | 94.0 | 0      | 0.0   | 0      | 0.0   |
| 1983 | 500    | 99.0  | 94.2 | 0      | 0.0   | 0      | 0.0   |
| 1984 | 492    | 98.4  | 94.2 | 0      | 0.0   | 0      | 0.0   |
| 1985 | 777    | 98.6  | 94.5 | 777    | -3.8  | 0      | 0.0   |
| 1986 | 1200   | 98.0  | 94.5 | 1200   | -3.6  | 0      | 0.0   |
| 1987 | 2324   | 97.4  | 94.5 | 2324   | -3.4  | 0      | 0.0   |
| 1988 | 3293   | 97.4  | 94.5 | 3293   | -3.5  | 0      | 0.0   |
| 1989 | 3395   | 97.4  | 94.7 | 3396   | -3.7  | 0      | 0.0   |
| 1990 | 3794   | 97.5  | 95.2 | 3794   | -3.4  | 0      | 0.0   |
| 1991 | 4290   | 97.6  | 95.5 | 4290   | -3.2  | 0      | 0.0   |
| 1992 | 4192   | 97.1  | 95.3 | 4192   | -3.1  | 0      | 0.0   |
| 1993 | 4077   | 97.3  | 95.5 | 4078   | -3.0  | 0      | 0.0   |
| 1994 | 3695   | 97.2  | 95.8 | 3696   | -2.8  | 0      | 0.0   |
| 1995 | 2870   | 97.3  | 95.9 | 2871   | -2.5  | 0      | 0.0   |
| 1996 | 1222   | 97.6  | 95.5 | 1223   | -2.4  | 0      | 0.0   |
| 1997 | 569    | 97.6  | 95.8 | 569    | -2.3  | 0      | 0.0   |
| 1998 | 403    | 97.6  | 95.3 | 403    | -2.2  | 0      | 0.0   |
| 1999 | 359    | 97.6  | 95.3 | 359    | -2.0  | 0      | 0.0   |
| 2000 | 304    | 97.7  | 95.8 | 304    | -2.0  | 0      | 0.0   |
| 2001 | 292    | 97.9  | 95.7 | 292    | -1.7  | 15     | 99.7  |
| 2002 | 226    | 97.6  | 96.0 | 226    | -1.7  | 9      | 101.3 |
| 2003 | 169    | 97.8  | 96.0 | 169    | -1.6  | 8      | 96.9  |
| 2004 | 209    | 97.9  | 95.7 | 209    | -1.6  | 6      | 98.8  |
| 2005 | 241    | 98.5  | 96.0 | 241    | -1.8  | 11     | 100.0 |
| 2006 | 246    | 98.5  | 96.2 | 246    | -1.6  | 11     | 100.5 |
| 2007 | 252    | 99.1  | 96.0 | 252    | -1.6  | 5      | 101.2 |
| 2008 | 235    | 99.8  | 96.5 | 235    | -1.7  | 5      | 98.0  |
| 2009 | 251    | 99.7  | 96.2 | 251    | -1.5  | 6      | 99.8  |
| 2010 | 235    | 99.4  | 96.4 | 235    | -1.5  | 2      | 98.5  |
| 2011 | 239    | 99.3  | 96.5 | 239    | -1.6  | 4      | 101.0 |
| 2012 | 243    | 99.9  | 96.9 | 243    | -1.5  | 0      | 0.0   |
| 2013 | 260    | 99.9  | 96.5 | 260    | -1.6  | 0      | 0.0   |
| 2014 | 262    | 99.8  | 96.2 | 262    | -1.5  | 1      | 97.0  |

|      |     |       |      |     |      |   |     |
|------|-----|-------|------|-----|------|---|-----|
| 2015 | 198 | 99.3  | 95.9 | 198 | -1.6 | 0 | 0.0 |
| 2016 | 27  | 100.0 | 96.1 | 27  | -1.9 | 0 | 0.0 |

Tabel: 171 Witblauw: Melkproductiekenmerken  
Basis: Belgisch witblauw  
Land: VL

| Jaar | Aantal | kgM     | kgV    | kgE   | kgL    | %V    | %E    | %L    | INET   |
|------|--------|---------|--------|-------|--------|-------|-------|-------|--------|
| 1980 | 138    | -2217.7 | -106.7 | -85.2 | -110.8 | -18.2 | -7.4  | -20.9 | -606.7 |
| 1981 | 99     | -2114.6 | -103.5 | -83.1 | -106.0 | -21.4 | -11.4 | -20.5 | -589.7 |
| 1982 | 86     | -2314.8 | -112.4 | -89.4 | -115.1 | -22.9 | -9.6  | -21.2 | -637.4 |
| 1983 | 109    | -2209.6 | -109.7 | -87.5 | -110.4 | -26.6 | -13.5 | -21.0 | -622.3 |
| 1984 | 99     | -2309.4 | -112.1 | -90.1 | -115.0 | -22.6 | -11.5 | -21.5 | -639.4 |
| 1985 | 107    | -2300.7 | -113.3 | -90.4 | -114.6 | -26.6 | -13.0 | -21.3 | -643.0 |
| 1986 | 119    | -2379.6 | -117.1 | -92.4 | -118.2 | -27.7 | -10.9 | -21.7 | -660.1 |
| 1987 | 117    | -2335.6 | -116.3 | -91.1 | -116.1 | -29.8 | -11.3 | -21.5 | -652.5 |
| 1988 | 119    | -2399.0 | -120.4 | -94.2 | -119.1 | -33.5 | -13.8 | -21.9 | -674.9 |
| 1989 | 119    | -2270.6 | -115.4 | -89.2 | -113.2 | -34.2 | -12.8 | -21.2 | -642.0 |
| 1990 | 100    | -2096.6 | -109.1 | -83.7 | -105.3 | -36.3 | -14.1 | -20.7 | -603.9 |
| 1991 | 62     | -2213.7 | -112.5 | -87.0 | -110.6 | -33.4 | -12.4 | -21.0 | -626.3 |
| 1992 | 31     | -2155.0 | -107.2 | -85.4 | -107.9 | -26.2 | -13.4 | -20.7 | -607.6 |
| 1993 | 36     | -2100.5 | -108.5 | -83.2 | -105.4 | -34.3 | -12.7 | -20.5 | -600.8 |
| 1994 | 38     | -2028.2 | -107.8 | -80.7 | -102.2 | -39.4 | -12.4 | -20.5 | -588.0 |
| 1995 | 43     | -1956.1 | -104.6 | -78.2 | -98.9  | -39.0 | -13.0 | -20.0 | -569.9 |
| 1996 | 26     | -1983.6 | -108.0 | -79.8 | -100.2 | -44.0 | -14.1 | -20.3 | -584.2 |
| 1997 | 38     | -1870.0 | -101.8 | -76.9 | -94.9  | -40.8 | -17.4 | -19.6 | -557.7 |
| 1998 | 27     | -1776.6 | -99.5  | -73.4 | -90.6  | -44.0 | -16.3 | -19.3 | -536.8 |
| 1999 | 26     | -1681.8 | -97.4  | -69.9 | -86.4  | -47.5 | -16.2 | -19.2 | -517.2 |
| 2000 | 19     | -1661.6 | -98.8  | -71.3 | -85.4  | -52.3 | -21.0 | -19.1 | -525.4 |
| 2001 | 13     | -1669.8 | -98.2  | -69.6 | -85.8  | -51.7 | -16.4 | -18.9 | -517.2 |
| 2002 | 12     | -1633.5 | -91.2  | -67.8 | -81.5  | -39.6 | -15.7 | -12.0 | -494.2 |
| 2004 | 15     | -1540.8 | -87.7  | -64.7 | -73.4  | -40.4 | -15.8 | -3.0  | -471.8 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 172 Witblauw: Exterieurkenmerken bouw  
Basis: Belgisch witblauw  
Land: VL

| Jaar | Aantal | H     | VH   | IH    | OH    | CS   | KL   | KB   |
|------|--------|-------|------|-------|-------|------|------|------|
| 1989 | 19     | 107.9 | 93.1 | 105.2 | 113.6 | 87.6 | 92.8 | 98.3 |
| 1990 | 16     | 109.2 | 93.5 | 105.9 | 114.5 | 87.8 | 94.1 | 98.6 |
| 1991 | 17     | 108.1 | 93.3 | 105.1 | 113.8 | 87.4 | 93.1 | 98.5 |
| 1994 | 15     | 107.5 | 93.3 | 104.6 | 113.0 | 87.5 | 93.1 | 98.6 |
| 1995 | 18     | 107.5 | 93.0 | 105.1 | 113.6 | 87.4 | 93.2 | 97.9 |
| 1997 | 13     | 108.1 | 93.5 | 105.2 | 113.9 | 87.8 | 94.8 | 99.3 |
| 1998 | 13     | 107.8 | 93.2 | 105.1 | 113.5 | 87.3 | 93.7 | 98.2 |
| 1999 | 13     | 108.6 | 93.1 | 105.9 | 114.8 | 86.8 | 93.1 | 98.9 |
| 2000 | 11     | 109.2 | 93.8 | 106.5 | 115.4 | 86.7 | 92.9 | 99.6 |

Tabel: 173 Witblauw: Exterieurkenmerken beenwerk  
Basis: Belgisch witblauw  
Land: VL

| Jaar | Aantal | BA   | BZ    | KH   | BG   |
|------|--------|------|-------|------|------|
| 1989 | 19     | 98.8 | 101.9 | 92.5 | 99.6 |

|      |    |      |       |      |       |
|------|----|------|-------|------|-------|
| 1990 | 16 | 99.2 | 102.8 | 93.1 | 100.2 |
| 1991 | 17 | 99.1 | 102.1 | 92.6 | 99.9  |
| 1994 | 15 | 97.9 | 102.5 | 91.7 | 98.9  |
| 1995 | 18 | 98.6 | 102.6 | 92.1 | 99.5  |
| 1997 | 13 | 97.7 | 102.8 | 92.7 | 99.2  |
| 1998 | 13 | 98.0 | 102.6 | 91.8 | 98.9  |
| 1999 | 13 | 99.3 | 102.3 | 92.3 | 100.3 |
| 2000 | 11 | 98.8 | 102.5 | 92.5 | 99.7  |

Tabel: 174 Witblauw: Exterieurkenmerken uier  
Basis: Belgisch witblauw  
Land: VL

| Jaar | Aantal | VA    | VP    | SL    | UD    | AH    | OB    | AP    |
|------|--------|-------|-------|-------|-------|-------|-------|-------|
| 1989 | 19     | 108.6 | 105.9 | 99.5  | 108.1 | 111.3 | 105.6 | 104.3 |
| 1990 | 16     | 109.3 | 106.8 | 100.1 | 108.8 | 111.9 | 106.3 | 105.2 |
| 1991 | 17     | 108.5 | 105.8 | 99.8  | 107.8 | 111.2 | 105.4 | 104.2 |
| 1994 | 15     | 108.2 | 105.3 | 100.0 | 107.3 | 111.1 | 104.9 | 103.8 |
| 1995 | 18     | 108.7 | 106.1 | 98.8  | 107.8 | 111.3 | 105.9 | 104.8 |
| 1997 | 13     | 109.2 | 106.1 | 99.3  | 108.2 | 112.0 | 105.6 | 104.8 |
| 1998 | 13     | 108.2 | 105.7 | 99.6  | 107.5 | 111.0 | 105.2 | 104.3 |
| 1999 | 13     | 109.5 | 106.8 | 98.7  | 108.5 | 112.9 | 106.1 | 105.1 |
| 2000 | 11     | 108.9 | 106.8 | 98.8  | 107.9 | 112.3 | 106.1 | 105.4 |

Tabel: 175 Witblauw: Exterieurkenmerken bovenbalk  
Basis: Belgisch witblauw  
Land: VL

| Jaar | Aantal | F    | T     | U     | B    | Bs   | Ext   |
|------|--------|------|-------|-------|------|------|-------|
| 1989 | 19     | 94.3 | 99.3  | 111.2 | 98.3 | 93.0 | 103.3 |
| 1990 | 16     | 95.3 | 99.9  | 112.1 | 99.0 | 93.1 | 104.4 |
| 1991 | 17     | 94.6 | 99.5  | 111.1 | 98.6 | 92.9 | 103.4 |
| 1994 | 15     | 94.8 | 99.2  | 110.6 | 97.2 | 93.2 | 102.4 |
| 1995 | 18     | 94.3 | 98.9  | 111.1 | 97.9 | 92.6 | 102.9 |
| 1997 | 13     | 95.8 | 100.1 | 111.7 | 97.4 | 93.5 | 103.5 |
| 1998 | 13     | 94.7 | 99.2  | 110.7 | 97.2 | 92.5 | 102.5 |
| 1999 | 13     | 94.8 | 99.8  | 112.2 | 98.9 | 91.9 | 104.4 |
| 2000 | 11     | 95.5 | 100.2 | 111.5 | 98.3 | 92.3 | 103.8 |

Tabel: 176 Witblauw: Vruchtbaarheidskenmerken  
Basis: Belgisch witblauw  
Land: VL

| Jaar | Aantal | NR56 | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI   | Vru   |
|------|--------|------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 152    | 99.1 | 105.1 | 105.0 | 105.2 | 101.0 | 102.6 | 117.5 | 105.3 |
| 1981 | 131    | 98.8 | 104.8 | 104.1 | 104.6 | 100.5 | 102.3 | 116.7 | 104.6 |
| 1982 | 110    | 98.2 | 104.9 | 103.5 | 104.3 | 99.8  | 101.7 | 116.2 | 104.1 |
| 1983 | 186    | 98.1 | 104.6 | 103.1 | 104.0 | 99.5  | 101.8 | 115.9 | 103.8 |
| 1984 | 225    | 97.7 | 104.7 | 102.8 | 103.9 | 99.2  | 101.2 | 115.5 | 103.5 |
| 1985 | 272    | 97.8 | 104.7 | 102.8 | 103.9 | 99.3  | 101.4 | 115.9 | 103.6 |
| 1986 | 388    | 97.9 | 104.7 | 103.0 | 104.0 | 99.4  | 101.5 | 115.8 | 103.7 |
| 1987 | 580    | 98.4 | 103.8 | 103.3 | 103.4 | 99.9  | 102.1 | 115.9 | 103.5 |
| 1988 | 783    | 98.2 | 103.6 | 102.9 | 103.1 | 99.7  | 102.1 | 115.7 | 103.2 |
| 1989 | 1198   | 98.0 | 104.2 | 103.0 | 103.6 | 99.7  | 101.7 | 115.6 | 103.4 |
| 1990 | 1646   | 98.1 | 103.4 | 102.1 | 102.8 | 99.4  | 101.7 | 114.5 | 102.6 |

|      |      |       |       |       |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1991 | 2102 | 97.8  | 103.2 | 101.8 | 102.4 | 99.2  | 101.4 | 113.8 | 102.3 |
| 1992 | 2568 | 97.9  | 103.0 | 101.5 | 102.2 | 99.2  | 101.0 | 112.3 | 101.9 |
| 1993 | 2673 | 97.7  | 102.8 | 101.1 | 101.9 | 98.9  | 100.5 | 112.1 | 101.6 |
| 1994 | 3078 | 97.9  | 102.4 | 100.8 | 101.5 | 99.0  | 100.4 | 110.4 | 101.2 |
| 1995 | 3337 | 98.0  | 102.2 | 100.6 | 101.3 | 98.9  | 100.2 | 109.7 | 101.0 |
| 1996 | 3371 | 98.4  | 101.8 | 100.6 | 101.1 | 99.2  | 100.1 | 108.7 | 100.9 |
| 1997 | 3369 | 98.4  | 101.7 | 100.3 | 100.9 | 99.1  | 100.0 | 108.1 | 100.7 |
| 1998 | 3708 | 98.6  | 101.5 | 100.2 | 100.8 | 99.2  | 99.7  | 107.0 | 100.6 |
| 1999 | 4127 | 98.6  | 101.3 | 100.1 | 100.6 | 99.2  | 99.5  | 106.2 | 100.4 |
| 2000 | 4239 | 98.7  | 101.2 | 99.9  | 100.4 | 99.2  | 99.4  | 104.9 | 100.2 |
| 2001 | 3983 | 98.9  | 101.0 | 99.8  | 100.3 | 99.3  | 99.2  | 103.6 | 100.0 |
| 2002 | 4174 | 99.1  | 100.8 | 99.9  | 100.2 | 99.4  | 99.3  | 103.0 | 100.0 |
| 2003 | 4420 | 99.3  | 100.7 | 99.9  | 100.1 | 99.6  | 99.4  | 102.3 | 100.0 |
| 2004 | 4812 | 99.4  | 100.6 | 99.8  | 100.0 | 99.5  | 99.2  | 101.6 | 99.9  |
| 2005 | 4774 | 99.5  | 100.5 | 99.9  | 100.0 | 99.6  | 99.2  | 100.6 | 99.9  |
| 2006 | 4901 | 99.7  | 100.2 | 99.7  | 99.7  | 99.6  | 99.1  | 99.6  | 99.7  |
| 2007 | 4995 | 99.9  | 100.0 | 99.7  | 99.5  | 99.7  | 99.2  | 98.8  | 99.6  |
| 2008 | 6403 | 100.2 | 100.1 | 100.4 | 99.9  | 100.3 | 99.5  | 100.2 | 100.2 |
| 2009 | 5798 | 100.3 | 99.9  | 100.2 | 99.7  | 100.2 | 100.1 | 100.7 | 100.0 |
| 2010 | 5140 | 100.5 | 99.6  | 100.1 | 99.5  | 100.2 | 100.4 | 100.0 | 99.8  |
| 2011 | 5151 | 101.1 | 99.1  | 100.2 | 99.2  | 100.6 | 101.0 | 99.6  | 99.7  |
| 2012 | 5213 | 101.5 | 98.8  | 100.2 | 99.1  | 100.8 | 101.3 | 99.6  | 99.6  |
| 2013 | 5063 | 101.4 | 98.6  | 100.0 | 98.8  | 100.7 | 101.4 | 99.6  | 99.4  |
| 2014 | 5075 | 101.6 | 98.3  | 100.0 | 98.7  | 100.7 | 101.5 | 99.9  | 99.3  |
| 2015 | 4028 | 101.8 | 98.1  | 100.0 | 98.5  | 100.9 | 101.7 | 99.7  | 99.2  |
| 2016 | 1231 | 101.8 | 98.1  | 100.0 | 98.5  | 100.9 | 101.7 | 99.7  | 99.2  |

