

Genetische trends van koeien in Vlaanderen

Datum: 07-05-2020

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:

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
VB = Voorbeenstand
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 = Bespiering
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 = Beveleesdheid koe
Ve_ko = Vetbedekking koe
Gw_ko = Gewicht koe
Be_ka = Beveleesdheid kalf
Ve_ka = Vetbedekking kalf
Gr_ka = Groei kalf
Vlkl = Vleeskleur kalf
Be_st = Beveleesdheid stier
Ve_st = Vetbedekking stier
Gr_st = Groei stier
Vlin = Vleesindex
KaVi1 = Kalervitaliteit gedurende opfok
KaVi2 = Kalervitaliteit gedurende opfok dag 3-14
KaVi3 = Kalervitaliteit mestkalveren
LPin = Levensproductie index
LPkgM = Levensproductie kg melk
LPkgV = Levensproductie kg vet
LPkgE = Levensproductie kg eiwit
Eff = AMS Efficiency
Int = AMS Interval
Gwen = AMS Gewenning
Pers = Persistentie
RTM = Laatrij pheid
DSopn = Kg droge stof opname
Gew = Lichaamsgewicht
BVK = Besparing voerkosten voor onderhoud (euro/lact)
SAin = Stofwisselingsaandoeningen index
MZ = Melkziekte index
SMZ = Klinische Ketose / Slepemde Melkziekte index
RSin = Reproductiestoornissen index
NAGE = Aan de nageboorte blijven staan-index
VUIL = Niet opgeschoonde baarmoeders-index

BMON = Baarmoederontsteking index
CYST = Cysteuze eierstokken index
ANOE = Anoestrus index
SubKE = Subklinische ketose index

Rassen met meer dan 10 waarnemingen per jaar - Vlaanderen

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

Inhoudsopgave (Vlaanderen)

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	Zwartbont Holstein, basis Z:	Stofwisselingsaandoeningen
Tabel:	18	Zwartbont Holstein, basis Z:	Reproductiestoornissen
Tabel:	19	Red-Holstein, basis R:	Melkproductiekenmerken
Tabel:	20	Red-Holstein, basis R:	Exterieurkenmerken bouw
Tabel:	21	Red-Holstein, basis R:	Exterieurkenmerken beenwerk
Tabel:	22	Red-Holstein, basis R:	Exterieurkenmerken uier
Tabel:	23	Red-Holstein, basis R:	Exterieurkenmerken bovenbalk
Tabel:	24	Red-Holstein, basis R:	Vruchtbaarheidskenmerken
Tabel:	25	Red-Holstein, basis R:	Gebruikskenmerken
Tabel:	26	Red-Holstein, basis R:	NVI met onderliggende kenmerken
Tabel:	27	Red-Holstein, basis R:	Klauwgezondheidskenmerken

Tabel: 28 Red-Holstein, basis R: Levensvatbaarheidskenmerken
 Tabel: 29 Red-Holstein, basis R: Geboortekenmerken
 Tabel: 30 Red-Holstein, basis R: Vleeskenmerken
 Tabel: 31 Red-Holstein, basis R: Kalvervitaliteit
 Tabel: 32 Red-Holstein, basis R: Levensproductiekenmerken
 Tabel: 33 Red-Holstein, basis R: Robot / AMS kenmerken
 Tabel: 34 Red-Holstein, basis R: Overige productie en efficiency kenm.
 Tabel: 35 Red-Holstein, basis R: Stofwisselingsaandoeningen
 Tabel: 36 Red-Holstein, basis R: Reproductiestoornissen
 Tabel: 37 Holstein - Fries Hollands zwartbont, basis Z:
 Melkproductiekenmerken
 Tabel: 38 Holstein - Fries Hollands zwartbont, basis Z:
 Exterieurkenmerken bouw
 Tabel: 39 Holstein - Fries Hollands zwartbont, basis Z:
 Exterieurkenmerken beenwerk
 Tabel: 40 Holstein - Fries Hollands zwartbont, basis Z:
 Exterieurkenmerken uier
 Tabel: 41 Holstein - Fries Hollands zwartbont, basis Z:
 Exterieurkenmerken bovenbalk
 Tabel: 42 Holstein - Fries Hollands zwartbont, basis Z:
 Vruchtbaarheidskenmerken
 Tabel: 43 Holstein - Fries Hollands zwartbont, basis Z:
 Gebruikskenmerken
 Tabel: 44 Holstein - Fries Hollands zwartbont, basis Z: NVI met
 onderliggende kenmerken
 Tabel: 45 Holstein - Fries Hollands zwartbont, basis Z:
 Klauwgezondheidskenmerken
 Tabel: 46 Holstein - Fries Hollands zwartbont, basis Z:
 Levensvatbaarheidskenmerken
 Tabel: 47 Holstein - Fries Hollands zwartbont, basis Z:
 Geboortekenmerken
 Tabel: 48 Holstein - Fries Hollands zwartbont, basis Z: Vleeskenmerken
 Tabel: 49 Holstein - Fries Hollands zwartbont, basis Z: Kalvervitaliteit
 Tabel: 50 Holstein - Fries Hollands zwartbont, basis Z:
 Levensproductiekenmerken
 Tabel: 51 Holstein - Fries Hollands zwartbont, basis Z: Robot / AMS
 kenmerken
 Tabel: 52 Holstein - Fries Hollands zwartbont, basis Z: Overige
 productie en efficiency kenm.
 Tabel: 53 Holstein - Fries Hollands zwartbont, basis Z:
 Stofwisselingsaandoeningen
 Tabel: 54 Holstein - Fries Hollands zwartbont, basis Z:
 Reproductiestoornissen
 Tabel: 55 Holstein - Fries Hollands zwartbont, basis Y:
 Melkproductiekenmerken
 Tabel: 56 Holstein - Fries Hollands zwartbont, basis Y:
 Exterieurkenmerken bouw
 Tabel: 57 Holstein - Fries Hollands zwartbont, basis Y:
 Exterieurkenmerken beenwerk
 Tabel: 58 Holstein - Fries Hollands zwartbont, basis Y:
 Exterieurkenmerken uier
 Tabel: 59 Holstein - Fries Hollands zwartbont, basis Y:
 Exterieurkenmerken bovenbalk
 Tabel: 60 Holstein - Fries Hollands zwartbont, basis Y:
 Vruchtbaarheidskenmerken
 Tabel: 61 Holstein - Fries Hollands zwartbont, basis Y:
 Gebruikskenmerken