Tabel: 177 Witblauw: NVI met onderliggende kenmerken

Basis: Belgisch witblauw

Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B    | Gin  |
|------|--------|--------|--------|--------|-------|-------|-------|------|------|
| 1980 | 127    | -189.2 | -606.7 | -313.0 | 103.0 | 105.3 | 0.0   | 0.0  | 0.0  |
| 1981 | 86     | -185.8 | -589.7 | -371.0 | 103.2 | 104.6 | 110.0 | 96.0 | 0.0  |
| 1982 | 81     | -203.5 | -637.4 | -313.0 | 103.4 | 104.1 | 0.0   | 0.0  | 0.0  |
| 1983 | 103    | -199.1 | -622.3 | 0.0    | 103.2 | 103.8 | 109.0 | 99.0 | 0.0  |
| 1984 | 94     | -202.9 | -639.4 | -313.0 | 103.7 | 103.5 | 0.0   | 0.0  | 0.0  |
| 1985 | 103    | -201.0 | -643.0 | 0.0    | 103.6 | 103.6 | 0.0   | 0.0  | 0.0  |
| 1986 | 118    | -205.5 | -660.1 | 0.0    | 103.2 | 103.7 | 109.5 | 97.5 | 0.0  |
| 1987 | 115    | -198.0 | -652.5 | 0.0    | 103.6 | 103.5 | 110.6 | 98.2 | 0.0  |
| 1988 | 114    | -210.6 | -674.9 | 21.5   | 103.9 | 103.2 | 111.2 | 98.8 | 93.5 |
| 1989 | 117    | -178.1 | -642.0 | -294.0 | 103.9 | 103.4 | 111.2 | 98.3 | 0.0  |
| 1990 | 96     | -174.4 | -603.9 | 131.0  | 103.9 | 102.6 | 112.1 | 99.0 | 0.0  |
| 1991 | 60     | -175.8 | -626.3 | 116.0  | 103.6 | 102.3 | 111.1 | 98.6 | 0.0  |
| 1992 | 31     | -168.5 | -607.6 | 162.0  | 103.8 | 101.9 | 110.7 | 97.0 | 93.0 |
| 1993 | 34     | -179.1 | -600.8 | 131.0  | 103.8 | 101.6 | 110.4 | 97.2 | 0.0  |
| 1994 | 36     | -183.6 | -588.0 | 254.5  | 103.6 | 101.2 | 110.6 | 97.2 | 0.0  |
| 1995 | 40     | -176.3 | -569.9 | 225.5  | 104.1 | 101.0 | 111.1 | 97.9 | 93.0 |
| 1996 | 24     | -192.5 | -584.2 | 162.0  | 103.9 | 100.9 | 110.1 | 96.8 | 96.0 |
| 1997 | 36     | -179.8 | -557.7 | 0.0    | 103.9 | 100.7 | 111.7 | 97.4 | 0.0  |
| 1998 | 24     | -172.0 | -536.8 | 190.5  | 103.7 | 100.6 | 110.7 | 97.2 | 0.0  |
| 1999 | 25     | -163.4 | -517.2 | 218.0  | 103.5 | 100.4 | 112.2 | 98.9 | 0.0  |
| 2000 | 16     | -181.9 | -525.4 | 193.0  | 103.6 | 100.2 | 111.5 | 98.3 | 0.0  |
| 2001 | 13     | -162.9 | -517.2 | 202.0  | 103.3 | 100.0 | 111.4 | 97.6 | 0.0  |
| 2002 | 10     | -198.2 | -494.2 | 213.2  | 103.3 | 100.0 | 113.0 | 99.2 | 0.0  |
| 2004 | 15     | -172.6 | -471.8 | 219.7  | 103.3 | 99.9  | 111.0 | 99.2 | 94.0 |

Tabel: 178 Witblauw: Levensvatbaarheidskenmerken

Basis: Belgisch witblauw

Land: VL

| Jaar | Aantal | LVg  | LVa | LVg1 | LVa1 | LVg2 | LVa2 |
|------|--------|------|-----|------|------|------|------|
| 1987 | 17     | 90.3 | 0.0 | 90.3 | 0.0  | 90.5 | 0.0  |
| 1988 | 26     | 90.0 | 3.7 | 90.0 | 3.7  | 89.7 | 3.6  |
| 1989 | 35     | 89.8 | 0.0 | 89.8 | 0.0  | 90.2 | 0.0  |
| 1990 | 40     | 90.2 | 0.0 | 90.2 | 0.0  | 90.7 | 0.0  |
| 1991 | 30     | 90.2 | 0.0 | 90.2 | 0.0  | 90.2 | 0.0  |
| 1992 | 45     | 90.4 | 0.0 | 90.4 | 0.0  | 90.6 | 0.0  |
| 1993 | 27     | 90.5 | 0.0 | 90.5 | 0.0  | 90.7 | 0.0  |
| 1994 | 50     | 90.9 | 0.0 | 90.9 | 0.0  | 91.0 | 0.0  |
| 1995 | 39     | 90.6 | 2.5 | 90.6 | 2.5  | 91.1 | 2.4  |
| 1996 | 33     | 90.8 | 0.0 | 90.8 | 0.0  | 90.9 | 0.0  |
| 1997 | 31     | 91.0 | 0.0 | 91.0 | 0.0  | 91.6 | 0.0  |
| 1998 | 29     | 91.1 | 0.0 | 91.1 | 0.0  | 91.7 | 0.0  |
| 1999 | 41     | 90.7 | 0.0 | 90.7 | 0.0  | 91.3 | 0.0  |
| 2000 | 61     | 90.8 | 0.0 | 90.8 | 0.0  | 91.4 | 0.0  |
| 2001 | 41     | 91.0 | 0.0 | 91.0 | 0.0  | 91.3 | 0.0  |
| 2002 | 24     | 90.7 | 0.0 | 90.7 | 0.0  | 90.9 | 0.0  |
| 2003 | 23     | 90.7 | 0.0 | 90.7 | 0.0  | 90.5 | 0.0  |
| 2004 | 27     | 90.6 | 0.0 | 90.6 | 0.0  | 91.4 | 0.0  |
| 2005 | 17     | 91.4 | 0.0 | 91.4 | 0.0  | 91.8 | 0.0  |
| 2006 | 23     | 91.4 | 0.0 | 91.4 | 0.0  | 91.9 | 0.0  |
| 2007 | 18     | 91.9 | 0.0 | 91.9 | 0.0  | 92.6 | 0.0  |
| 2008 | 10     | 91.3 | 0.0 | 91.3 | 0.0  | 92.2 | 0.0  |
| 2009 | 12     | 92.5 | 8.0 | 92.5 | 8.0  | 93.4 | 8.0  |
| 2010 | 15     | 90.0 | 0.0 | 90.0 | 0.0  | 90.1 | 0.0  |
| 2011 | 12     | 90.7 | 0.0 | 90.7 | 0.0  | 91.1 | 0.0  |

Tabel: 179 Witblauw: Geboortekenmerken  
 Basis: Belgisch witblauw  
 Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw  | Afk  | MDt  | MGw   |
|------|--------|-------|-------|------|------|------|-------|
| 1980 | 22     | 103.9 | 102.0 | 95.8 | 3.9  | 4.7  | 5.1   |
| 1981 | 25     | 107.2 | 101.6 | 92.6 | 7.1  | 8.4  | 9.3   |
| 1982 | 27     | 106.3 | 101.4 | 93.5 | 13.3 | 15.2 | 17.0  |
| 1983 | 41     | 106.6 | 101.6 | 93.0 | 36.0 | 39.4 | 43.5  |
| 1984 | 50     | 108.5 | 100.9 | 91.2 | 35.4 | 38.4 | 42.2  |
| 1985 | 61     | 108.1 | 100.5 | 91.4 | 26.0 | 28.1 | 31.1  |
| 1986 | 87     | 109.1 | 100.9 | 90.5 | 34.1 | 36.3 | 39.8  |
| 1987 | 128    | 107.4 | 101.3 | 92.1 | 52.3 | 56.3 | 61.7  |
| 1988 | 174    | 109.4 | 101.1 | 90.2 | 65.9 | 71.6 | 78.5  |
| 1989 | 232    | 109.6 | 100.7 | 89.8 | 69.7 | 76.1 | 83.0  |
| 1990 | 326    | 109.7 | 100.7 | 89.7 | 62.1 | 67.8 | 74.1  |
| 1991 | 322    | 109.1 | 100.7 | 90.3 | 61.6 | 67.6 | 74.5  |
| 1992 | 424    | 108.2 | 100.8 | 91.2 | 62.5 | 68.7 | 76.0  |
| 1993 | 416    | 108.0 | 100.7 | 91.4 | 61.1 | 67.5 | 74.9  |
| 1994 | 514    | 107.5 | 100.6 | 91.9 | 71.1 | 78.7 | 87.5  |
| 1995 | 544    | 107.3 | 100.5 | 92.0 | 68.2 | 75.1 | 83.7  |
| 1996 | 592    | 107.3 | 100.2 | 92.1 | 69.9 | 77.0 | 85.8  |
| 1997 | 672    | 107.1 | 100.3 | 92.3 | 70.1 | 77.5 | 86.6  |
| 1998 | 808    | 107.4 | 99.9  | 92.0 | 75.9 | 83.7 | 93.5  |
| 1999 | 895    | 106.7 | 100.1 | 92.7 | 78.4 | 86.3 | 95.9  |
| 2000 | 1080   | 106.5 | 100.1 | 92.8 | 80.2 | 88.5 | 98.5  |
| 2001 | 1012   | 106.5 | 100.1 | 92.9 | 79.8 | 87.7 | 97.3  |
| 2002 | 1253   | 106.2 | 100.3 | 93.2 | 81.9 | 89.9 | 99.4  |
| 2003 | 1284   | 105.8 | 100.3 | 93.5 | 83.5 | 91.6 | 101.6 |
| 2004 | 1637   | 105.5 | 100.1 | 94.0 | 83.1 | 91.2 | 101.6 |
| 2005 | 1787   | 105.2 | 100.0 | 94.1 | 86.4 | 94.7 | 105.1 |

|      |      |       |       |       |      |      |       |
|------|------|-------|-------|-------|------|------|-------|
| 2006 | 2219 | 104.4 | 100.1 | 95.0  | 88.6 | 96.5 | 107.2 |
| 2007 | 2527 | 103.8 | 100.4 | 95.7  | 89.6 | 97.4 | 108.1 |
| 2008 | 2798 | 104.6 | 100.1 | 94.7  | 90.9 | 98.9 | 109.6 |
| 2009 | 3299 | 103.8 | 100.2 | 95.4  | 90.8 | 99.0 | 109.6 |
| 2010 | 3735 | 103.4 | 100.3 | 95.6  | 90.9 | 99.3 | 110.0 |
| 2011 | 3979 | 102.7 | 100.4 | 96.6  | 91.3 | 99.2 | 109.6 |
| 2012 | 3863 | 102.0 | 100.6 | 97.5  | 91.9 | 99.2 | 110.2 |
| 2013 | 3441 | 101.6 | 100.9 | 98.0  | 92.3 | 99.7 | 111.5 |
| 2014 | 3417 | 100.9 | 101.0 | 99.1  | 92.3 | 99.2 | 111.5 |
| 2015 | 3226 | 100.3 | 101.1 | 99.9  | 92.8 | 99.4 | 112.1 |
| 2016 | 3018 | 99.6  | 101.4 | 100.7 | 92.0 | 98.6 | 111.0 |
| 2017 | 2755 | 99.5  | 101.3 | 100.8 | 90.2 | 96.5 | 108.6 |
| 2018 | 1453 | 99.6  | 100.9 | 100.7 | 88.6 | 94.6 | 106.2 |

Tabel: 180 Witblauw: Vleeskenmerken  
 Basis: Belgisch witblauw  
 Land: VL

| Jaar | Aantal | Vlin | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 10     | 97.5 | 94.4  | 98.1  | 98.2  | 97.6  | 100.3 | 102.8 | 98.1  | 95.8  | 99.7  | 99.2  |
| 1981 | 16     | 97.9 | 94.4  | 97.6  | 100.1 | 96.0  | 101.7 | 102.8 | 99.0  | 96.1  | 99.9  | 103.2 |
| 1982 | 13     | 97.5 | 96.2  | 98.7  | 100.3 | 97.4  | 101.6 | 101.5 | 99.8  | 96.4  | 100.2 | 99.8  |
| 1983 | 33     | 96.9 | 90.1  | 97.8  | 95.5  | 95.8  | 99.9  | 102.1 | 98.5  | 94.8  | 99.5  | 98.8  |
| 1984 | 41     | 97.0 | 86.7  | 97.3  | 94.7  | 95.0  | 99.9  | 102.9 | 97.7  | 93.2  | 98.4  | 100.7 |
| 1985 | 50     | 97.0 | 87.3  | 97.4  | 95.0  | 94.2  | 99.5  | 102.9 | 98.1  | 93.6  | 98.7  | 100.9 |
| 1986 | 74     | 93.2 | 82.6  | 96.7  | 91.2  | 88.5  | 97.6  | 100.3 | 97.7  | 90.9  | 98.6  | 96.9  |
| 1987 | 134    | 93.4 | 86.6  | 97.1  | 94.1  | 89.1  | 98.6  | 99.8  | 97.9  | 92.9  | 99.7  | 97.4  |
| 1988 | 193    | 94.3 | 87.5  | 97.1  | 94.5  | 90.5  | 98.6  | 100.5 | 98.1  | 93.5  | 99.7  | 98.2  |
| 1989 | 273    | 95.0 | 87.9  | 97.4  | 95.2  | 92.8  | 99.4  | 99.4  | 100.6 | 93.4  | 100.3 | 97.6  |
| 1990 | 372    | 95.3 | 89.1  | 97.5  | 95.9  | 93.6  | 100.0 | 99.5  | 100.8 | 93.9  | 100.6 | 97.2  |
| 1991 | 406    | 95.6 | 89.1  | 97.7  | 95.6  | 93.4  | 99.4  | 101.0 | 99.3  | 93.7  | 100.0 | 96.8  |
| 1992 | 576    | 95.9 | 90.9  | 97.9  | 96.3  | 94.7  | 99.6  | 100.7 | 99.4  | 94.7  | 100.2 | 96.8  |
| 1993 | 635    | 96.1 | 91.6  | 98.1  | 96.4  | 94.8  | 99.6  | 100.9 | 99.5  | 95.4  | 100.1 | 96.9  |
| 1994 | 883    | 96.2 | 92.3  | 98.2  | 97.3  | 94.6  | 99.9  | 100.8 | 100.1 | 95.5  | 100.2 | 97.3  |
| 1995 | 1094   | 95.9 | 92.1  | 98.4  | 96.9  | 94.5  | 99.9  | 100.4 | 100.0 | 95.5  | 100.5 | 96.9  |
| 1996 | 1211   | 96.3 | 93.2  | 98.5  | 97.9  | 95.0  | 100.2 | 100.6 | 100.3 | 95.9  | 100.6 | 97.3  |
| 1997 | 1355   | 96.5 | 93.7  | 98.5  | 97.7  | 95.1  | 100.3 | 100.6 | 100.6 | 96.6  | 100.6 | 97.3  |
| 1998 | 1824   | 96.2 | 94.1  | 98.7  | 97.9  | 95.1  | 100.4 | 100.2 | 100.6 | 96.6  | 100.6 | 96.8  |
| 1999 | 2386   | 96.3 | 94.7  | 98.8  | 98.0  | 95.5  | 100.3 | 100.3 | 100.6 | 96.9  | 100.7 | 96.6  |
| 2000 | 2929   | 96.7 | 95.5  | 99.1  | 98.1  | 96.3  | 100.2 | 100.4 | 100.8 | 97.6  | 100.9 | 96.5  |
| 2001 | 3180   | 96.9 | 95.9  | 99.4  | 98.2  | 96.6  | 100.1 | 100.5 | 101.0 | 97.9  | 101.0 | 96.5  |
| 2002 | 3789   | 96.7 | 96.4  | 99.6  | 98.2  | 96.6  | 100.2 | 100.2 | 101.0 | 98.1  | 101.0 | 96.2  |
| 2003 | 4256   | 96.9 | 96.8  | 99.9  | 98.2  | 96.8  | 100.3 | 100.2 | 101.2 | 98.5  | 101.1 | 96.2  |
| 2004 | 4686   | 96.9 | 97.3  | 100.1 | 98.4  | 97.2  | 100.3 | 100.2 | 101.2 | 98.8  | 101.1 | 96.5  |
| 2005 | 4737   | 96.9 | 97.8  | 100.4 | 98.5  | 97.2  | 100.3 | 100.2 | 101.0 | 99.0  | 101.2 | 96.5  |
| 2006 | 4895   | 97.1 | 98.2  | 100.5 | 98.8  | 97.5  | 100.4 | 100.2 | 101.1 | 99.3  | 101.3 | 96.3  |
| 2007 | 4938   | 96.8 | 98.6  | 100.7 | 98.9  | 97.0  | 100.4 | 100.0 | 101.1 | 99.5  | 101.3 | 96.3  |
| 2008 | 6215   | 96.2 | 97.4  | 100.7 | 98.1  | 94.1  | 98.5  | 100.4 | 100.6 | 98.6  | 101.0 | 96.4  |
| 2009 | 5631   | 95.4 | 98.1  | 100.9 | 98.8  | 93.6  | 99.8  | 99.4  | 100.4 | 99.5  | 101.3 | 96.5  |
| 2010 | 5304   | 95.9 | 99.2  | 101.1 | 99.4  | 94.4  | 100.0 | 99.5  | 100.9 | 99.8  | 101.3 | 97.4  |
| 2011 | 4916   | 95.7 | 99.2  | 101.4 | 99.1  | 93.8  | 100.1 | 99.2  | 101.1 | 99.8  | 101.3 | 97.2  |
| 2012 | 4427   | 95.5 | 99.1  | 101.6 | 98.8  | 93.5  | 100.1 | 99.0  | 101.1 | 100.0 | 101.2 | 97.0  |
| 2013 | 3422   | 95.2 | 98.9  | 101.9 | 98.5  | 93.0  | 100.1 | 98.8  | 101.1 | 100.0 | 101.2 | 96.8  |
| 2014 | 1859   | 94.9 | 98.5  | 102.2 | 98.0  | 92.0  | 99.8  | 98.6  | 101.1 | 99.9  | 101.1 | 96.8  |
| 2015 | 355    | 94.3 | 97.5  | 103.0 | 96.1  | 92.2  | 99.7  | 97.9  | 101.1 | 99.8  | 101.2 | 95.1  |

Tabel: 181 Witblauw: Overige productie en efficiency kenm.  
 Basis: Belgisch witblauw  
 Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew |
|------|--------|-------|------|--------|-------|--------|-----|
| 1980 | 138    | 100.5 | 93.5 | 0      | 0.0   | 0      | 0.0 |
| 1981 | 99     | 100.1 | 93.8 | 0      | 0.0   | 0      | 0.0 |
| 1982 | 86     | 100.8 | 94.3 | 0      | 0.0   | 0      | 0.0 |
| 1983 | 108    | 101.4 | 94.2 | 0      | 0.0   | 0      | 0.0 |
| 1984 | 99     | 100.8 | 94.6 | 0      | 0.0   | 0      | 0.0 |
| 1985 | 107    | 101.0 | 94.3 | 0      | 0.0   | 0      | 0.0 |
| 1986 | 119    | 100.8 | 95.0 | 0      | 0.0   | 0      | 0.0 |
| 1987 | 117    | 100.6 | 96.3 | 0      | 0.0   | 0      | 0.0 |
| 1988 | 119    | 100.3 | 96.3 | 0      | 0.0   | 0      | 0.0 |
| 1989 | 119    | 100.3 | 96.7 | 0      | 0.0   | 0      | 0.0 |
| 1990 | 100    | 100.4 | 98.0 | 0      | 0.0   | 0      | 0.0 |
| 1991 | 62     | 100.2 | 98.1 | 0      | 0.0   | 0      | 0.0 |
| 1992 | 31     | 101.2 | 98.0 | 0      | 0.0   | 0      | 0.0 |
| 1993 | 36     | 100.1 | 98.2 | 0      | 0.0   | 0      | 0.0 |
| 1994 | 38     | 100.7 | 97.9 | 0      | 0.0   | 0      | 0.0 |
| 1995 | 43     | 100.4 | 98.5 | 0      | 0.0   | 0      | 0.0 |
| 1996 | 26     | 100.4 | 98.6 | 0      | 0.0   | 0      | 0.0 |
| 1997 | 38     | 100.5 | 97.5 | 0      | 0.0   | 0      | 0.0 |
| 1998 | 27     | 100.0 | 97.9 | 0      | 0.0   | 0      | 0.0 |
| 1999 | 26     | 100.2 | 98.1 | 0      | 0.0   | 0      | 0.0 |
| 2000 | 19     | 100.5 | 97.5 | 0      | 0.0   | 0      | 0.0 |
| 2001 | 13     | 99.8  | 98.8 | 0      | 0.0   | 0      | 0.0 |
| 2002 | 12     | 99.6  | 97.2 | 0      | 0.0   | 0      | 0.0 |
| 2004 | 15     | 99.1  | 96.7 | 0      | 0.0   | 0      | 0.0 |

Tabel: 182 Fleck Vies: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | kgM    | kgV  | kgE  | kgL  | %V    | %E    | %L    | INET  |
|------|--------|--------|------|------|------|-------|-------|-------|-------|
| 1987 | 18     | 251.4  | -2.8 | -2.9 | 1.8  | -20.7 | -17.9 | -14.7 | -17.4 |
| 1990 | 25     | 307.3  | 1.8  | -1.4 | 4.4  | -16.1 | -18.0 | -14.8 | -0.5  |
| 1991 | 18     | 220.6  | 0.7  | -4.8 | 0.4  | -13.0 | -19.3 | -14.9 | -18.3 |
| 1992 | 22     | 224.7  | -0.3 | -6.6 | 0.7  | -14.5 | -22.0 | -14.6 | -27.5 |
| 1993 | 25     | 250.0  | -0.8 | -5.9 | 1.7  | -16.7 | -22.1 | -14.8 | -25.4 |
| 1994 | 30     | 379.9  | 6.2  | 0.3  | 7.7  | -15.8 | -20.1 | -14.4 | 16.7  |
| 1995 | 45     | 248.8  | 9.2  | -1.2 | 1.7  | -2.6  | -15.4 | -14.7 | 14.8  |
| 1996 | 37     | 223.1  | 3.9  | -3.6 | 0.5  | -8.2  | -17.8 | -14.9 | -6.4  |
| 1997 | 44     | 468.4  | 9.1  | 2.7  | 11.7 | -16.6 | -21.1 | -14.4 | 33.7  |
| 1998 | 49     | 354.0  | 6.5  | 0.7  | 6.5  | -13.1 | -18.1 | -14.6 | 18.6  |
| 1999 | 68     | 370.7  | 5.7  | 0.4  | 7.3  | -15.5 | -19.4 | -14.4 | 15.5  |
| 2000 | 48     | 231.1  | 3.6  | -3.0 | 1.0  | -9.4  | -17.0 | -14.8 | -4.3  |
| 2001 | 96     | 193.2  | -3.8 | -3.2 | -0.8 | -18.7 | -15.5 | -14.9 | -21.5 |
| 2002 | 85     | 141.3  | -7.2 | -6.2 | -3.2 | -20.4 | -17.2 | -14.9 | -41.4 |
| 2003 | 57     | 261.6  | -1.0 | -2.3 | 2.4  | -18.6 | -17.7 | -14.6 | -11.0 |
| 2004 | 70     | 397.9  | 4.3  | 3.0  | 8.6  | -19.5 | -17.1 | -14.4 | 23.8  |
| 2005 | 89     | 340.5  | 2.8  | 1.1  | 5.6  | -18.1 | -16.9 | -15.1 | 11.9  |
| 2006 | 127    | 421.1  | 3.4  | 3.0  | 8.3  | -22.3 | -18.3 | -16.5 | 21.8  |
| 2007 | 35     | 732.7  | 19.9 | 14.7 | 24.1 | -17.3 | -17.1 | -13.5 | 109.5 |
| 2008 | 76     | 604.3  | 13.2 | 10.6 | 15.0 | -19.1 | -16.6 | -18.4 | 75.6  |
| 2009 | 88     | 615.7  | 16.6 | 11.8 | 17.7 | -15.4 | -15.3 | -15.3 | 88.4  |
| 2010 | 38     | 382.2  | 4.5  | 2.9  | 7.5  | -18.1 | -16.2 | -14.9 | 23.6  |
| 2011 | 38     | 753.1  | 20.4 | 14.8 | 22.8 | -17.9 | -17.7 | -16.6 | 110.6 |
| 2012 | 34     | 777.3  | 24.8 | 19.3 | 22.1 | -13.3 | -12.9 | -19.4 | 137.8 |
| 2013 | 52     | 1073.7 | 33.7 | 25.4 | 35.3 | -18.3 | -18.4 | -18.9 | 185.7 |
| 2014 | 38     | 1046.5 | 36.6 | 25.7 | 33.3 | -12.9 | -16.9 | -20.0 | 192.0 |
| 2015 | 27     | 1094.6 | 35.0 | 28.2 | 37.6 | -17.9 | -16.1 | -16.8 | 200.4 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 183 Fleck Vieh: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | H     | VH    | IH    | OH    | CS    | KL    | KB   |
|------|--------|-------|-------|-------|-------|-------|-------|------|
| 1990 | 16     | 103.6 | 103.2 | 100.8 | 98.9  | 102.5 | 98.3  | 92.3 |
| 1992 | 13     | 105.1 | 103.0 | 100.5 | 98.9  | 102.5 | 99.6  | 92.5 |
| 1993 | 16     | 105.1 | 103.9 | 100.4 | 98.9  | 103.6 | 100.8 | 92.5 |
| 1994 | 24     | 104.3 | 103.3 | 100.8 | 98.9  | 102.8 | 99.5  | 92.4 |
| 1995 | 28     | 104.3 | 103.4 | 100.8 | 99.4  | 102.9 | 97.5  | 92.5 |
| 1996 | 20     | 105.2 | 103.8 | 100.3 | 98.5  | 104.1 | 99.8  | 91.9 |
| 1997 | 29     | 104.5 | 102.8 | 100.4 | 99.3  | 102.8 | 98.4  | 92.4 |
| 1998 | 25     | 103.2 | 101.2 | 100.2 | 99.8  | 101.1 | 97.3  | 92.3 |
| 1999 | 30     | 104.6 | 102.8 | 100.0 | 99.2  | 102.4 | 100.1 | 92.6 |
| 2000 | 17     | 103.3 | 102.5 | 99.8  | 98.3  | 102.9 | 99.5  | 92.2 |
| 2001 | 32     | 104.1 | 103.7 | 100.6 | 98.9  | 102.6 | 98.5  | 93.3 |
| 2002 | 19     | 103.7 | 103.4 | 100.0 | 98.1  | 103.7 | 99.4  | 91.9 |
| 2003 | 19     | 104.6 | 103.2 | 99.9  | 98.2  | 103.3 | 100.4 | 92.8 |
| 2004 | 16     | 104.1 | 103.6 | 100.1 | 98.6  | 103.4 | 98.9  | 92.6 |
| 2005 | 23     | 104.0 | 102.8 | 99.7  | 98.2  | 102.6 | 100.4 | 92.0 |
| 2006 | 21     | 104.5 | 103.3 | 100.2 | 98.8  | 102.6 | 99.8  | 93.4 |
| 2007 | 11     | 106.2 | 104.4 | 101.7 | 99.8  | 103.5 | 99.8  | 95.5 |
| 2008 | 21     | 104.0 | 102.8 | 100.3 | 99.4  | 102.7 | 99.1  | 92.3 |
| 2009 | 31     | 104.9 | 101.1 | 101.3 | 101.4 | 100.6 | 98.7  | 93.2 |
| 2011 | 11     | 104.2 | 102.8 | 100.3 | 98.8  | 103.1 | 99.5  | 93.5 |
| 2013 | 43     | 105.3 | 101.6 | 101.6 | 101.3 | 101.3 | 98.8  | 94.0 |
| 2014 | 16     | 105.7 | 103.6 | 102.8 | 101.8 | 102.6 | 99.7  | 93.9 |

Tabel: 184 Fleck Vieh: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | BA    | BZ   | KH    | BG    |
|------|--------|-------|------|-------|-------|
| 1990 | 16     | 99.9  | 94.5 | 104.8 | 99.6  |
| 1992 | 13     | 100.4 | 94.8 | 105.6 | 99.7  |
| 1993 | 16     | 102.6 | 94.4 | 106.9 | 101.7 |
| 1994 | 24     | 102.5 | 94.2 | 106.1 | 101.3 |
| 1995 | 28     | 100.3 | 94.4 | 106.4 | 100.0 |
| 1996 | 20     | 101.8 | 94.4 | 107.3 | 100.5 |
| 1997 | 29     | 101.1 | 94.6 | 106.2 | 100.0 |
| 1998 | 25     | 102.0 | 93.9 | 104.8 | 100.8 |
| 1999 | 30     | 101.1 | 94.7 | 105.6 | 100.2 |
| 2000 | 17     | 102.0 | 94.0 | 105.6 | 100.8 |
| 2001 | 32     | 101.4 | 94.8 | 106.1 | 100.8 |
| 2002 | 19     | 101.6 | 93.5 | 106.6 | 100.6 |
| 2003 | 19     | 100.1 | 94.1 | 105.3 | 99.5  |
| 2004 | 16     | 100.6 | 93.1 | 106.6 | 100.2 |
| 2005 | 23     | 100.1 | 94.7 | 104.4 | 99.7  |
| 2006 | 21     | 100.2 | 94.9 | 104.8 | 99.7  |
| 2007 | 11     | 102.6 | 95.5 | 106.5 | 102.5 |
| 2008 | 21     | 101.8 | 93.9 | 106.7 | 100.8 |
| 2009 | 31     | 99.5  | 96.7 | 102.4 | 99.1  |
| 2011 | 11     | 100.1 | 95.2 | 105.0 | 99.5  |
| 2013 | 43     | 99.7  | 97.2 | 102.9 | 99.4  |
| 2014 | 16     | 100.8 | 95.4 | 104.7 | 100.9 |



Tabel: 185 Fleck Vieh: Exterieurkenmerken uier  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | VA    | VP    | SL    | UD    | AH   | OB   | AP   |
|------|--------|-------|-------|-------|-------|------|------|------|
| 1990 | 16     | 99.2  | 98.6  | 100.2 | 99.4  | 93.2 | 96.9 | 95.9 |
| 1992 | 13     | 98.7  | 99.3  | 99.3  | 99.5  | 92.8 | 97.0 | 96.4 |
| 1993 | 16     | 98.8  | 98.4  | 99.8  | 98.9  | 92.4 | 96.6 | 95.8 |
| 1994 | 24     | 98.8  | 98.2  | 99.4  | 98.9  | 93.0 | 98.0 | 96.7 |
| 1995 | 28     | 100.2 | 99.5  | 97.7  | 100.2 | 93.9 | 98.1 | 96.9 |
| 1996 | 20     | 100.8 | 100.7 | 98.2  | 101.0 | 93.3 | 98.0 | 97.2 |
| 1997 | 29     | 100.8 | 100.1 | 97.7  | 100.5 | 94.2 | 98.0 | 97.2 |
| 1998 | 25     | 99.6  | 99.6  | 98.8  | 99.4  | 95.0 | 98.4 | 97.4 |
| 1999 | 30     | 99.3  | 100.0 | 99.0  | 99.5  | 93.4 | 97.4 | 97.0 |
| 2000 | 17     | 98.6  | 99.0  | 100.6 | 99.1  | 93.1 | 98.6 | 97.5 |
| 2001 | 32     | 99.7  | 99.5  | 100.7 | 99.9  | 93.3 | 98.7 | 97.5 |
| 2002 | 19     | 100.1 | 99.6  | 100.5 | 100.3 | 93.2 | 97.4 | 96.9 |
| 2003 | 19     | 100.3 | 99.9  | 100.2 | 99.6  | 93.0 | 96.8 | 96.6 |
| 2004 | 16     | 100.3 | 100.8 | 100.1 | 99.8  | 93.9 | 97.9 | 97.4 |
| 2005 | 23     | 99.2  | 99.3  | 99.5  | 98.9  | 92.6 | 97.3 | 97.2 |
| 2006 | 21     | 99.6  | 99.6  | 98.5  | 99.2  | 93.7 | 97.3 | 97.0 |
| 2007 | 11     | 100.1 | 100.3 | 99.5  | 99.9  | 94.4 | 99.2 | 98.6 |
| 2008 | 21     | 100.1 | 99.1  | 99.2  | 99.0  | 94.1 | 97.3 | 96.5 |
| 2009 | 31     | 100.0 | 101.0 | 99.1  | 99.8  | 95.9 | 98.5 | 97.9 |
| 2011 | 11     | 99.8  | 99.0  | 99.9  | 99.4  | 93.6 | 97.5 | 97.1 |
| 2013 | 43     | 100.3 | 101.0 | 99.2  | 100.1 | 96.5 | 98.8 | 97.9 |
| 2014 | 16     | 100.1 | 99.6  | 99.4  | 99.6  | 95.1 | 97.8 | 97.4 |

Tabel: 186 Fleck Vieh: Exterieurkenmerken bovenbalk  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | F    | T     | U    | B     | Bs    | Ext   |
|------|--------|------|-------|------|-------|-------|-------|
| 1990 | 16     | 96.2 | 99.7  | 97.1 | 98.3  | 105.7 | 96.5  |
| 1992 | 13     | 96.8 | 99.8  | 96.7 | 98.9  | 105.6 | 96.6  |
| 1993 | 16     | 97.6 | 100.4 | 96.4 | 101.0 | 106.4 | 98.1  |
| 1994 | 24     | 96.8 | 99.8  | 96.8 | 100.5 | 106.1 | 97.6  |
| 1995 | 28     | 96.0 | 100.3 | 98.1 | 99.2  | 105.6 | 97.5  |
| 1996 | 20     | 96.7 | 100.2 | 98.3 | 100.0 | 106.8 | 98.1  |
| 1997 | 29     | 96.1 | 100.3 | 98.5 | 99.2  | 105.7 | 97.7  |
| 1998 | 25     | 95.0 | 99.4  | 98.0 | 99.6  | 104.4 | 97.1  |
| 1999 | 30     | 96.9 | 99.8  | 97.2 | 99.3  | 105.7 | 97.3  |
| 2000 | 17     | 96.4 | 99.7  | 96.9 | 99.6  | 106.1 | 97.1  |
| 2001 | 32     | 96.6 | 99.5  | 97.6 | 100.1 | 106.0 | 97.7  |
| 2002 | 19     | 96.1 | 99.4  | 97.7 | 99.4  | 106.8 | 97.2  |
| 2003 | 19     | 97.4 | 99.7  | 97.3 | 98.3  | 106.5 | 96.8  |
| 2004 | 16     | 96.6 | 100.0 | 98.1 | 98.5  | 106.4 | 97.2  |
| 2005 | 23     | 96.7 | 99.3  | 96.4 | 98.6  | 105.7 | 96.2  |
| 2006 | 21     | 97.3 | 99.7  | 97.1 | 98.8  | 106.0 | 97.0  |
| 2007 | 11     | 99.3 | 101.3 | 98.1 | 102.3 | 107.0 | 100.2 |
| 2008 | 21     | 96.3 | 100.1 | 97.5 | 99.9  | 105.6 | 97.6  |
| 2009 | 31     | 96.5 | 100.4 | 98.6 | 98.4  | 103.8 | 97.4  |
| 2011 | 11     | 97.3 | 100.3 | 97.4 | 98.9  | 106.5 | 97.2  |
| 2013 | 43     | 97.2 | 101.0 | 99.2 | 98.9  | 104.4 | 98.3  |
| 2014 | 16     | 98.4 | 101.7 | 98.1 | 99.9  | 105.9 | 98.8  |

Tabel: 187 Fleck Vieh: Vruchtbaarheidskenmerken

Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI   | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1987 | 10     | 98.8  | 105.2 | 100.4 | 103.3 | 103.3 | 97.2  | 100.7 | 102.1 |
| 1990 | 24     | 99.8  | 105.7 | 102.0 | 104.5 | 104.0 | 98.6  | 100.7 | 103.5 |
| 1991 | 12     | 99.8  | 105.3 | 101.4 | 104.2 | 103.8 | 98.4  | 100.1 | 103.1 |
| 1992 | 20     | 99.2  | 105.3 | 100.4 | 103.7 | 103.2 | 97.8  | 101.4 | 102.2 |
| 1993 | 20     | 99.0  | 105.3 | 101.0 | 103.8 | 103.3 | 98.6  | 100.5 | 102.7 |
| 1994 | 30     | 99.5  | 105.5 | 101.4 | 104.0 | 103.9 | 98.2  | 100.4 | 103.0 |
| 1995 | 44     | 100.7 | 105.2 | 102.1 | 104.5 | 104.7 | 98.4  | 100.1 | 103.5 |
| 1996 | 33     | 100.6 | 105.5 | 102.2 | 104.7 | 104.8 | 98.4  | 100.5 | 103.7 |
| 1997 | 42     | 100.5 | 105.5 | 102.2 | 104.7 | 104.7 | 98.6  | 100.7 | 103.7 |
| 1998 | 46     | 100.1 | 104.9 | 101.7 | 104.0 | 104.0 | 98.8  | 100.6 | 103.0 |
| 1999 | 66     | 99.7  | 104.9 | 101.2 | 103.8 | 103.8 | 98.6  | 101.0 | 102.6 |
| 2000 | 42     | 98.5  | 104.4 | 100.3 | 102.7 | 102.3 | 97.3  | 98.5  | 101.7 |
| 2001 | 73     | 98.5  | 105.0 | 100.9 | 103.4 | 102.5 | 97.2  | 98.8  | 102.4 |
| 2002 | 70     | 98.4  | 105.2 | 101.1 | 103.7 | 102.4 | 97.4  | 99.4  | 102.5 |
| 2003 | 56     | 98.1  | 105.2 | 100.8 | 103.6 | 102.1 | 96.9  | 99.1  | 102.4 |
| 2004 | 74     | 98.0  | 104.5 | 101.0 | 103.0 | 101.9 | 98.6  | 100.2 | 102.2 |
| 2005 | 89     | 98.4  | 105.0 | 100.9 | 103.4 | 102.3 | 97.9  | 99.3  | 102.3 |
| 2006 | 126    | 98.8  | 105.0 | 101.1 | 103.6 | 102.7 | 97.5  | 99.2  | 102.5 |
| 2007 | 39     | 98.8  | 104.3 | 100.8 | 103.1 | 102.4 | 97.7  | 100.3 | 102.1 |
| 2008 | 88     | 99.0  | 104.6 | 101.2 | 103.4 | 102.9 | 98.4  | 100.5 | 102.5 |
| 2009 | 90     | 99.3  | 105.0 | 101.4 | 103.9 | 103.3 | 98.1  | 101.2 | 102.9 |
| 2010 | 58     | 99.3  | 104.6 | 100.8 | 103.3 | 103.2 | 97.8  | 100.7 | 102.3 |
| 2011 | 44     | 99.4  | 104.7 | 101.4 | 103.8 | 103.2 | 98.2  | 101.6 | 102.8 |
| 2012 | 72     | 99.9  | 104.8 | 101.2 | 103.9 | 103.7 | 98.2  | 100.4 | 102.7 |
| 2013 | 72     | 98.8  | 103.6 | 100.6 | 102.6 | 102.4 | 97.9  | 102.1 | 101.8 |
| 2014 | 58     | 99.7  | 103.8 | 101.1 | 103.3 | 103.2 | 98.2  | 103.1 | 102.5 |
| 2015 | 27     | 99.5  | 103.9 | 100.9 | 103.4 | 103.5 | 97.8  | 103.5 | 102.4 |

Tabel: 188 Fleck Vieh: Gebruikskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | MS   | Kar   | SCC   | SKM   | KM    |
|------|--------|------|-------|-------|-------|-------|
| 1992 | 10     | 97.7 | 70.4  | 102.1 | 103.3 | 103.2 |
| 1993 | 12     | 97.9 | 33.8  | 103.5 | 104.8 | 103.8 |
| 1994 | 18     | 96.8 | 78.3  | 103.1 | 104.1 | 103.9 |
| 1995 | 26     | 96.2 | 81.0  | 103.6 | 104.0 | 103.6 |
| 1996 | 19     | 96.6 | 73.8  | 103.1 | 104.3 | 103.6 |
| 1997 | 25     | 96.7 | 91.9  | 103.3 | 104.3 | 103.8 |
| 1998 | 18     | 96.3 | 56.6  | 103.3 | 104.5 | 103.7 |
| 1999 | 28     | 96.8 | 90.2  | 102.8 | 104.2 | 103.4 |
| 2000 | 14     | 95.7 | 64.0  | 103.0 | 103.6 | 103.6 |
| 2001 | 28     | 95.7 | 89.0  | 102.0 | 103.0 | 103.2 |
| 2002 | 16     | 95.6 | 87.8  | 101.9 | 104.2 | 104.1 |
| 2003 | 18     | 95.8 | 83.8  | 102.0 | 104.2 | 104.2 |
| 2004 | 16     | 95.8 | 81.4  | 102.4 | 103.6 | 103.6 |
| 2005 | 20     | 97.2 | 84.8  | 102.3 | 103.3 | 103.5 |
| 2006 | 21     | 97.0 | 90.5  | 102.7 | 104.2 | 103.7 |
| 2008 | 18     | 97.1 | 84.3  | 102.3 | 103.5 | 103.3 |
| 2009 | 25     | 96.8 | 80.7  | 102.8 | 103.9 | 103.7 |
| 2011 | 10     | 96.8 | 101.0 | 102.6 | 103.4 | 103.2 |
| 2013 | 43     | 97.1 | 91.0  | 103.4 | 103.3 | 102.9 |
| 2014 | 16     | 97.2 | 100.6 | 103.9 | 104.3 | 103.3 |