Tabel: 62 Holstein - Fries Hollands zwartbont, basis Y: NVI met onderliggende kenmerken

Tabel: 63 Holstein - Fries Hollands zwartbont, basis Y: Levensvatbaarheidskenmerken

Tabel: 64 Holstein - Fries Hollands zwartbont, basis Y: Geboortekenmerken

Tabel: 65 Holstein - Fries Hollands zwartbont, basis Y: Vleeskenmerken

Tabel: 66 Holstein - Fries Hollands zwartbont, basis Y: Kalvervitaliteit

Tabel: 67 Holstein - Fries Hollands zwartbont, basis Y: Overige productie en efficiency kenm.

Tabel: 68 Holstein - Fries Hollands zwartbont, basis Y: Stofwisselingsaandoeningen

Tabel: 69 Fries Hollands - zwartbont, basis Y: Melkproductiekenmerken

Tabel: 70 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bouw

Tabel: 71 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken beenwerk

Tabel: 72 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken uier

Tabel: 73 Fries Hollands - zwartbont, basis Y: Exterieurkenmerken bovenbalk

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

Tabel: 75 Fries Hollands - zwartbont, basis Y: Gebruikskenmerken

Tabel: 76 Fries Hollands - zwartbont, basis Y: NVI met onderliggende kenmerken

Tabel: 77 Fries Hollands - zwartbont, basis Y: Levensvatbaarheidskenmerken

Tabel: 78 Fries Hollands - zwartbont, basis Y: Geboortekenmerken

Tabel: 79 Fries Hollands - zwartbont, basis Y: Vleeskenmerken

Tabel: 80 Fries Hollands - zwartbont, basis Y: Kalvervitaliteit

Tabel: 81 Fries Hollands - zwartbont, basis Y: Levensproductiekenmerken

Tabel: 82 Fries Hollands - zwartbont, basis Y: Overige productie en efficiency kenm.

Tabel: 83 Fries Hollands - zwartbont, basis Y: Stofwisselingsaandoeningen

Tabel: 84 Maas Rijn IJssel, basis Y: Melkproductiekenmerken

Tabel: 85 Maas Rijn IJssel, basis Y: Exterieurkenmerken bouw

Tabel: 86 Maas Rijn IJssel, basis Y: Exterieurkenmerken beenwerk

Tabel: 87 Maas Rijn IJssel, basis Y: Exterieurkenmerken uier

Tabel: 88 Maas Rijn IJssel, basis Y: Exterieurkenmerken bovenbalk

Tabel: 89 Maas Rijn IJssel, basis Y: Vruchtbaarheidskenmerken

Tabel: 90 Maas Rijn IJssel, basis Y: Gebruikskenmerken

Tabel: 91 Maas Rijn IJssel, basis Y: NVI met onderliggende kenmerken

Tabel: 92 Maas Rijn IJssel, basis Y: Klauwgezondheidskenmerken

Tabel: 93 Maas Rijn IJssel, basis Y: Levensvatbaarheidskenmerken

Tabel: 94 Maas Rijn IJssel, basis Y: Geboortekenmerken

Tabel: 95 Maas Rijn IJssel, basis Y: Vleeskenmerken

Tabel: 96 Maas Rijn IJssel, basis Y: Kalvervitaliteit

Tabel: 97 Maas Rijn IJssel, basis Y: Levensproductiekenmerken

Tabel: 98 Maas Rijn IJssel, basis Y: Robot / AMS kenmerken

Tabel: 99 Maas Rijn IJssel, basis Y: Overige productie en efficiency kenm.