Tabel: 189 Fleck Vieh: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | NVI   | INET  | Lvd   | Ugh   | Vru   | U     | B     | Gin   |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1987 | 10     | 27.4  | -17.4 | 149.5 | 104.3 | 102.1 | 95.8  | 98.5  | 101.5 |
| 1990 | 23     | 59.8  | -0.5  | 222.1 | 104.7 | 103.5 | 97.1  | 98.3  | 101.9 |
| 1991 | 13     | 54.4  | -18.3 | 250.0 | 105.0 | 103.1 | 97.2  | 97.2  | 102.5 |
| 1992 | 20     | 49.8  | -27.5 | 252.2 | 103.7 | 102.2 | 96.7  | 98.9  | 102.0 |
| 1993 | 21     | 71.9  | -25.4 | 306.4 | 104.8 | 102.7 | 96.4  | 101.0 | 102.2 |
| 1994 | 28     | 88.5  | 16.7  | 294.8 | 104.5 | 103.0 | 96.8  | 100.5 | 102.5 |
| 1995 | 42     | 92.6  | 14.8  | 307.0 | 104.2 | 103.5 | 98.1  | 99.2  | 102.9 |
| 1996 | 33     | 85.2  | -6.4  | 286.0 | 104.4 | 103.7 | 98.3  | 100.0 | 102.5 |
| 1997 | 42     | 100.4 | 33.7  | 293.6 | 104.5 | 103.7 | 98.5  | 99.2  | 102.7 |
| 1998 | 45     | 86.9  | 18.6  | 233.6 | 104.5 | 103.0 | 98.0  | 99.6  | 102.0 |
| 1999 | 66     | 84.5  | 15.5  | 229.9 | 104.2 | 102.6 | 97.2  | 99.3  | 101.8 |
| 2000 | 42     | 65.9  | -4.3  | 200.2 | 104.0 | 101.7 | 96.9  | 99.6  | 102.3 |
| 2001 | 88     | 68.0  | -21.5 | 235.4 | 103.5 | 102.4 | 97.6  | 100.1 | 103.0 |
| 2002 | 74     | 74.1  | -41.4 | 242.9 | 104.6 | 102.5 | 97.7  | 99.4  | 102.6 |
| 2003 | 54     | 87.4  | -11.0 | 253.9 | 104.8 | 102.4 | 97.3  | 98.3  | 102.2 |
| 2004 | 67     | 91.1  | 23.8  | 230.8 | 104.0 | 102.2 | 98.1  | 98.5  | 102.5 |
| 2005 | 87     | 74.1  | 11.9  | 213.7 | 103.8 | 102.3 | 96.4  | 98.6  | 102.7 |
| 2006 | 123    | 94.3  | 21.8  | 265.0 | 104.5 | 102.5 | 97.1  | 98.8  | 102.2 |
| 2007 | 35     | 129.7 | 109.5 | 218.0 | 103.8 | 102.1 | 98.1  | 102.3 | 102.6 |
| 2008 | 75     | 119.3 | 75.6  | 237.1 | 103.8 | 102.5 | 97.5  | 99.9  | 103.5 |
| 2009 | 87     | 119.0 | 88.4  | 250.4 | 104.2 | 102.9 | 98.6  | 98.4  | 103.4 |
| 2010 | 38     | 97.9  | 23.6  | 233.9 | 104.5 | 102.3 | 103.0 | 96.0  | 102.9 |
| 2011 | 36     | 133.2 | 110.6 | 250.8 | 103.7 | 102.8 | 97.4  | 98.9  | 103.1 |
| 2012 | 33     | 151.0 | 137.8 | 292.0 | 103.7 | 102.7 | 98.8  | 103.6 | 103.5 |
| 2013 | 52     | 130.2 | 185.7 | 249.2 | 103.5 | 101.8 | 99.2  | 98.9  | 103.6 |
| 2014 | 38     | 161.8 | 192.0 | 293.9 | 104.0 | 102.5 | 98.1  | 99.9  | 103.7 |
| 2015 | 27     | 159.5 | 200.4 | 293.9 | 103.8 | 102.4 | 97.8  | 101.4 | 104.5 |

Tabel: 190 Fleck Vieh: Levensvatbaarheidskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | LVg  | LVa   | LVg1 | LVa1  | LVg2  | LVa2  |
|------|--------|------|-------|------|-------|-------|-------|
| 1990 | 10     | 97.2 | 103.5 | 97.2 | 103.5 | 99.0  | 104.6 |
| 1992 | 11     | 97.0 | 103.6 | 97.0 | 103.6 | 98.9  | 104.8 |
| 1993 | 13     | 96.8 | 104.3 | 96.8 | 104.3 | 99.4  | 105.2 |
| 1994 | 23     | 97.6 | 104.1 | 97.6 | 104.1 | 99.2  | 104.8 |
| 1995 | 35     | 98.1 | 104.3 | 98.1 | 104.3 | 99.1  | 105.2 |
| 1996 | 26     | 97.9 | 104.0 | 97.9 | 104.0 | 99.2  | 105.2 |
| 1997 | 33     | 98.0 | 104.1 | 98.0 | 104.1 | 99.2  | 104.7 |
| 1998 | 28     | 97.3 | 103.6 | 97.3 | 103.6 | 98.4  | 104.1 |
| 1999 | 41     | 97.3 | 103.3 | 97.3 | 103.3 | 98.0  | 104.3 |
| 2000 | 20     | 98.0 | 103.5 | 98.0 | 103.5 | 99.3  | 105.1 |
| 2001 | 42     | 98.9 | 103.4 | 98.9 | 103.4 | 99.7  | 104.8 |
| 2002 | 29     | 97.8 | 103.0 | 97.8 | 103.0 | 99.4  | 104.4 |
| 2003 | 36     | 98.2 | 102.4 | 98.2 | 102.4 | 99.6  | 104.2 |
| 2004 | 27     | 98.4 | 102.3 | 98.4 | 102.3 | 99.3  | 103.8 |
| 2005 | 32     | 98.4 | 102.9 | 98.4 | 102.9 | 98.9  | 104.5 |
| 2006 | 33     | 99.1 | 102.7 | 99.1 | 102.7 | 99.8  | 104.5 |
| 2007 | 25     | 98.4 | 94.8  | 98.4 | 94.8  | 99.6  | 95.9  |
| 2008 | 22     | 99.1 | 103.2 | 99.1 | 103.2 | 99.7  | 104.5 |
| 2009 | 11     | 99.2 | 103.2 | 99.2 | 103.2 | 100.4 | 104.2 |

Tabel: 191 Fleck Vieh: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Geb  | DDt   | DGw   | Afk   | MDt  | MGw  |
|------|--------|------|-------|-------|-------|------|------|
| 1990 | 19     | 90.8 | 113.4 | 114.3 | 60.5  | 46.4 | 48.0 |
| 1992 | 19     | 91.2 | 114.2 | 113.7 | 65.8  | 51.7 | 53.9 |
| 1993 | 17     | 92.8 | 113.7 | 111.5 | 80.8  | 63.4 | 66.1 |
| 1994 | 26     | 91.2 | 114.1 | 113.0 | 88.3  | 69.8 | 72.0 |
| 1995 | 44     | 91.6 | 113.6 | 112.9 | 93.2  | 72.8 | 76.0 |
| 1996 | 28     | 91.6 | 114.1 | 112.6 | 105.9 | 84.0 | 87.0 |
| 1997 | 39     | 91.8 | 113.7 | 112.2 | 94.3  | 73.1 | 76.5 |
| 1998 | 39     | 92.3 | 113.3 | 111.7 | 75.7  | 60.5 | 62.3 |
| 1999 | 57     | 91.5 | 113.4 | 112.8 | 86.2  | 66.7 | 69.4 |
| 2000 | 34     | 91.5 | 114.0 | 113.1 | 67.0  | 53.7 | 55.1 |
| 2001 | 53     | 92.3 | 112.9 | 112.1 | 94.8  | 74.6 | 77.5 |
| 2002 | 57     | 93.7 | 112.3 | 110.1 | 80.5  | 63.6 | 66.6 |
| 2003 | 45     | 93.4 | 112.6 | 110.5 | 99.3  | 78.4 | 82.1 |
| 2004 | 51     | 94.8 | 111.9 | 109.0 | 98.6  | 77.7 | 81.6 |
| 2005 | 63     | 92.8 | 112.3 | 111.3 | 85.5  | 65.7 | 69.8 |
| 2006 | 83     | 93.9 | 110.9 | 110.1 | 93.5  | 72.6 | 76.8 |
| 2007 | 36     | 94.4 | 112.2 | 109.6 | 89.2  | 69.3 | 73.4 |
| 2008 | 61     | 93.3 | 112.0 | 111.0 | 95.8  | 74.4 | 78.3 |
| 2009 | 69     | 91.5 | 112.5 | 113.0 | 101.6 | 78.7 | 81.6 |
| 2010 | 55     | 91.3 | 113.5 | 113.2 | 95.7  | 73.6 | 77.5 |
| 2011 | 29     | 91.7 | 113.2 | 112.9 | 111.2 | 86.2 | 90.0 |
| 2012 | 77     | 91.4 | 113.0 | 113.4 | 104.4 | 80.7 | 84.0 |
| 2013 | 81     | 91.7 | 113.2 | 113.0 | 100.9 | 77.8 | 81.1 |
| 2014 | 45     | 92.0 | 113.2 | 112.6 | 96.5  | 74.7 | 78.8 |
| 2015 | 23     | 93.3 | 110.7 | 111.3 | 115.3 | 88.7 | 92.5 |
| 2016 | 31     | 94.6 | 110.5 | 110.3 | 104.5 | 79.9 | 83.2 |
| 2017 | 37     | 92.9 | 111.1 | 112.0 | 89.6  | 70.0 | 72.8 |
| 2018 | 19     | 93.8 | 110.0 | 110.7 | 60.2  | 47.4 | 48.4 |

Tabel: 192 Fleck Vieh: Vleeskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1990 | 18     | 106.4 | 113.7 | 100.1 | 108.1 | 107.1 | 102.3 | 105.2 | 98.4 | 110.8 | 100.5 | 111.8 |
| 1992 | 18     | 105.8 | 112.6 | 99.2  | 108.2 | 106.1 | 102.3 | 103.9 | 98.9 | 111.3 | 100.7 | 111.6 |
| 1993 | 18     | 106.1 | 113.5 | 100.5 | 107.2 | 107.2 | 103.4 | 104.2 | 98.9 | 111.3 | 100.1 | 112.0 |
| 1994 | 27     | 106.7 | 113.4 | 101.3 | 107.3 | 107.3 | 103.2 | 105.0 | 98.9 | 110.8 | 100.6 | 112.3 |
| 1995 | 40     | 106.5 | 113.2 | 101.0 | 107.4 | 106.6 | 103.0 | 105.1 | 98.6 | 110.6 | 101.0 | 111.8 |
| 1996 | 26     | 106.3 | 113.5 | 100.5 | 107.2 | 106.8 | 102.7 | 104.5 | 99.1 | 111.1 | 100.3 | 111.6 |
| 1997 | 36     | 106.2 | 113.9 | 100.5 | 107.2 | 107.0 | 102.9 | 104.8 | 98.7 | 111.2 | 100.4 | 111.5 |
| 1998 | 37     | 106.0 | 113.7 | 100.2 | 107.3 | 106.8 | 102.9 | 104.6 | 98.2 | 110.9 | 100.5 | 111.5 |
| 1999 | 50     | 106.7 | 113.2 | 100.8 | 107.1 | 107.5 | 102.6 | 105.3 | 98.4 | 111.2 | 100.9 | 111.6 |
| 2000 | 28     | 105.3 | 113.8 | 99.6  | 108.0 | 107.6 | 102.6 | 103.3 | 98.8 | 111.0 | 101.0 | 109.2 |
| 2001 | 36     | 105.2 | 113.6 | 100.0 | 108.1 | 108.1 | 102.6 | 103.2 | 98.5 | 110.8 | 101.8 | 108.0 |
| 2002 | 38     | 106.2 | 115.1 | 99.8  | 108.9 | 109.7 | 102.8 | 103.9 | 98.9 | 111.5 | 102.1 | 108.5 |
| 2003 | 30     | 105.3 | 115.2 | 101.0 | 109.1 | 107.9 | 102.5 | 102.4 | 99.2 | 109.5 | 97.3  | 115.1 |
| 2004 | 30     | 105.4 | 115.4 | 101.3 | 109.2 | 108.1 | 102.9 | 102.6 | 99.2 | 109.4 | 97.7  | 114.9 |
| 2005 | 34     | 105.1 | 114.3 | 101.5 | 107.9 | 108.8 | 103.3 | 102.5 | 98.5 | 110.7 | 100.2 | 110.9 |
| 2006 | 43     | 105.3 | 114.5 | 101.1 | 108.0 | 108.9 | 102.7 | 102.9 | 98.2 | 110.9 | 99.3  | 112.1 |
| 2007 | 15     | 105.3 | 113.2 | 100.5 | 107.5 | 106.7 | 102.4 | 102.9 | 99.8 | 109.4 | 97.9  | 113.8 |
| 2008 | 33     | 104.8 | 114.0 | 101.2 | 108.2 | 107.1 | 102.7 | 102.6 | 98.4 | 109.4 | 98.4  | 113.8 |
| 2009 | 33     | 105.7 | 114.2 | 100.2 | 109.0 | 107.5 | 103.2 | 103.9 | 98.5 | 110.6 | 101.3 | 111.1 |
| 2010 | 22     | 105.6 | 112.7 | 100.5 | 107.2 | 108.2 | 102.0 | 104.2 | 97.6 | 110.4 | 100.7 | 109.6 |
| 2011 | 11     | 104.9 | 113.2 | 101.7 | 107.5 | 106.8 | 103.2 | 103.4 | 97.6 | 109.0 | 99.5  | 112.9 |

|      |    |       |       |       |       |       |       |       |      |       |       |       |
|------|----|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 2012 | 26 | 105.3 | 112.8 | 101.2 | 108.3 | 106.3 | 103.0 | 103.6 | 98.7 | 109.0 | 100.1 | 112.3 |
| 2013 | 15 | 105.6 | 111.0 | 101.1 | 107.3 | 105.6 | 102.6 | 104.2 | 99.1 | 108.2 | 99.7  | 112.1 |

Tabel: 193 Fleck Vieh: Kalvervitaliteit  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1990 | 10     | 96.1  | 97.1  | 90.7  |
| 1992 | 10     | 95.7  | 96.2  | 90.7  |
| 1993 | 12     | 96.8  | 97.5  | 90.2  |
| 1994 | 22     | 95.2  | 96.1  | 92.0  |
| 1995 | 36     | 96.0  | 97.2  | 90.5  |
| 1996 | 25     | 96.5  | 97.6  | 91.0  |
| 1997 | 31     | 95.9  | 96.5  | 91.6  |
| 1998 | 26     | 96.8  | 97.9  | 91.8  |
| 1999 | 42     | 96.4  | 97.2  | 91.6  |
| 2000 | 20     | 94.8  | 95.7  | 92.5  |
| 2001 | 44     | 94.2  | 94.8  | 91.9  |
| 2002 | 31     | 95.5  | 96.0  | 92.5  |
| 2003 | 37     | 96.4  | 96.9  | 91.9  |
| 2004 | 29     | 95.8  | 96.3  | 92.4  |
| 2005 | 31     | 96.6  | 96.8  | 91.6  |
| 2006 | 32     | 97.0  | 97.2  | 92.3  |
| 2007 | 23     | 96.7  | 97.3  | 92.5  |
| 2008 | 21     | 96.5  | 96.9  | 92.1  |
| 2009 | 10     | 97.7  | 97.9  | 91.3  |

Tabel: 194 Fleck Vieh: Levensproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | LPin   | LPkgM   | LPkgV | LPkgE |
|------|--------|--------|---------|-------|-------|
| 2001 | 74     | 1213.2 | 6806.8  | 192.4 | 174.9 |
| 2002 | 66     | 1090.5 | 6442.8  | 170.2 | 157.6 |
| 2003 | 49     | 1285.8 | 7273.1  | 206.6 | 183.8 |
| 2004 | 59     | 1283.2 | 7194.3  | 205.3 | 184.1 |
| 2005 | 74     | 1111.9 | 6392.9  | 178.2 | 158.8 |
| 2006 | 111    | 1476.8 | 8103.1  | 234.9 | 213.2 |
| 2007 | 34     | 1541.9 | 8105.3  | 253.3 | 219.6 |
| 2008 | 69     | 1552.7 | 8205.4  | 251.5 | 223.0 |
| 2009 | 79     | 1664.2 | 8577.2  | 276.1 | 236.3 |
| 2010 | 34     | 1268.3 | 7124.9  | 203.6 | 181.6 |
| 2011 | 34     | 1742.2 | 9078.0  | 289.7 | 246.8 |
| 2012 | 31     | 2211.5 | 10561.2 | 370.7 | 315.1 |
| 2013 | 47     | 2062.1 | 10467.3 | 344.6 | 292.3 |
| 2014 | 40     | 2413.7 | 11564.4 | 420.6 | 335.6 |
| 2015 | 23     | 2550.9 | 12241.0 | 421.4 | 366.2 |

Tabel: 195 Fleck Vieh: Robot / AMS kenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Eff  | Int   | Gewen |
|------|--------|------|-------|-------|
| 1990 | 13     | 94.4 | 111.8 | 97.5  |

|      |    |      |       |      |
|------|----|------|-------|------|
| 1992 | 12 | 96.1 | 111.9 | 98.1 |
| 1993 | 10 | 97.1 | 112.3 | 98.4 |
| 1994 | 22 | 96.5 | 111.1 | 99.0 |
| 1995 | 34 | 96.3 | 112.1 | 98.2 |
| 1996 | 22 | 95.9 | 111.5 | 98.4 |
| 1997 | 32 | 97.2 | 112.2 | 97.9 |
| 1998 | 27 | 96.5 | 112.3 | 97.9 |
| 1999 | 41 | 97.0 | 112.1 | 98.2 |
| 2000 | 20 | 95.8 | 112.5 | 98.0 |
| 2001 | 38 | 97.6 | 112.1 | 97.3 |
| 2002 | 23 | 95.8 | 112.3 | 98.5 |
| 2003 | 30 | 96.6 | 113.3 | 97.8 |
| 2004 | 27 | 96.9 | 112.5 | 97.3 |
| 2005 | 36 | 97.0 | 111.6 | 98.2 |
| 2006 | 29 | 97.2 | 113.5 | 97.3 |
| 2007 | 14 | 97.0 | 113.9 | 97.3 |
| 2008 | 18 | 96.6 | 111.7 | 97.9 |
| 2009 | 44 | 96.2 | 111.5 | 98.0 |
| 2013 | 32 | 97.1 | 111.3 | 97.9 |
| 2014 | 13 | 97.0 | 113.8 | 99.2 |
| 2015 | 17 | 98.2 | 114.5 | 96.7 |

Tabel: 196 Fleck Vieh: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Pers  | RTM   | Aantal | DSopn | Aantal | Gew   |
|------|--------|-------|-------|--------|-------|--------|-------|
| 1987 | 18     | 100.6 | 99.0  | 18     | 0.3   | 0      | 0.0   |
| 1990 | 25     | 99.7  | 99.3  | 25     | 0.5   | 0      | 0.0   |
| 1991 | 18     | 99.9  | 100.0 | 18     | 0.2   | 0      | 0.0   |
| 1992 | 22     | 98.3  | 98.9  | 22     | 0.2   | 0      | 0.0   |
| 1993 | 25     | 99.8  | 99.6  | 25     | 0.4   | 0      | 0.0   |
| 1994 | 30     | 99.1  | 99.4  | 31     | 0.7   | 0      | 0.0   |
| 1995 | 45     | 99.4  | 98.1  | 46     | 0.6   | 0      | 0.0   |
| 1996 | 37     | 99.2  | 98.9  | 37     | 0.4   | 0      | 0.0   |
| 1997 | 44     | 99.9  | 98.8  | 44     | 0.8   | 0      | 0.0   |
| 1998 | 49     | 99.4  | 98.5  | 49     | 0.4   | 0      | 0.0   |
| 1999 | 68     | 99.2  | 98.7  | 68     | 0.6   | 0      | 0.0   |
| 2000 | 48     | 99.4  | 100.1 | 48     | 0.3   | 0      | 0.0   |
| 2001 | 96     | 98.6  | 100.3 | 96     | 0.2   | 28     | 104.4 |
| 2002 | 85     | 97.7  | 99.4  | 85     | -0.0  | 18     | 102.9 |
| 2003 | 57     | 99.1  | 98.8  | 57     | 0.5   | 19     | 103.4 |
| 2004 | 70     | 98.0  | 100.3 | 70     | 0.7   | 15     | 103.7 |
| 2005 | 89     | 97.8  | 100.0 | 89     | 0.5   | 21     | 102.1 |
| 2006 | 127    | 99.0  | 99.5  | 127    | 0.7   | 21     | 103.0 |
| 2007 | 35     | 99.3  | 99.3  | 35     | 1.9   | 11     | 106.2 |
| 2008 | 76     | 99.0  | 100.0 | 76     | 1.3   | 20     | 103.2 |
| 2009 | 88     | 99.6  | 99.8  | 89     | 1.4   | 24     | 100.9 |
| 2010 | 38     | 98.2  | 100.5 | 38     | 0.9   | 1      | 102.0 |
| 2011 | 38     | 100.1 | 99.5  | 38     | 1.7   | 11     | 103.0 |
| 2012 | 34     | 100.5 | 99.8  | 34     | 1.9   | 5      | 107.0 |
| 2013 | 52     | 100.3 | 98.6  | 55     | 2.0   | 37     | 102.1 |
| 2014 | 38     | 100.8 | 99.5  | 43     | 2.3   | 14     | 105.1 |
| 2015 | 27     | 100.8 | 98.4  | 27     | 2.5   | 8      | 106.4 |

Tabel: 197 Brown Swiss: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V   | %E   | %L   | INET   |
|------|--------|---------|-------|-------|-------|------|------|------|--------|
| 1990 | 10     | -1135.4 | -44.5 | -34.8 | -51.8 | 9.2  | 8.6  | -0.2 | -251.7 |
| 1991 | 16     | -1247.3 | -39.9 | -39.5 | -56.9 | 24.2 | 8.5  | -0.2 | -263.1 |
| 1992 | 18     | -1310.4 | -48.8 | -42.2 | -59.8 | 14.9 | 7.3  | -0.2 | -293.6 |
| 1993 | 19     | -1348.4 | -47.0 | -42.5 | -61.6 | 20.3 | 9.1  | -0.3 | -291.3 |
| 1994 | 21     | -1191.4 | -46.3 | -37.5 | -54.4 | 11.0 | 8.3  | -0.2 | -267.2 |
| 1995 | 21     | -1151.1 | -43.0 | -34.3 | -52.5 | 12.5 | 10.3 | -0.3 | -246.8 |
| 1996 | 20     | -933.4  | -36.9 | -31.8 | -42.6 | 7.0  | 2.7  | -0.1 | -220.4 |
| 1997 | 20     | -1156.8 | -44.4 | -37.9 | -52.8 | 10.9 | 5.7  | -0.2 | -264.4 |
| 1998 | 28     | -1168.5 | -42.0 | -36.4 | -53.3 | 15.4 | 8.5  | -0.3 | -253.4 |
| 1999 | 15     | -906.2  | -33.9 | -27.5 | -41.4 | 9.5  | 7.2  | -0.3 | -196.5 |
| 2000 | 24     | -933.3  | -38.5 | -30.7 | -42.6 | 5.1  | 4.1  | -0.1 | -219.5 |
| 2001 | 18     | -996.2  | -36.9 | -29.4 | -45.0 | 11.4 | 9.2  | 0.6  | -211.6 |
| 2002 | 13     | -1019.3 | -33.8 | -29.7 | -44.1 | 17.1 | 10.2 | 3.1  | -205.9 |
| 2003 | 26     | -947.3  | -36.8 | -30.9 | -42.3 | 8.3  | 4.7  | 1.0  | -217.0 |
| 2004 | 10     | -615.1  | -19.7 | -18.5 | -28.0 | 10.9 | 4.9  | -0.1 | -125.6 |
| 2005 | 10     | -863.6  | -26.0 | -24.5 | -39.2 | 17.8 | 9.1  | 0.2  | -166.9 |
| 2006 | 15     | -737.5  | -30.1 | -24.3 | -33.7 | 4.5  | 3.3  | -0.3 | -173.1 |
| 2012 | 10     | -273.3  | -11.8 | -7.5  | -12.9 | 1.3  | 3.9  | -0.8 | -59.5  |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 198 Brown Swiss: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | H    | VH    | IH   | OH   | CS    | KL    | KB   |
|------|--------|------|-------|------|------|-------|-------|------|
| 1991 | 14     | 96.9 | 99.8  | 94.6 | 93.9 | 103.4 | 100.2 | 89.5 |
| 1992 | 14     | 97.4 | 99.6  | 95.1 | 94.3 | 103.2 | 100.8 | 89.5 |
| 1993 | 16     | 97.1 | 100.2 | 94.7 | 94.2 | 104.5 | 100.0 | 88.9 |
| 1994 | 16     | 97.1 | 100.2 | 94.6 | 94.2 | 104.3 | 100.6 | 88.9 |
| 1995 | 13     | 95.8 | 100.2 | 95.6 | 94.5 | 103.8 | 99.6  | 87.9 |
| 1996 | 14     | 98.7 | 100.6 | 96.1 | 95.4 | 103.5 | 99.8  | 89.4 |
| 1997 | 11     | 99.5 | 100.4 | 95.8 | 94.8 | 103.6 | 102.0 | 89.9 |
| 1998 | 16     | 97.7 | 100.8 | 95.7 | 94.4 | 104.4 | 100.1 | 89.0 |
| 1999 | 12     | 98.1 | 100.2 | 95.4 | 95.3 | 103.4 | 101.0 | 90.0 |
| 2000 | 17     | 97.3 | 100.8 | 95.8 | 94.9 | 103.8 | 100.9 | 89.5 |
| 2003 | 16     | 97.9 | 99.9  | 95.2 | 94.6 | 103.9 | 100.9 | 88.9 |

Tabel: 199 Brown Swiss: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | BA    | BZ   | KH    | BG    |
|------|--------|-------|------|-------|-------|
| 1991 | 14     | 110.0 | 96.8 | 109.9 | 108.6 |
| 1992 | 14     | 109.4 | 96.4 | 110.4 | 107.8 |
| 1993 | 16     | 109.9 | 95.4 | 111.6 | 109.1 |
| 1994 | 16     | 110.9 | 95.8 | 111.7 | 109.6 |
| 1995 | 13     | 108.7 | 96.1 | 109.4 | 107.9 |
| 1996 | 14     | 110.3 | 95.6 | 110.6 | 108.4 |
| 1997 | 11     | 110.5 | 95.4 | 112.3 | 108.8 |
| 1998 | 16     | 110.1 | 94.9 | 112.2 | 108.7 |
| 1999 | 12     | 109.6 | 95.4 | 110.7 | 108.1 |
| 2000 | 17     | 109.2 | 94.9 | 109.9 | 107.3 |
| 2003 | 16     | 110.7 | 93.6 | 112.0 | 109.0 |

Tabel: 200 Brown Swiss: Exterieurkenmerken uier  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | VA   | VP    | SL    | UD   | AH   | OB   | AP   |
|------|--------|------|-------|-------|------|------|------|------|
| 1991 | 14     | 97.8 | 99.1  | 105.9 | 98.4 | 90.2 | 94.6 | 96.0 |
| 1992 | 14     | 96.7 | 99.0  | 106.2 | 96.9 | 89.9 | 94.4 | 96.1 |
| 1993 | 16     | 97.1 | 99.3  | 107.1 | 97.4 | 89.9 | 93.8 | 95.6 |
| 1994 | 16     | 97.9 | 99.6  | 105.7 | 97.4 | 90.6 | 94.7 | 96.8 |
| 1995 | 13     | 97.2 | 99.5  | 105.1 | 95.5 | 88.7 | 93.5 | 96.0 |
| 1996 | 14     | 97.6 | 99.1  | 105.3 | 97.6 | 89.9 | 95.0 | 96.7 |
| 1997 | 11     | 97.3 | 98.6  | 106.3 | 98.0 | 90.0 | 94.9 | 96.8 |
| 1998 | 16     | 97.5 | 98.8  | 106.2 | 97.4 | 89.7 | 95.2 | 96.5 |
| 1999 | 12     | 97.3 | 100.0 | 105.1 | 97.2 | 90.3 | 95.5 | 97.3 |
| 2000 | 17     | 96.7 | 98.4  | 105.5 | 96.8 | 89.3 | 94.2 | 95.1 |
| 2003 | 16     | 97.6 | 98.9  | 105.7 | 98.2 | 90.6 | 95.8 | 96.8 |

Tabel: 201 Brown Swiss: Exterieurkenmerken bovenbalk  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | F    | T    | U    | B     | Bs  | Ext  |
|------|--------|------|------|------|-------|-----|------|
| 1991 | 14     | 92.7 | 96.2 | 94.1 | 109.6 | 0.0 | 99.2 |
| 1992 | 14     | 93.2 | 96.5 | 93.1 | 108.8 | 0.0 | 98.4 |
| 1993 | 16     | 92.4 | 97.1 | 93.3 | 109.8 | 0.0 | 98.9 |
| 1994 | 16     | 92.8 | 97.0 | 93.8 | 110.3 | 0.0 | 99.6 |
| 1995 | 13     | 92.1 | 96.7 | 92.2 | 108.5 | 0.0 | 97.6 |
| 1996 | 14     | 93.1 | 97.4 | 93.6 | 109.1 | 0.0 | 99.1 |
| 1997 | 11     | 94.5 | 97.3 | 93.5 | 109.8 | 0.0 | 99.8 |
| 1998 | 16     | 93.1 | 97.3 | 93.4 | 109.3 | 0.0 | 99.1 |
| 1999 | 12     | 93.8 | 97.3 | 93.7 | 108.7 | 0.0 | 98.9 |
| 2000 | 17     | 93.8 | 97.2 | 93.1 | 107.6 | 0.0 | 97.9 |
| 2003 | 16     | 92.9 | 96.9 | 94.2 | 108.9 | 0.0 | 99.1 |

Tabel: 202 Brown Swiss: Vruchtbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1991 | 14     | 102.8 | 106.4 | 105.7 | 105.4 | 104.6 | 97.9  | 89.6 | 105.8 |
| 1992 | 16     | 102.4 | 105.8 | 104.8 | 104.6 | 104.0 | 96.9  | 89.2 | 105.0 |
| 1993 | 17     | 102.5 | 105.5 | 105.1 | 104.5 | 103.9 | 97.0  | 88.4 | 105.0 |
| 1994 | 19     | 103.2 | 105.2 | 105.4 | 104.6 | 104.5 | 97.5  | 88.7 | 105.3 |
| 1995 | 18     | 103.3 | 104.0 | 104.7 | 103.6 | 104.3 | 97.4  | 87.7 | 104.4 |
| 1996 | 20     | 102.5 | 105.3 | 104.5 | 104.2 | 104.0 | 97.5  | 89.3 | 104.7 |
| 1997 | 17     | 102.8 | 105.2 | 104.9 | 104.5 | 104.1 | 97.4  | 89.2 | 104.9 |
| 1998 | 24     | 102.3 | 105.7 | 105.0 | 104.6 | 104.1 | 97.1  | 88.6 | 105.0 |
| 1999 | 15     | 102.6 | 105.1 | 104.9 | 104.3 | 103.9 | 96.7  | 88.8 | 104.9 |
| 2000 | 23     | 103.5 | 104.6 | 105.0 | 104.3 | 104.5 | 97.3  | 88.8 | 104.9 |
| 2001 | 19     | 102.6 | 106.0 | 105.3 | 104.9 | 104.3 | 97.4  | 89.6 | 105.4 |
| 2002 | 14     | 102.6 | 104.7 | 104.0 | 103.9 | 103.7 | 96.4  | 89.1 | 104.1 |
| 2003 | 25     | 102.5 | 105.4 | 104.8 | 104.5 | 104.0 | 97.1  | 89.6 | 104.9 |
| 2004 | 13     | 103.2 | 104.5 | 104.7 | 104.0 | 104.5 | 97.7  | 90.0 | 104.6 |
| 2005 | 10     | 103.2 | 105.2 | 105.5 | 104.8 | 104.2 | 97.2  | 89.8 | 105.4 |
| 2006 | 14     | 102.5 | 104.1 | 104.2 | 103.6 | 103.6 | 97.4  | 90.0 | 104.0 |
| 2010 | 10     | 102.6 | 104.8 | 104.9 | 104.5 | 104.0 | 96.7  | 90.8 | 104.9 |
| 2012 | 11     | 102.5 | 104.5 | 104.3 | 104.2 | 103.7 | 96.8  | 90.9 | 104.5 |



Tabel: 203 Brown Swiss: Gebruikskenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | MS   | Kar   | SCC   | SKM   | KM    |
|------|--------|------|-------|-------|-------|-------|
| 1992 | 13     | 96.5 | 83.8  | 100.2 | 100.3 | 102.4 |
| 1993 | 14     | 95.1 | 100.9 | 99.4  | 99.7  | 101.8 |
| 1994 | 16     | 97.8 | 94.9  | 100.3 | 100.6 | 102.8 |
| 1995 | 14     | 99.1 | 79.6  | 100.4 | 100.6 | 103.3 |
| 1996 | 16     | 97.2 | 86.6  | 100.9 | 101.3 | 102.7 |
| 1997 | 12     | 95.8 | 90.9  | 100.4 | 100.1 | 102.9 |
| 1998 | 16     | 95.7 | 87.4  | 100.9 | 100.9 | 103.1 |
| 1999 | 10     | 96.6 | 90.1  | 100.4 | 100.3 | 102.7 |
| 2000 | 18     | 97.1 | 94.2  | 100.8 | 101.3 | 103.2 |
| 2003 | 16     | 96.0 | 93.6  | 101.3 | 101.0 | 103.1 |

Tabel: 204 Brown Swiss: NVI met onderliggende kenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | NVI   | INET   | Lvd   | Ugh   | Vru   | U    | B     | Gin   |
|------|--------|-------|--------|-------|-------|-------|------|-------|-------|
| 1991 | 16     | -22.2 | -263.1 | -41.5 | 101.9 | 105.8 | 94.1 | 109.6 | 103.2 |
| 1992 | 18     | -36.5 | -293.6 | 47.6  | 101.7 | 105.0 | 93.1 | 108.8 | 104.0 |
| 1993 | 18     | -38.3 | -291.3 | -20.5 | 101.1 | 105.0 | 93.3 | 109.8 | 104.1 |
| 1994 | 21     | -12.6 | -267.2 | 59.5  | 102.2 | 105.3 | 93.8 | 110.3 | 104.2 |
| 1995 | 21     | -23.0 | -246.8 | 7.3   | 102.4 | 104.4 | 92.2 | 108.5 | 103.9 |
| 1996 | 20     | 2.7   | -220.4 | 102.2 | 102.4 | 104.7 | 93.6 | 109.1 | 103.5 |
| 1997 | 20     | -25.9 | -264.4 | 12.4  | 101.9 | 104.9 | 93.5 | 109.8 | 103.7 |
| 1998 | 28     | -14.5 | -253.4 | 32.8  | 102.5 | 105.0 | 93.4 | 109.3 | 103.9 |
| 1999 | 15     | 4.9   | -196.5 | 10.9  | 101.9 | 104.9 | 93.7 | 108.7 | 104.2 |
| 2000 | 24     | -0.8  | -219.5 | 52.9  | 102.6 | 104.9 | 93.1 | 107.6 | 104.4 |
| 2001 | 18     | 22.4  | -211.6 | 113.2 | 102.9 | 105.4 | 94.4 | 110.8 | 104.7 |
| 2002 | 13     | 13.7  | -205.9 | 64.5  | 103.3 | 104.1 | 94.0 | 109.1 | 104.1 |
| 2003 | 26     | 13.0  | -217.0 | 104.8 | 102.6 | 104.9 | 94.2 | 108.9 | 104.5 |
| 2004 | 10     | 79.6  | -125.6 | 282.9 | 103.2 | 104.6 | 95.8 | 111.7 | 104.0 |
| 2005 | 10     | 40.6  | -166.9 | 76.6  | 103.9 | 105.4 | 94.5 | 109.2 | 104.3 |
| 2006 | 15     | 30.7  | -173.1 | 151.7 | 102.7 | 104.0 | 95.7 | 109.8 | 103.6 |
| 2012 | 10     | 88.8  | -59.5  | 248.3 | 104.7 | 104.5 | 94.3 | 107.7 | 104.6 |

Tabel: 205 Brown Swiss: Levensvatbaarheidskenmerken  
 Basis: Melkdoel rood  
 Land: VL

| Jaar | Aantal | LVg  | LVa   | LVg1 | LVa1  | LVg2 | LVa2  |
|------|--------|------|-------|------|-------|------|-------|
| 1992 | 13     | 97.2 | 105.9 | 97.2 | 105.9 | 97.8 | 104.6 |
| 1993 | 10     | 98.1 | 105.6 | 98.1 | 105.6 | 98.2 | 103.5 |
| 1994 | 18     | 97.6 | 106.1 | 97.6 | 106.1 | 97.9 | 104.2 |
| 1995 | 11     | 97.7 | 105.5 | 97.7 | 105.5 | 96.7 | 103.1 |
| 1996 | 16     | 96.1 | 106.4 | 96.1 | 106.4 | 96.1 | 105.1 |
| 1997 | 16     | 96.9 | 105.8 | 96.9 | 105.8 | 97.4 | 104.5 |
| 1998 | 15     | 97.3 | 106.0 | 97.3 | 106.0 | 97.5 | 104.2 |
| 1999 | 14     | 98.0 | 105.9 | 98.0 | 105.9 | 98.0 | 104.4 |
| 2000 | 23     | 97.4 | 106.2 | 97.4 | 106.2 | 97.6 | 104.7 |
| 2001 | 15     | 96.4 | 106.9 | 96.4 | 106.9 | 96.5 | 104.6 |

|      |    |      |       |      |       |      |       |
|------|----|------|-------|------|-------|------|-------|
| 2002 | 12 | 96.9 | 106.6 | 96.9 | 106.6 | 97.1 | 104.4 |
| 2003 | 18 | 97.7 | 106.3 | 97.7 | 106.3 | 97.4 | 104.6 |
| 2004 | 14 | 97.6 | 106.0 | 97.6 | 106.0 | 98.1 | 104.5 |
| 2006 | 10 | 97.5 | 105.4 | 97.5 | 105.4 | 97.7 | 104.2 |

Tabel: 206 Brown Swiss: Geboortekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Geb  | DDt   | DGw   | Afk   | MDt  | MGw  |
|------|--------|------|-------|-------|-------|------|------|
| 1992 | 15     | 95.1 | 110.9 | 104.7 | 114.0 | 98.8 | 95.3 |
| 1993 | 14     | 95.7 | 111.7 | 104.2 | 105.3 | 92.3 | 89.6 |
| 1994 | 18     | 95.1 | 110.8 | 104.9 | 112.8 | 98.3 | 96.8 |
| 1995 | 13     | 95.2 | 110.8 | 104.8 | 103.8 | 91.7 | 88.1 |
| 1996 | 17     | 94.1 | 111.4 | 105.6 | 106.6 | 92.5 | 90.1 |
| 1997 | 18     | 94.3 | 112.3 | 105.6 | 107.8 | 93.3 | 90.9 |
| 1998 | 17     | 94.7 | 112.1 | 105.3 | 112.9 | 99.1 | 97.1 |
| 1999 | 16     | 95.1 | 111.8 | 105.0 | 106.2 | 92.6 | 90.1 |
| 2000 | 22     | 96.1 | 110.9 | 103.8 | 114.4 | 98.4 | 94.1 |
| 2001 | 12     | 96.0 | 110.9 | 103.8 | 114.3 | 97.8 | 93.7 |
| 2003 | 18     | 95.6 | 111.1 | 104.6 | 113.4 | 97.4 | 95.5 |
| 2004 | 12     | 94.9 | 112.3 | 104.8 | 112.7 | 98.3 | 96.2 |
| 2006 | 12     | 95.2 | 110.9 | 104.8 | 104.0 | 90.3 | 87.8 |
| 2012 | 11     | 94.5 | 110.7 | 105.1 | 111.5 | 98.4 | 96.8 |

Tabel: 207 Brown Swiss: Vleeskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1991 | 13     | 101.6 | 108.8 | 98.5  | 100.5 | 108.7 | 103.2 | 100.0 | 94.2 | 109.7 | 99.5  | 109.5 |
| 1992 | 15     | 101.4 | 109.1 | 98.2  | 100.7 | 109.3 | 102.7 | 100.1 | 92.9 | 110.3 | 98.9  | 109.7 |
| 1993 | 13     | 100.2 | 109.6 | 97.8  | 100.8 | 108.0 | 103.5 | 98.7  | 93.2 | 110.4 | 99.1  | 109.3 |
| 1994 | 19     | 101.1 | 109.6 | 97.5  | 101.1 | 109.2 | 103.5 | 99.1  | 93.8 | 110.7 | 98.9  | 109.4 |
| 1995 | 18     | 101.1 | 109.3 | 97.8  | 100.3 | 109.2 | 102.8 | 99.2  | 93.8 | 110.6 | 98.6  | 108.8 |
| 1996 | 19     | 101.3 | 108.8 | 97.9  | 100.9 | 108.5 | 102.7 | 100.1 | 93.6 | 109.5 | 98.8  | 109.5 |
| 1997 | 15     | 100.9 | 109.3 | 98.4  | 100.4 | 109.2 | 103.1 | 99.7  | 93.3 | 110.2 | 99.7  | 108.9 |
| 1998 | 18     | 101.3 | 109.2 | 98.2  | 101.0 | 109.2 | 103.2 | 100.2 | 93.2 | 110.2 | 99.6  | 109.4 |
| 1999 | 11     | 101.2 | 108.3 | 97.8  | 100.1 | 108.3 | 102.5 | 99.9  | 94.5 | 109.5 | 98.5  | 109.2 |
| 2000 | 21     | 102.0 | 108.5 | 97.8  | 100.6 | 108.7 | 102.2 | 101.0 | 93.9 | 109.5 | 98.3  | 110.0 |
| 2003 | 20     | 101.6 | 108.4 | 98.0  | 100.5 | 108.2 | 102.7 | 100.5 | 94.1 | 109.2 | 99.5  | 108.8 |

Tabel: 208 Brown Swiss: Kalvervitaliteit  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1992 | 13     | 89.2  | 98.3  | 82.5  |
| 1993 | 10     | 90.8  | 99.6  | 81.9  |
| 1994 | 20     | 90.0  | 98.7  | 82.0  |
| 1995 | 11     | 88.4  | 97.5  | 80.3  |
| 1996 | 17     | 89.5  | 98.8  | 81.3  |
| 1997 | 18     | 89.1  | 98.4  | 81.6  |
| 1998 | 15     | 89.9  | 98.9  | 81.4  |
| 1999 | 14     | 90.7  | 99.9  | 82.3  |

|      |    |      |       |      |
|------|----|------|-------|------|
| 2000 | 21 | 90.3 | 98.9  | 82.7 |
| 2001 | 16 | 90.8 | 99.2  | 81.7 |
| 2002 | 12 | 91.1 | 99.6  | 82.5 |
| 2003 | 18 | 91.9 | 100.3 | 83.3 |
| 2004 | 17 | 91.4 | 100.2 | 81.9 |
| 2005 | 10 | 89.9 | 98.8  | 81.6 |
| 2006 | 10 | 91.2 | 99.7  | 81.9 |

Tabel: 209 Brown Swiss: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LPin   | LPkgM   | LPkgV | LPkgE |
|------|--------|--------|---------|-------|-------|
| 2001 | 18     | -244.1 | -2077.3 | -29.2 | -37.6 |
| 2002 | 12     | -390.8 | -2924.1 | -45.6 | -61.9 |
| 2003 | 26     | -338.2 | -2198.4 | -40.2 | -54.5 |
| 2004 | 10     | 1101.8 | 3313.7  | 218.6 | 145.7 |
| 2005 | 10     | -273.8 | -2395.9 | -23.0 | -47.0 |
| 2006 | 14     | 160.6  | -74.4   | 40.4  | 18.6  |
| 2012 | 10     | 1226.5 | 4271.3  | 221.1 | 171.6 |

Tabel: 210 Brown Swiss: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Eff  | Int   | Gewen |
|------|--------|------|-------|-------|
| 1992 | 10     | 99.1 | 101.7 | 106.2 |
| 1993 | 11     | 98.5 | 100.9 | 105.0 |
| 1994 | 15     | 98.4 | 102.5 | 105.1 |
| 1995 | 10     | 99.0 | 101.8 | 105.2 |
| 1996 | 14     | 98.1 | 101.9 | 106.4 |
| 1997 | 10     | 97.5 | 101.1 | 105.8 |
| 1998 | 12     | 97.6 | 102.0 | 105.7 |
| 2000 | 14     | 98.1 | 101.4 | 105.9 |
| 2003 | 11     | 99.0 | 102.4 | 105.0 |

Tabel: 211 Brown Swiss: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Pers  | RTM   | Aantal | DSopn | Aantal | Gew  |
|------|--------|-------|-------|--------|-------|--------|------|
| 1990 | 10     | 100.7 | 101.1 | 10     | -3.3  | 0      | 0.0  |
| 1991 | 16     | 101.4 | 101.1 | 16     | -3.0  | 0      | 0.0  |
| 1992 | 18     | 101.3 | 101.1 | 18     | -3.4  | 0      | 0.0  |
| 1993 | 19     | 99.6  | 100.7 | 19     | -3.1  | 0      | 0.0  |
| 1994 | 21     | 100.8 | 99.9  | 21     | -3.1  | 0      | 0.0  |
| 1995 | 21     | 99.4  | 100.8 | 21     | -3.0  | 0      | 0.0  |
| 1996 | 20     | 101.7 | 101.4 | 20     | -2.5  | 0      | 0.0  |
| 1997 | 20     | 100.6 | 100.0 | 20     | -2.8  | 0      | 0.0  |
| 1998 | 28     | 101.4 | 100.9 | 28     | -2.8  | 0      | 0.0  |
| 1999 | 15     | 101.8 | 99.9  | 15     | -2.3  | 0      | 0.0  |
| 2000 | 24     | 101.2 | 100.2 | 24     | -2.5  | 0      | 0.0  |
| 2001 | 18     | 102.2 | 101.4 | 18     | -2.2  | 8      | 96.9 |
| 2002 | 13     | 102.6 | 101.1 | 13     | -2.3  | 8      | 96.4 |
| 2003 | 26     | 102.5 | 101.0 | 26     | -2.3  | 16     | 96.7 |

|      |    |       |       |    |      |   |       |
|------|----|-------|-------|----|------|---|-------|
| 2004 | 10 | 103.6 | 101.3 | 10 | -1.7 | 6 | 95.7  |
| 2005 | 10 | 101.5 | 101.6 | 10 | -2.0 | 4 | 97.8  |
| 2006 | 15 | 101.9 | 101.3 | 15 | -1.9 | 8 | 97.9  |
| 2012 | 10 | 100.9 | 102.2 | 10 | -0.4 | 6 | 100.7 |

Tabel: 212 Roodbont: Melkproductiekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V   | %E    | %L    | INET   |
|------|--------|---------|-------|-------|-------|------|-------|-------|--------|
| 1980 | 557    | -1472.5 | -64.5 | -59.7 | -76.8 | 3.0  | -10.6 | -18.4 | -403.1 |
| 1981 | 444    | -1409.9 | -60.5 | -57.2 | -73.9 | 4.9  | -10.0 | -18.2 | -383.6 |
| 1982 | 431    | -1418.9 | -59.2 | -57.8 | -74.3 | 8.3  | -10.7 | -18.1 | -383.7 |
| 1983 | 413    | -1453.1 | -61.4 | -59.3 | -75.9 | 7.2  | -11.1 | -18.3 | -394.8 |
| 1984 | 290    | -1387.0 | -59.0 | -58.2 | -72.9 | 6.3  | -13.7 | -18.2 | -384.7 |
| 1985 | 198    | -1294.0 | -52.1 | -53.1 | -68.6 | 11.5 | -10.0 | -17.9 | -347.6 |
| 1986 | 215    | -1322.4 | -54.7 | -54.8 | -69.9 | 9.0  | -11.5 | -17.9 | -360.7 |
| 1987 | 258    | -1183.5 | -48.9 | -50.8 | -63.6 | 8.1  | -13.1 | -17.6 | -329.9 |
| 1988 | 294    | -1181.4 | -49.0 | -49.7 | -63.5 | 7.6  | -11.3 | -17.6 | -326.1 |
| 1989 | 187    | -1140.6 | -48.8 | -49.8 | -61.7 | 4.5  | -14.2 | -17.6 | -325.1 |
| 1990 | 111    | -1022.6 | -42.9 | -45.9 | -56.3 | 5.8  | -14.5 | -17.3 | -295.3 |
| 1991 | 58     | -993.6  | -40.3 | -44.7 | -54.9 | 7.8  | -14.5 | -17.1 | -284.2 |
| 1992 | 31     | -910.8  | -35.4 | -44.1 | -51.2 | 9.5  | -18.5 | -16.9 | -270.6 |
| 1993 | 19     | -616.1  | -31.8 | -33.5 | -37.7 | -6.9 | -18.1 | -16.3 | -215.6 |
| 1994 | 19     | -684.8  | -30.1 | -33.8 | -40.9 | 1.3  | -14.6 | -16.6 | -214.1 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 213 Roodbont: Exterieurkenmerken bouw  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | H    | VH   | IH   | OH    | CS   | KL   | KB   |
|------|--------|------|------|------|-------|------|------|------|
| 1980 | 145    | 88.9 | 90.8 | 92.6 | 97.5  | 89.9 | 90.3 | 94.1 |
| 1981 | 133    | 89.1 | 92.0 | 91.4 | 96.3  | 92.9 | 91.4 | 94.8 |
| 1982 | 153    | 89.5 | 92.5 | 91.5 | 96.2  | 93.4 | 91.8 | 95.8 |
| 1983 | 125    | 90.9 | 92.6 | 93.4 | 98.0  | 91.9 | 92.3 | 96.0 |
| 1984 | 83     | 91.2 | 92.8 | 93.8 | 98.4  | 92.0 | 92.2 | 96.1 |
| 1985 | 67     | 91.1 | 92.4 | 93.8 | 98.6  | 91.8 | 92.4 | 95.8 |
| 1986 | 59     | 92.5 | 92.4 | 93.7 | 98.7  | 91.9 | 92.9 | 95.8 |
| 1987 | 64     | 92.9 | 92.1 | 94.0 | 98.7  | 91.0 | 92.9 | 95.9 |
| 1988 | 84     | 93.1 | 91.8 | 94.3 | 99.3  | 90.0 | 92.8 | 95.7 |
| 1989 | 72     | 93.7 | 91.5 | 94.4 | 99.8  | 90.1 | 92.3 | 95.9 |
| 1990 | 27     | 94.8 | 90.6 | 94.9 | 100.6 | 88.8 | 92.5 | 95.7 |
| 1991 | 16     | 93.9 | 92.0 | 95.6 | 100.4 | 90.7 | 91.1 | 96.1 |
| 1994 | 10     | 95.8 | 97.8 | 98.5 | 102.1 | 96.5 | 96.3 | 99.3 |

Tabel: 214 Roodbont: Exterieurkenmerken beenwerk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | BA   | BZ   | KH   | BG   |
|------|--------|------|------|------|------|
| 1980 | 145    | 89.2 | 96.9 | 85.2 | 87.7 |
| 1981 | 133    | 91.9 | 98.3 | 87.1 | 90.5 |
| 1982 | 153    | 92.1 | 97.6 | 87.4 | 90.7 |
| 1983 | 125    | 89.8 | 97.5 | 87.4 | 88.3 |

|      |    |      |      |      |      |
|------|----|------|------|------|------|
| 1984 | 83 | 90.3 | 97.2 | 87.4 | 88.9 |
| 1985 | 67 | 90.4 | 98.9 | 86.8 | 88.6 |
| 1986 | 59 | 90.8 | 98.3 | 87.0 | 89.1 |
| 1987 | 64 | 91.8 | 97.9 | 87.7 | 90.7 |
| 1988 | 84 | 91.4 | 98.6 | 88.1 | 90.0 |
| 1989 | 72 | 91.7 | 98.8 | 88.2 | 90.2 |
| 1990 | 27 | 91.3 | 99.1 | 87.4 | 89.6 |
| 1991 | 16 | 91.6 | 99.6 | 87.7 | 90.3 |
| 1994 | 10 | 95.0 | 99.6 | 91.8 | 93.3 |

Tabel: 215 Roodbont: Exterieurkenmerken uier  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | VA   | VP   | SL   | UD    | AH   | OB   | AP   |
|------|--------|------|------|------|-------|------|------|------|
| 1980 | 145    | 95.3 | 90.6 | 95.5 | 96.1  | 93.6 | 94.0 | 90.9 |
| 1981 | 133    | 96.1 | 92.3 | 95.9 | 97.6  | 96.0 | 95.6 | 92.9 |
| 1982 | 153    | 96.9 | 93.4 | 95.5 | 98.7  | 96.1 | 95.6 | 93.3 |
| 1983 | 125    | 96.3 | 91.9 | 97.4 | 97.6  | 94.9 | 93.9 | 91.1 |
| 1984 | 83     | 96.7 | 93.4 | 97.4 | 98.5  | 95.4 | 94.8 | 92.6 |
| 1985 | 67     | 97.0 | 93.6 | 97.6 | 97.3  | 95.6 | 94.1 | 92.2 |
| 1986 | 59     | 97.5 | 93.2 | 97.7 | 98.0  | 96.1 | 94.8 | 92.3 |
| 1987 | 64     | 96.8 | 94.0 | 98.5 | 97.6  | 96.8 | 94.5 | 92.6 |
| 1988 | 84     | 97.0 | 94.7 | 99.1 | 97.8  | 97.3 | 94.4 | 92.6 |
| 1989 | 72     | 97.8 | 95.1 | 98.2 | 98.4  | 97.0 | 95.2 | 93.6 |
| 1990 | 27     | 99.2 | 96.0 | 98.4 | 100.0 | 99.2 | 96.4 | 94.4 |
| 1991 | 16     | 99.0 | 95.9 | 95.9 | 98.9  | 97.3 | 96.4 | 94.5 |
| 1994 | 10     | 98.9 | 97.3 | 98.6 | 98.6  | 96.6 | 96.2 | 95.9 |

Tabel: 216 Roodbont: Exterieurkenmerken bovenbalk  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | F    | T    | U    | B    | Bs   | Ext  |
|------|--------|------|------|------|------|------|------|
| 1980 | 145    | 86.2 | 87.9 | 93.9 | 84.6 | 93.1 | 82.6 |
| 1981 | 133    | 87.2 | 89.2 | 95.8 | 88.0 | 95.8 | 86.0 |
| 1982 | 153    | 88.2 | 90.0 | 96.5 | 88.0 | 96.8 | 86.8 |
| 1983 | 125    | 89.2 | 90.8 | 95.4 | 85.7 | 95.6 | 85.4 |
| 1984 | 83     | 89.3 | 91.5 | 96.4 | 86.1 | 95.7 | 86.3 |
| 1985 | 67     | 89.2 | 91.1 | 95.9 | 86.3 | 95.6 | 86.0 |
| 1986 | 59     | 89.5 | 91.2 | 96.6 | 86.7 | 95.7 | 86.7 |
| 1987 | 64     | 89.5 | 90.6 | 96.6 | 88.1 | 94.8 | 87.3 |
| 1988 | 84     | 89.3 | 90.4 | 96.9 | 87.7 | 93.2 | 87.2 |
| 1989 | 72     | 89.1 | 90.9 | 97.2 | 88.0 | 92.9 | 87.5 |
| 1990 | 27     | 89.0 | 90.2 | 99.5 | 87.4 | 92.7 | 88.3 |
| 1991 | 16     | 89.1 | 92.0 | 98.1 | 88.0 | 93.4 | 88.1 |
| 1994 | 10     | 96.2 | 99.0 | 97.5 | 91.8 | 98.8 | 93.1 |

Tabel: 217 Roodbont: Vruchtbaarheidskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1980 | 1490   | 103.2 | 104.7 | 107.3 | 105.8 | 103.1 | 104.1 | 93.0 | 106.9 |
| 1981 | 1049   | 104.1 | 104.6 | 107.7 | 105.9 | 103.8 | 104.1 | 91.6 | 107.1 |

|      |     |       |       |       |       |       |       |      |       |
|------|-----|-------|-------|-------|-------|-------|-------|------|-------|
| 1982 | 982 | 104.4 | 104.9 | 107.7 | 106.2 | 103.9 | 103.8 | 90.0 | 107.2 |
| 1983 | 835 | 103.9 | 104.6 | 107.2 | 105.8 | 103.5 | 103.9 | 91.6 | 106.8 |
| 1984 | 535 | 103.1 | 104.5 | 106.5 | 105.3 | 102.9 | 104.3 | 92.2 | 106.2 |
| 1985 | 286 | 103.6 | 104.4 | 106.8 | 105.6 | 103.2 | 103.9 | 91.4 | 106.4 |
| 1986 | 256 | 104.4 | 103.1 | 106.5 | 104.5 | 103.3 | 105.0 | 92.0 | 105.8 |
| 1987 | 250 | 103.2 | 104.0 | 106.0 | 104.9 | 102.8 | 103.8 | 92.1 | 105.7 |
| 1988 | 268 | 102.8 | 104.2 | 105.9 | 104.9 | 102.6 | 103.4 | 91.6 | 105.7 |
| 1989 | 175 | 103.0 | 102.8 | 104.8 | 103.5 | 102.2 | 103.5 | 91.4 | 104.4 |
| 1990 | 101 | 102.8 | 102.8 | 104.6 | 103.3 | 102.4 | 103.3 | 92.2 | 104.2 |
| 1991 | 52  | 103.0 | 102.1 | 104.5 | 102.8 | 102.3 | 104.3 | 93.3 | 103.9 |
| 1992 | 31  | 103.1 | 102.5 | 105.0 | 103.4 | 102.4 | 104.6 | 94.8 | 104.5 |
| 1993 | 18  | 102.9 | 102.1 | 104.7 | 103.0 | 102.5 | 104.4 | 95.3 | 104.2 |
| 1994 | 18  | 102.4 | 102.3 | 103.8 | 102.7 | 101.8 | 103.2 | 93.8 | 103.4 |

Tabel: 218 Roodbont: Gebruikskenmerken

Basis: Dubbeldoel

Land: VL

| Jaar | Aantal | MS   | Kar  | SCC  | SKM   | KM    |
|------|--------|------|------|------|-------|-------|
| 1980 | 128    | 96.4 | 55.5 | 98.4 | 103.3 | 103.4 |
| 1981 | 120    | 96.3 | 83.8 | 99.1 | 103.8 | 104.0 |
| 1982 | 137    | 96.4 | 80.0 | 99.0 | 103.4 | 103.9 |
| 1983 | 102    | 97.0 | 44.5 | 98.1 | 102.5 | 103.4 |
| 1984 | 72     | 96.8 | 35.9 | 98.4 | 102.8 | 103.9 |
| 1985 | 46     | 96.5 | 51.6 | 98.2 | 102.6 | 104.3 |
| 1986 | 46     | 96.5 | 49.8 | 97.9 | 102.2 | 104.0 |
| 1987 | 48     | 97.8 | 30.3 | 97.1 | 101.3 | 101.9 |
| 1988 | 63     | 97.2 | 37.9 | 96.4 | 100.3 | 101.2 |
| 1989 | 54     | 97.6 | 37.2 | 97.0 | 101.0 | 101.7 |
| 1990 | 19     | 97.7 | 30.4 | 97.1 | 100.9 | 101.9 |
| 1991 | 13     | 98.2 | 51.7 | 96.7 | 100.7 | 101.6 |

Tabel: 219 Roodbont: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd    | Ugh   | Vru   | U     | B    | Gin  |
|------|--------|--------|--------|--------|-------|-------|-------|------|------|
| 1980 | 546    | -154.3 | -403.1 | -67.9  | 103.7 | 106.9 | 93.9  | 84.6 | 98.1 |
| 1981 | 437    | -128.1 | -383.6 | -8.7   | 104.3 | 107.1 | 95.8  | 88.0 | 98.3 |
| 1982 | 415    | -119.9 | -383.7 | -2.4   | 104.1 | 107.2 | 96.5  | 88.0 | 98.5 |
| 1983 | 398    | -146.3 | -394.8 | -9.7   | 103.4 | 106.8 | 95.4  | 85.7 | 98.2 |
| 1984 | 266    | -141.6 | -384.7 | 8.8    | 103.9 | 106.2 | 96.4  | 86.1 | 98.9 |
| 1985 | 182    | -136.8 | -347.6 | -85.7  | 104.0 | 106.4 | 95.9  | 86.3 | 98.7 |
| 1986 | 188    | -147.5 | -360.7 | -113.0 | 103.7 | 105.8 | 96.6  | 86.7 | 98.5 |
| 1987 | 227    | -132.5 | -329.9 | -3.2   | 101.9 | 105.7 | 96.6  | 88.1 | 98.3 |
| 1988 | 277    | -142.4 | -326.1 | 0.7    | 101.0 | 105.7 | 96.9  | 87.7 | 99.4 |
| 1989 | 176    | -153.7 | -325.1 | -30.9  | 101.6 | 104.4 | 97.2  | 88.0 | 99.2 |
| 1990 | 106    | -135.3 | -295.3 | -48.4  | 101.7 | 104.2 | 99.5  | 87.4 | 98.1 |
| 1991 | 54     | -138.7 | -284.2 | -134.9 | 101.4 | 103.9 | 98.1  | 88.0 | 98.9 |
| 1992 | 31     | -124.6 | -270.6 | -40.2  | 102.0 | 104.5 | 100.2 | 87.8 | 99.5 |
| 1993 | 18     | -96.1  | -215.6 | -58.3  | 101.8 | 104.2 | 97.5  | 90.0 | 98.0 |
| 1994 | 19     | -107.7 | -214.1 | -76.9  | 101.8 | 103.4 | 97.5  | 91.8 | 98.2 |

Tabel: 220 Roodbont: Levensvatbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

| Jaar | Aantal | LVg  | LVa  | LVg1 | LVa1 | LVg2 | LVa2 |
|------|--------|------|------|------|------|------|------|
| 1980 | 11     | 97.1 | 99.5 | 97.1 | 99.5 | 98.8 | 99.1 |
| 1982 | 12     | 96.7 | 99.5 | 96.7 | 99.5 | 98.8 | 98.8 |

Tabel: 221 Roodbont: Geboortekenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Geb   | DDt   | DGw   | Afk  | MDt  | MGw  |
|------|--------|-------|-------|-------|------|------|------|
| 1980 | 179    | 99.6  | 102.3 | 100.7 | 64.4 | 62.6 | 63.7 |
| 1981 | 161    | 98.1  | 102.3 | 102.2 | 89.4 | 85.0 | 87.7 |
| 1982 | 177    | 99.0  | 101.8 | 101.3 | 89.0 | 83.9 | 86.4 |
| 1983 | 128    | 99.8  | 102.1 | 100.6 | 61.0 | 57.9 | 59.0 |
| 1984 | 127    | 98.8  | 102.6 | 101.6 | 34.0 | 32.0 | 32.9 |
| 1985 | 77     | 97.9  | 102.2 | 102.7 | 58.6 | 54.8 | 56.7 |
| 1986 | 81     | 96.5  | 103.1 | 103.9 | 52.1 | 50.1 | 51.9 |
| 1987 | 83     | 99.6  | 101.2 | 100.9 | 75.9 | 71.4 | 73.1 |
| 1988 | 90     | 101.3 | 100.8 | 99.1  | 82.3 | 77.0 | 78.7 |
| 1989 | 49     | 100.8 | 101.6 | 99.7  | 77.8 | 73.7 | 74.9 |
| 1990 | 29     | 98.7  | 102.4 | 101.7 | 66.9 | 64.2 | 65.8 |
| 1991 | 13     | 99.0  | 101.9 | 101.6 | 94.2 | 89.7 | 92.0 |

Tabel: 222 Roodbont: Vleeskenmerken  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl  | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1980 | 45     | 107.0 | 104.2 | 94.3  | 99.8  | 117.1 | 91.0  | 104.2 | 98.2  | 114.2 | 93.4  | 99.0  |
| 1981 | 56     | 107.9 | 103.4 | 93.7  | 99.4  | 116.1 | 89.4  | 105.8 | 99.4  | 112.1 | 91.5  | 98.1  |
| 1982 | 63     | 110.1 | 104.2 | 93.5  | 100.1 | 114.4 | 87.5  | 109.4 | 100.3 | 109.3 | 90.0  | 98.0  |
| 1983 | 23     | 105.8 | 104.0 | 96.3  | 99.2  | 108.5 | 95.0  | 105.7 | 98.0  | 108.8 | 96.2  | 100.0 |
| 1984 | 13     | 107.8 | 105.5 | 95.2  | 100.2 | 111.2 | 92.8  | 107.2 | 98.9  | 110.1 | 94.9  | 101.8 |
| 1985 | 10     | 105.1 | 105.9 | 97.4  | 101.0 | 107.4 | 97.7  | 103.3 | 99.8  | 111.2 | 99.0  | 102.5 |
| 1986 | 16     | 105.8 | 104.7 | 96.2  | 100.2 | 107.6 | 95.9  | 105.0 | 98.8  | 109.3 | 95.9  | 102.9 |
| 1987 | 10     | 104.2 | 105.1 | 98.2  | 100.7 | 107.5 | 97.8  | 102.6 | 98.7  | 109.9 | 99.0  | 101.3 |

Tabel: 223 Roodbont: Overige productie en efficiency kenm.  
Basis: Dubbeldoel  
Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew |
|------|--------|-------|------|--------|-------|--------|-----|
| 1980 | 557    | 100.4 | 95.7 | 0      | 0.0   | 0      | 0.0 |
| 1981 | 444    | 101.0 | 97.2 | 0      | 0.0   | 0      | 0.0 |
| 1982 | 431    | 101.5 | 98.5 | 0      | 0.0   | 0      | 0.0 |
| 1983 | 413    | 100.4 | 97.2 | 0      | 0.0   | 0      | 0.0 |
| 1984 | 290    | 99.5  | 97.6 | 0      | 0.0   | 0      | 0.0 |
| 1985 | 198    | 99.7  | 98.0 | 204    | -3.9  | 0      | 0.0 |
| 1986 | 215    | 98.9  | 97.6 | 220    | -4.0  | 0      | 0.0 |
| 1987 | 258    | 98.9  | 96.9 | 264    | -3.6  | 0      | 0.0 |
| 1988 | 294    | 99.1  | 97.1 | 302    | -3.7  | 0      | 0.0 |
| 1989 | 187    | 99.3  | 97.7 | 196    | -3.7  | 0      | 0.0 |
| 1990 | 111    | 98.4  | 97.9 | 114    | -3.4  | 0      | 0.0 |
| 1991 | 58     | 98.2  | 97.5 | 59     | -3.3  | 0      | 0.0 |

|      |    |      |      |    |      |   |     |
|------|----|------|------|----|------|---|-----|
| 1992 | 31 | 98.0 | 98.3 | 31 | -3.4 | 0 | 0.0 |
| 1993 | 19 | 97.1 | 96.5 | 19 | -2.5 | 0 | 0.0 |
| 1994 | 19 | 98.1 | 98.1 | 19 | -2.6 | 0 | 0.0 |

Tabel: 224 Montbéliard: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | kgM     | kgV   | kgE   | kgL   | %V    | %E   | %L   | INET   |
|------|--------|---------|-------|-------|-------|-------|------|------|--------|
| 1986 | 13     | -1230.9 | -69.5 | -48.5 | -56.2 | -20.5 | -6.0 | -0.2 | -362.0 |
| 1988 | 17     | -1404.7 | -71.3 | -52.6 | -64.2 | -12.0 | -3.0 | -0.4 | -384.9 |
| 1989 | 21     | -1569.7 | -74.4 | -59.4 | -71.6 | -6.0  | -4.4 | -0.2 | -421.1 |
| 1990 | 19     | -1405.8 | -65.7 | -53.3 | -64.2 | -3.8  | -3.8 | -0.4 | -375.6 |
| 1991 | 15     | -1306.7 | -64.7 | -49.6 | -59.5 | -8.7  | -3.5 | -0.2 | -357.0 |
| 1992 | 21     | -1308.4 | -64.7 | -49.0 | -59.6 | -8.2  | -2.4 | -0.0 | -354.7 |
| 1993 | 13     | -1414.5 | -66.8 | -52.8 | -64.7 | -4.4  | -1.8 | -0.5 | -376.2 |
| 1994 | 18     | -888.9  | -48.7 | -35.6 | -40.7 | -11.8 | -4.8 | -0.2 | -260.3 |
| 1995 | 11     | -1125.0 | -57.6 | -42.5 | -51.2 | -10.1 | -2.9 | -0.1 | -310.8 |
| 1996 | 18     | -1223.2 | -61.8 | -45.3 | -55.8 | -9.9  | -1.6 | -0.2 | -332.2 |
| 1997 | 23     | -659.7  | -39.0 | -25.9 | -30.2 | -12.3 | -2.9 | -0.3 | -197.2 |
| 1998 | 22     | -1076.8 | -52.7 | -36.9 | -49.2 | -5.5  | 2.8  | -0.2 | -276.9 |
| 1999 | 25     | -1038.5 | -54.6 | -38.6 | -47.4 | -11.3 | -1.8 | -0.2 | -287.2 |
| 2000 | 26     | -920.6  | -49.6 | -33.2 | -42.5 | -10.5 | 0.4  | -1.0 | -252.9 |
| 2001 | 24     | -965.9  | -45.8 | -35.0 | -43.8 | -2.7  | 0.1  | 0.3  | -252.6 |
| 2002 | 16     | -742.2  | -42.9 | -30.1 | -32.6 | -13.1 | -4.4 | 1.6  | -223.2 |
| 2003 | 19     | -687.1  | -40.4 | -27.2 | -28.2 | -12.1 | -2.8 | 4.2  | -204.6 |
| 2004 | 17     | -674.5  | -45.2 | -28.2 | -26.9 | -19.6 | -4.9 | 5.3  | -218.5 |
| 2005 | 17     | -814.0  | -47.0 | -31.8 | -31.7 | -13.3 | -2.9 | 7.8  | -238.6 |
| 2006 | 16     | -873.2  | -49.3 | -34.9 | -37.1 | -13.4 | -4.2 | 3.7  | -257.9 |
| 2007 | 15     | -402.6  | -28.3 | -17.7 | -17.9 | -12.9 | -4.1 | 0.5  | -137.5 |
| 2008 | 23     | -473.7  | -31.4 | -19.6 | -19.6 | -12.8 | -3.0 | 2.5  | -152.2 |
| 2015 | 14     | 445.4   | -0.5  | 9.1   | 19.0  | -23.2 | -7.5 | -1.5 | 42.1   |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 225 Montbéliard: Exterieurkenmerken bouw  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | H    | VH    | IH   | OH   | CS    | KL    | KB   |
|------|--------|------|-------|------|------|-------|-------|------|
| 1992 | 10     | 95.2 | 106.3 | 93.7 | 87.8 | 109.2 | 106.7 | 91.4 |
| 1997 | 11     | 95.5 | 107.2 | 95.5 | 89.0 | 109.6 | 106.5 | 90.5 |
| 1998 | 12     | 96.3 | 107.2 | 94.8 | 87.5 | 110.1 | 106.8 | 92.0 |

Tabel: 226 Montbéliard: Exterieurkenmerken beenwerk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | BA    | BZ   | KH    | BG    |
|------|--------|-------|------|-------|-------|
| 1992 | 10     | 103.3 | 94.9 | 105.9 | 99.0  |
| 1997 | 11     | 104.1 | 93.4 | 102.2 | 100.7 |
| 1998 | 12     | 103.7 | 95.5 | 103.3 | 100.2 |

Tabel: 227 Montbéliard: Exterieurkenmerken uier



Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | VA   | VP   | SL    | UD   | AH   | OB   | AP   |
|------|--------|------|------|-------|------|------|------|------|
| 1992 | 10     | 91.8 | 92.9 | 104.0 | 92.5 | 81.8 | 91.6 | 92.3 |
| 1997 | 11     | 91.8 | 93.3 | 102.9 | 93.0 | 83.0 | 92.5 | 92.2 |
| 1998 | 12     | 92.4 | 92.8 | 103.1 | 94.4 | 83.2 | 92.7 | 92.3 |

Tabel: 228 Montbéliard: Exterieurkenmerken bovenbalk  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | F    | T    | U    | B    | Bs  | Ext  |
|------|--------|------|------|------|------|-----|------|
| 1992 | 10     | 97.9 | 95.2 | 86.2 | 99.0 | 0.0 | 90.9 |
| 1997 | 11     | 98.1 | 96.1 | 87.2 | 99.5 | 0.0 | 91.7 |
| 1998 | 12     | 99.0 | 95.7 | 87.9 | 99.8 | 0.0 | 92.6 |

Tabel: 229 Montbéliard: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1986 | 13     | 104.8 | 108.1 | 108.1 | 108.6 | 107.2 | 100.1 | 88.3 | 108.7 |
| 1988 | 10     | 103.8 | 107.9 | 107.6 | 108.2 | 106.3 | 98.5  | 90.3 | 108.2 |
| 1989 | 13     | 104.5 | 109.3 | 108.8 | 109.7 | 107.5 | 99.4  | 90.2 | 109.6 |
| 1990 | 12     | 104.5 | 109.4 | 108.7 | 109.8 | 107.6 | 99.3  | 90.4 | 109.5 |
| 1991 | 14     | 104.1 | 108.1 | 108.1 | 108.7 | 106.7 | 98.8  | 89.2 | 108.7 |
| 1992 | 15     | 103.7 | 108.1 | 107.9 | 108.6 | 106.4 | 98.7  | 91.3 | 108.6 |
| 1993 | 11     | 104.3 | 108.5 | 108.3 | 109.0 | 107.2 | 99.1  | 90.0 | 109.0 |
| 1994 | 16     | 104.1 | 106.8 | 107.2 | 107.6 | 106.5 | 97.6  | 89.5 | 107.7 |
| 1996 | 12     | 103.9 | 107.1 | 107.1 | 108.0 | 106.3 | 98.3  | 90.7 | 107.8 |
| 1997 | 23     | 102.8 | 107.7 | 106.6 | 108.0 | 105.3 | 96.8  | 90.8 | 107.5 |
| 1998 | 22     | 103.5 | 107.5 | 106.7 | 107.9 | 105.9 | 97.5  | 88.6 | 107.5 |
| 1999 | 25     | 103.6 | 107.7 | 107.0 | 108.0 | 106.3 | 97.9  | 89.6 | 107.8 |
| 2000 | 29     | 103.4 | 107.9 | 107.1 | 108.0 | 106.2 | 98.2  | 90.0 | 107.7 |
| 2001 | 25     | 103.5 | 107.1 | 107.0 | 107.6 | 105.7 | 98.0  | 90.2 | 107.5 |
| 2002 | 17     | 103.4 | 107.6 | 106.8 | 107.9 | 106.0 | 98.5  | 90.2 | 107.7 |
| 2003 | 28     | 103.6 | 107.4 | 107.3 | 107.8 | 106.1 | 98.7  | 90.8 | 107.8 |
| 2004 | 32     | 103.3 | 107.6 | 107.1 | 107.9 | 106.0 | 98.5  | 90.9 | 107.8 |
| 2005 | 24     | 104.0 | 107.3 | 107.2 | 107.7 | 106.7 | 98.5  | 89.8 | 107.8 |
| 2006 | 19     | 104.1 | 108.0 | 107.6 | 108.4 | 106.6 | 98.3  | 89.6 | 108.2 |
| 2007 | 19     | 103.7 | 107.1 | 106.8 | 107.8 | 105.9 | 97.1  | 91.4 | 107.6 |
| 2008 | 22     | 102.5 | 108.0 | 106.8 | 108.0 | 105.6 | 97.5  | 92.4 | 107.6 |
| 2009 | 16     | 101.8 | 108.7 | 106.8 | 108.4 | 105.4 | 97.2  | 93.4 | 107.9 |
| 2012 | 10     | 103.9 | 106.3 | 106.5 | 106.9 | 105.6 | 97.6  | 91.0 | 107.0 |
| 2015 | 14     | 102.8 | 104.7 | 105.4 | 105.6 | 104.7 | 96.9  | 93.8 | 105.8 |

Tabel: 230 Montbéliard: Gebruikskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | MS   | Kar  | SCC   | SKM   | KM    |
|------|--------|------|------|-------|-------|-------|
| 1986 | 10     | 97.8 | 94.1 | 101.9 | 102.9 | 104.4 |
| 1997 | 12     | 97.8 | 94.7 | 102.9 | 103.7 | 103.8 |

1998            12        98.9        94.6        101.4        101.7        103.6

Tabel: 231 Montbéliard: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NVI   | INET   | Lvd   | Ugh   | Vru   | U    | B     | Gin   |
|------|--------|-------|--------|-------|-------|-------|------|-------|-------|
| 1986 | 13     | -80.6 | -362.0 | -38.0 | 104.2 | 108.7 | 86.4 | 100.0 | 101.3 |
| 1988 | 10     | -86.1 | -384.9 | -99.7 | 104.4 | 108.2 | 88.8 | 100.8 | 101.6 |
| 1989 | 13     | -98.7 | -421.1 | -69.7 | 103.5 | 109.6 | 86.2 | 100.6 | 101.6 |
| 1990 | 16     | -95.9 | -375.6 | -68.1 | 103.4 | 109.5 | 85.8 | 99.2  | 102.2 |
| 1991 | 15     | -86.5 | -357.0 | -75.5 | 103.8 | 108.7 | 87.1 | 99.0  | 101.5 |
| 1992 | 18     | -83.8 | -354.7 | -55.8 | 103.8 | 108.6 | 86.2 | 99.0  | 101.5 |
| 1993 | 12     | -95.7 | -376.2 | -75.4 | 102.9 | 109.0 | 86.0 | 98.0  | 101.9 |
| 1994 | 18     | -70.7 | -260.3 | -48.0 | 103.1 | 107.7 | 86.4 | 99.1  | 100.7 |
| 1995 | 10     | -85.6 | -310.8 | -66.1 | 102.9 | 107.9 | 87.7 | 98.0  | 101.4 |
| 1996 | 17     | -88.8 | -332.2 | -47.3 | 102.9 | 107.8 | 85.8 | 99.8  | 101.4 |
| 1997 | 23     | -29.7 | -197.2 | -63.6 | 104.2 | 107.5 | 87.2 | 99.5  | 102.2 |
| 1998 | 22     | -64.5 | -276.9 | -26.1 | 103.2 | 107.5 | 87.9 | 99.8  | 102.2 |
| 1999 | 24     | -67.2 | -287.2 | -37.5 | 103.0 | 107.8 | 87.6 | 99.8  | 101.4 |
| 2000 | 26     | -52.1 | -252.9 | -13.5 | 103.0 | 107.7 | 87.2 | 100.8 | 101.3 |
| 2001 | 24     | -52.9 | -252.6 | -34.5 | 103.0 | 107.5 | 88.2 | 99.8  | 100.5 |
| 2002 | 16     | -55.4 | -223.2 | -27.6 | 102.7 | 107.7 | 87.1 | 100.7 | 102.2 |
| 2003 | 19     | -36.7 | -204.6 | 9.1   | 103.1 | 107.8 | 89.6 | 102.3 | 102.1 |
| 2004 | 17     | -40.4 | -218.5 | -19.5 | 103.7 | 107.8 | 87.4 | 100.8 | 101.1 |
| 2005 | 17     | -55.1 | -238.6 | -49.9 | 103.4 | 107.8 | 88.4 | 101.5 | 102.4 |
| 2006 | 16     | -57.1 | -257.9 | -53.9 | 103.9 | 108.2 | 88.2 | 101.4 | 102.3 |
| 2007 | 15     | -9.4  | -137.5 | 14.6  | 104.3 | 107.6 | 85.8 | 101.0 | 102.2 |
| 2008 | 23     | -12.2 | -152.2 | 23.1  | 103.0 | 107.6 | 88.0 | 102.1 | 101.9 |
| 2015 | 14     | 61.0  | 42.1   | 119.9 | 103.3 | 105.8 | 0.0  | 0.0   | 102.3 |

Tabel: 232 Montbéliard: Levensvatbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LVg  | LVa   | LVg1 | LVa1  | LVg2 | LVa2  |
|------|--------|------|-------|------|-------|------|-------|
| 1986 | 12     | 94.9 | 104.8 | 94.9 | 104.7 | 96.2 | 104.5 |
| 1992 | 10     | 95.7 | 104.3 | 95.7 | 104.3 | 97.9 | 103.7 |
| 1994 | 11     | 94.6 | 104.0 | 94.6 | 104.0 | 96.3 | 103.8 |
| 1997 | 21     | 96.0 | 105.0 | 96.0 | 105.0 | 98.3 | 105.4 |
| 1998 | 12     | 95.1 | 105.4 | 95.1 | 105.4 | 97.5 | 105.1 |
| 1999 | 14     | 94.3 | 104.9 | 94.3 | 104.9 | 96.2 | 104.4 |
| 2000 | 12     | 94.2 | 104.8 | 94.2 | 104.8 | 96.3 | 104.6 |
| 2004 | 17     | 94.8 | 104.8 | 94.8 | 104.8 | 97.5 | 104.3 |
| 2007 | 10     | 94.6 | 105.2 | 94.6 | 105.2 | 96.1 | 105.3 |
| 2008 | 10     | 95.2 | 104.9 | 95.2 | 104.9 | 96.8 | 104.6 |

Tabel: 233 Montbéliard: Geboortekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Geb  | DDt   | DGw   | Afk   | MDt  | MGw  |
|------|--------|------|-------|-------|-------|------|------|
| 1986 | 10     | 92.5 | 111.9 | 110.5 | 87.9  | 73.4 | 73.9 |
| 1994 | 11     | 90.9 | 111.0 | 111.7 | 101.2 | 81.7 | 82.3 |
| 1997 | 21     | 91.5 | 110.2 | 111.0 | 111.8 | 86.7 | 89.0 |

|      |    |      |       |       |       |      |      |
|------|----|------|-------|-------|-------|------|------|
| 1998 | 13 | 90.5 | 111.5 | 111.5 | 102.5 | 79.5 | 83.0 |
| 1999 | 12 | 89.8 | 111.2 | 112.2 | 83.1  | 65.8 | 69.6 |
| 2000 | 13 | 91.5 | 110.8 | 110.5 | 92.2  | 74.9 | 79.4 |
| 2003 | 10 | 90.2 | 110.6 | 112.3 | 88.2  | 71.5 | 73.2 |
| 2004 | 17 | 90.9 | 111.6 | 111.5 | 91.1  | 73.5 | 75.3 |
| 2007 | 10 | 91.3 | 110.1 | 110.6 | 111.7 | 90.0 | 91.2 |
| 2008 | 10 | 90.9 | 111.6 | 111.2 | 110.4 | 89.3 | 93.0 |
| 2009 | 16 | 91.1 | 110.9 | 110.9 | 75.8  | 63.0 | 63.8 |
| 2010 | 10 | 89.4 | 111.9 | 113.3 | 97.8  | 81.9 | 85.8 |
| 2015 | 18 | 91.8 | 110.0 | 110.1 | 106.9 | 92.4 | 94.5 |
| 2016 | 11 | 91.6 | 109.7 | 110.3 | 106.1 | 93.2 | 96.2 |

Tabel: 234 Montbéliard: Vleeskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Vlin  | Be_ko | Ve_ko | Gw_ko | Be_ka | Ve_ka | Gr_ka | Vlkl | Be_st | Ve_st | Gr_st |
|------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 1986 | 13     | 105.1 | 122.8 | 99.2  | 104.5 | 115.9 | 104.5 | 100.5 | 97.0 | 119.8 | 103.7 | 107.2 |
| 1988 | 10     | 106.8 | 121.2 | 100.0 | 104.2 | 116.4 | 103.5 | 103.0 | 96.9 | 118.3 | 104.3 | 107.7 |
| 1990 | 10     | 106.7 | 121.7 | 99.9  | 103.9 | 117.1 | 104.2 | 103.1 | 96.0 | 119.8 | 103.0 | 108.6 |
| 1992 | 10     | 106.7 | 121.2 | 100.0 | 105.1 | 115.5 | 104.5 | 103.8 | 96.8 | 117.2 | 103.4 | 107.5 |
| 1994 | 12     | 103.8 | 121.0 | 99.6  | 105.1 | 112.8 | 105.2 | 100.2 | 96.5 | 116.5 | 102.9 | 105.8 |
| 1997 | 20     | 104.0 | 120.7 | 99.3  | 105.5 | 111.6 | 105.2 | 101.0 | 96.8 | 115.5 | 103.0 | 106.2 |
| 1998 | 15     | 104.8 | 119.9 | 99.4  | 105.0 | 112.6 | 104.2 | 101.7 | 97.2 | 115.2 | 102.7 | 106.1 |
| 1999 | 14     | 105.9 | 120.3 | 99.4  | 104.7 | 114.5 | 103.5 | 102.8 | 96.4 | 116.2 | 102.9 | 106.5 |
| 2000 | 17     | 105.9 | 119.9 | 99.8  | 104.1 | 114.9 | 103.4 | 102.6 | 96.4 | 116.4 | 102.4 | 106.9 |
| 2001 | 13     | 106.8 | 120.8 | 100.5 | 105.8 | 114.9 | 104.5 | 103.4 | 97.1 | 117.0 | 104.3 | 107.8 |
| 2002 | 10     | 105.5 | 120.1 | 99.1  | 106.0 | 112.9 | 105.2 | 101.9 | 97.8 | 115.9 | 104.4 | 107.5 |
| 2003 | 16     | 105.6 | 120.3 | 99.6  | 105.6 | 113.4 | 104.2 | 102.4 | 97.4 | 116.1 | 103.6 | 107.1 |
| 2004 | 21     | 105.5 | 120.0 | 99.0  | 105.1 | 113.5 | 104.2 | 102.0 | 97.7 | 116.5 | 103.3 | 107.4 |
| 2005 | 17     | 104.6 | 120.4 | 99.0  | 104.6 | 112.5 | 104.8 | 100.6 | 97.7 | 117.2 | 103.3 | 107.6 |
| 2006 | 13     | 105.8 | 118.5 | 100.4 | 104.5 | 113.8 | 104.0 | 102.5 | 97.1 | 116.1 | 104.2 | 107.0 |
| 2007 | 13     | 105.2 | 120.0 | 98.8  | 106.5 | 112.3 | 104.5 | 102.5 | 96.8 | 115.5 | 104.0 | 107.5 |
| 2008 | 18     | 106.7 | 122.1 | 97.9  | 108.7 | 112.0 | 104.2 | 103.1 | 98.4 | 117.2 | 103.6 | 110.2 |
| 2009 | 11     | 105.1 | 119.9 | 99.7  | 106.7 | 112.6 | 104.3 | 102.5 | 95.5 | 116.6 | 103.7 | 109.2 |

Tabel: 235 Montbéliard: Kalvervitaliteit  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | KaVi1 | KaVi2 | KaVi3 |
|------|--------|-------|-------|-------|
| 1986 | 11     | 91.8  | 98.5  | 83.7  |
| 1994 | 11     | 92.6  | 98.4  | 85.6  |
| 1997 | 21     | 94.2  | 99.0  | 84.5  |
| 1998 | 12     | 94.9  | 99.8  | 84.2  |
| 1999 | 12     | 95.5  | 100.7 | 85.9  |
| 2000 | 11     | 96.7  | 102.2 | 85.8  |
| 2004 | 17     | 93.2  | 98.7  | 85.7  |
| 2007 | 10     | 91.5  | 98.5  | 82.1  |

Tabel: 236 Montbéliard: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LPin | LPkgM | LPkgV | LPkgE |
|------|--------|------|-------|-------|-------|
|------|--------|------|-------|-------|-------|

|      |    |         |         |        |        |
|------|----|---------|---------|--------|--------|
| 2001 | 22 | -1176.4 | -4998.3 | -197.0 | -169.3 |
| 2002 | 16 | -1068.9 | -4146.2 | -187.0 | -151.0 |
| 2003 | 19 | -798.7  | -3104.5 | -143.5 | -110.8 |
| 2004 | 15 | -956.7  | -3496.2 | -176.5 | -131.0 |
| 2005 | 17 | -1283.4 | -5019.7 | -228.8 | -178.5 |
| 2006 | 16 | -1328.2 | -5107.9 | -232.2 | -187.8 |
| 2007 | 15 | -488.6  | -1806.3 | -88.7  | -67.7  |
| 2008 | 23 | -501.3  | -1853.2 | -92.4  | -68.7  |
| 2009 | 10 | -56.5   | 407.0   | -15.2  | -7.3   |
| 2015 | 14 | 858.0   | 4132.1  | 128.9  | 129.5  |

Tabel: 237 Montbéliard: Robot / AMS kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Eff  | Int   | Gewen |
|------|--------|------|-------|-------|
| 1994 | 10     | 96.7 | 105.2 | 97.5  |
| 1997 | 17     | 97.1 | 105.1 | 97.2  |
| 1998 | 11     | 96.8 | 105.1 | 97.6  |
| 2004 | 10     | 96.9 | 105.2 | 98.2  |

Tabel: 238 Montbéliard: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew   |
|------|--------|-------|------|--------|-------|--------|-------|
| 1986 | 13     | 103.0 | 97.6 | 13     | -2.9  | 0      | 0.0   |
| 1988 | 17     | 101.4 | 97.9 | 17     | -3.6  | 0      | 0.0   |
| 1989 | 21     | 99.7  | 97.4 | 21     | -3.8  | 0      | 0.0   |
| 1990 | 19     | 100.5 | 97.1 | 19     | -3.4  | 0      | 0.0   |
| 1991 | 15     | 102.1 | 98.1 | 15     | -2.9  | 0      | 0.0   |
| 1992 | 21     | 101.3 | 97.2 | 21     | -3.1  | 0      | 0.0   |
| 1993 | 13     | 100.4 | 97.4 | 13     | -2.9  | 0      | 0.0   |
| 1994 | 18     | 101.0 | 97.4 | 18     | -1.9  | 0      | 0.0   |
| 1995 | 11     | 101.7 | 98.0 | 11     | -3.0  | 0      | 0.0   |
| 1996 | 18     | 102.2 | 97.8 | 18     | -2.6  | 0      | 0.0   |
| 1997 | 23     | 102.4 | 99.6 | 23     | -1.2  | 0      | 0.0   |
| 1998 | 22     | 101.3 | 98.5 | 22     | -1.7  | 0      | 0.0   |
| 1999 | 25     | 101.5 | 97.7 | 25     | -2.0  | 0      | 0.0   |
| 2000 | 26     | 102.0 | 98.0 | 26     | -1.5  | 0      | 0.0   |
| 2001 | 24     | 102.5 | 97.9 | 24     | -1.6  | 6      | 103.0 |
| 2002 | 16     | 103.3 | 97.8 | 16     | -0.7  | 7      | 105.9 |
| 2003 | 19     | 104.9 | 97.5 | 19     | -0.9  | 7      | 106.9 |
| 2004 | 17     | 102.4 | 97.6 | 17     | -1.0  | 5      | 105.4 |
| 2005 | 17     | 102.6 | 96.4 | 17     | -0.9  | 8      | 105.6 |
| 2006 | 16     | 100.3 | 97.2 | 16     | -1.0  | 5      | 105.4 |
| 2007 | 15     | 102.5 | 97.7 | 15     | -0.0  | 6      | 107.2 |
| 2008 | 23     | 103.7 | 98.7 | 23     | -0.2  | 8      | 107.8 |
| 2009 | 7      | 104.1 | 98.1 | 10     | 0.1   | 6      | 107.2 |
| 2015 | 14     | 104.0 | 95.7 | 14     | 1.4   | 0      | 0.0   |

Tabel: 239 Normande: Melkproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | kgM | kgV | kgE | kgL | %V | %E | %L | INET |
|------|--------|-----|-----|-----|-----|----|----|----|------|
|------|--------|-----|-----|-----|-----|----|----|----|------|

|      |    |         |       |       |        |      |      |      |        |
|------|----|---------|-------|-------|--------|------|------|------|--------|
| 1988 | 10 | -2327.0 | -91.4 | -78.0 | -106.2 | 22.4 | 10.1 | -0.5 | -543.6 |
| 1995 | 12 | -2173.4 | -86.5 | -72.8 | -99.2  | 18.3 | 9.2  | -0.5 | -509.8 |
| 2004 | 22 | -1962.9 | -78.5 | -68.3 | -52.9  | 15.7 | 4.1  | 59.2 | -461.0 |
| 2006 | 12 | -2029.7 | -85.7 | -68.4 | -61.0  | 8.9  | 7.6  | 51.7 | -478.8 |
| 2007 | 24 | -1878.4 | -75.8 | -65.9 | -56.0  | 13.7 | 2.9  | 47.4 | -446.2 |
| 2008 | 15 | -1970.5 | -79.4 | -66.1 | -65.9  | 14.8 | 8.3  | 39.4 | -457.8 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 240 Normande: Vruchtbaarheidskenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 1995 | 11     | 104.2 | 106.5 | 109.5 | 107.9 | 104.6 | 102.0 | 85.5 | 108.9 |
| 2004 | 22     | 104.0 | 106.7 | 109.5 | 108.0 | 104.5 | 101.7 | 85.9 | 109.2 |
| 2006 | 13     | 103.8 | 105.8 | 108.5 | 107.4 | 104.0 | 101.4 | 86.2 | 108.4 |
| 2007 | 24     | 104.5 | 106.2 | 109.8 | 107.8 | 105.0 | 102.3 | 86.3 | 109.0 |
| 2008 | 13     | 103.8 | 105.5 | 108.4 | 106.8 | 103.8 | 101.6 | 85.1 | 108.0 |

Tabel: 241 Normande: NVI met onderliggende kenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | NVI    | INET   | Lvd   | Ugh   | Vru   | U    | B    | Gin   |
|------|--------|--------|--------|-------|-------|-------|------|------|-------|
| 1995 | 11     | -148.9 | -509.8 | 0.0   | 98.9  | 108.9 | 82.0 | 92.0 | 100.0 |
| 2004 | 22     | -109.4 | -461.0 | 7.2   | 101.2 | 109.2 | 0.0  | 0.0  | 0.0   |
| 2006 | 12     | -124.6 | -478.8 | -13.3 | 100.6 | 108.4 | 0.0  | 0.0  | 0.0   |
| 2007 | 24     | -109.4 | -446.2 | 16.7  | 100.4 | 109.0 | 0.0  | 0.0  | 0.0   |
| 2008 | 14     | -120.6 | -457.8 | 22.3  | 100.2 | 108.0 | 0.0  | 0.0  | 0.0   |

Tabel: 242 Normande: Levensproductiekenmerken  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | LPin    | LPkgM   | LPkgV  | LPkgE  |
|------|--------|---------|---------|--------|--------|
| 2004 | 10     | -1802.3 | -7699.2 | -280.4 | -266.8 |

Tabel: 243 Normande: Overige productie en efficiency kenm.  
Basis: Melkdoel rood  
Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew |
|------|--------|-------|------|--------|-------|--------|-----|
| 1988 | 10     | 103.5 | 96.1 | 10     | -6.3  | 0      | 0.0 |
| 1995 | 12     | 103.2 | 93.9 | 12     | -4.8  | 0      | 0.0 |
| 2004 | 22     | 105.1 | 93.7 | 22     | -3.6  | 0      | 0.0 |
| 2006 | 12     | 102.7 | 92.8 | 12     | -3.9  | 0      | 0.0 |
| 2007 | 24     | 106.0 | 93.8 | 24     | -3.5  | 0      | 0.0 |
| 2008 | 15     | 104.9 | 92.1 | 15     | -3.8  | 0      | 0.0 |

Tabel: 244 KRB: Melkproductiekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | kgM    | kgV   | kgE   | kgL   | %V   | %E   | %L   | INET   |
|------|--------|--------|-------|-------|-------|------|------|------|--------|
| 2013 | 33     | -779.4 | -29.3 | -34.2 | -36.2 | 10.0 | -9.2 | -0.6 | -212.4 |
| 2014 | 33     | -689.4 | -28.4 | -30.9 | -30.7 | 4.5  | -8.7 | 2.2  | -195.5 |
| 2015 | 28     | -669.6 | -28.2 | -30.5 | -28.2 | 2.7  | -9.2 | 5.0  | -192.7 |

NB: Vet%, eiwit% en lactose% hebben een fokwaarde\*100

Tabel: 245 KRB: Vruchtbaarheidsskenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | NR56  | IAI   | IEL   | TKT   | DP_ko | DP_pi | LEI  | Vru   |
|------|--------|-------|-------|-------|-------|-------|-------|------|-------|
| 2013 | 31     | 101.0 | 101.2 | 103.0 | 101.5 | 101.9 | 104.6 | 96.4 | 102.4 |
| 2014 | 21     | 101.0 | 101.0 | 102.9 | 101.4 | 101.8 | 104.7 | 96.6 | 102.3 |

Tabel: 246 KRB: NVI met onderliggende kenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | NVI   | INET   | Lvd | Ugh   | Vru   | U   | B   | Gin |
|------|--------|-------|--------|-----|-------|-------|-----|-----|-----|
| 2013 | 32     | -58.8 | -212.4 | 0.0 | 100.8 | 102.4 | 0.0 | 0.0 | 0.0 |
| 2014 | 33     | -54.2 | -195.5 | 0.0 | 101.3 | 102.3 | 0.0 | 0.0 | 0.0 |
| 2015 | 27     | -59.2 | -192.7 | 0.0 | 101.3 | 101.0 | 0.0 | 0.0 | 0.0 |

Tabel: 247 KRB: Geboortekenmerken  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Geb  | DDt   | DGw   | Afk | MDt | MGw |
|------|--------|------|-------|-------|-----|-----|-----|
| 2017 | 36     | 98.4 | 103.7 | 101.2 | 0.0 | 0.0 | 0.0 |
| 2018 | 19     | 98.5 | 103.9 | 101.2 | 0.0 | 0.0 | 0.0 |

Tabel: 248 KRB: Overige productie en efficiency kenm.  
 Basis: Dubbeldoel  
 Land: VL

| Jaar | Aantal | Pers  | RTM  | Aantal | DSopn | Aantal | Gew |
|------|--------|-------|------|--------|-------|--------|-----|
| 2013 | 33     | 101.6 | 98.3 | 33     | -1.7  | 0      | 0.0 |
| 2014 | 33     | 101.7 | 97.5 | 33     | -1.6  | 0      | 0.0 |
| 2015 | 28     | 102.0 | 97.5 | 28     | -1.7  | 0      | 0.0 |