Tabel: 100 Maas Rijn IJssel, basis Y: Stofwisselingsaandoeningen

Tabel: 101 Maas Rijn IJssel, basis Y: Reproductiestoornissen

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

Tabel: 103 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bouw

Tabel: 104 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken beenwerk

Tabel: 105 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken uier

Tabel: 106 MRIJ - Holstein Friesian roodbont, basis R: Exterieurkenmerken bovenbalk

Tabel: 107 MRIJ - Holstein Friesian roodbont, basis R: Vruchtbaarheidsskenmerken

Tabel: 108 MRIJ - Holstein Friesian roodbont, basis R: Gebruikskenmerken

Tabel: 109 MRIJ - Holstein Friesian roodbont, basis R: NVI met onderliggende kenmerken

Tabel: 110 MRIJ - Holstein Friesian roodbont, basis R: Klauwgezondheidskenmerken

Tabel: 111 MRIJ - Holstein Friesian roodbont, basis R: Levensvatbaarheidsskenmerken

Tabel: 112 MRIJ - Holstein Friesian roodbont, basis R: Geboortekenmerken

Tabel: 113 MRIJ - Holstein Friesian roodbont, basis R: Vleeskenmerken

Tabel: 114 MRIJ - Holstein Friesian roodbont, basis R: Kalvervitaliteit

Tabel: 115 MRIJ - Holstein Friesian roodbont, basis R: Levensproductiekenmerken

Tabel: 116 MRIJ - Holstein Friesian roodbont, basis R: Robot / AMS kenmerken

Tabel: 117 MRIJ - Holstein Friesian roodbont, basis R: Overige productie en efficiency kenm.

Tabel: 118 MRIJ - Holstein Friesian roodbont, basis R: Stofwisselingsaandoeningen

Tabel: 119 MRIJ - Holstein Friesian roodbont, basis R: Reproductiestoornissen

Tabel: 120 MRIJ - Holstein Friesian roodbont, basis Y: Melkproductiekenmerken

Tabel: 121 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bouw

Tabel: 122 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken beenwerk

Tabel: 123 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken uier

Tabel: 124 MRIJ - Holstein Friesian roodbont, basis Y: Exterieurkenmerken bovenbalk

Tabel: 125 MRIJ - Holstein Friesian roodbont, basis Y: Vruchtbaarheidsskenmerken

Tabel: 126 MRIJ - Holstein Friesian roodbont, basis Y: Gebruikskenmerken

Tabel: 127 MRIJ - Holstein Friesian roodbont, basis Y: NVI met onderliggende kenmerken

Tabel: 128 MRIJ - Holstein Friesian roodbont, basis Y: Klauwgezondheidskenmerken

Tabel: 129 MRIJ - Holstein Friesian roodbont, basis Y: Levensvatbaarheidsskenmerken

Tabel: 130 MRIJ - Holstein Friesian roodbont, basis Y: Geboortekenmerken

Tabel: 131 MRIJ - Holstein Friesian roodbont, basis Y: Vleeskenmerken

Tabel: 132 MRIJ - Holstein Friesian roodbont, basis Y: Kalvervitaliteit

Tabel: 133 MRIJ - Holstein Friesian roodbont, basis Y: Levensproductiekenmerken

Tabel: 134 MRIJ - Holstein Friesian roodbont, basis Y: Robot / AMS kenmerken

Tabel: 135 MRIJ - Holstein Friesian roodbont, basis Y: Overige productie en efficiency kenm.

Tabel: 136 MRIJ - Holstein Friesian roodbont, basis Y: Stofwisselingsaandoeningen

Tabel: 137 Jersey, basis R: Melkproductiekenmerken

Tabel: 138 Jersey, basis R: Exterieurkenmerken bouw

Tabel: 139 Jersey, basis R: Exterieurkenmerken beenwerk
Tabel: 140 Jersey, basis R: Exterieurkenmerken uier
Tabel: 141 Jersey, basis R: Exterieurkenmerken bovenbalk
Tabel: 142 Jersey, basis R: Vruchtbaarheidskenmerken
Tabel: 143 Jersey, basis R: Gebruikskkenmerken
Tabel: 144 Jersey, basis R: NVI met onderliggende kenmerken
Tabel: 145 Jersey, basis R: Levensvatbaarheidskenmerken
Tabel: 146 Jersey, basis R: Geboortekenmerken
Tabel: 147 Jersey, basis R: Vleeskenmerken
Tabel: 148 Jersey, basis R: Kalvervitaliteit
Tabel: 149 Jersey, basis R: Levensproductiekenmerken
Tabel: 150 Jersey, basis R: Robot / AMS kenmerken
Tabel: 151 Jersey, basis R: Overige productie en efficiency kenm.
Tabel: 152 Jersey, basis R: Stofwisselingsaandoeningen
Tabel: 153 Lakenvelder - zwartbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 154 Verbeterd Roodbont, basis B: Vruchtbaarheidskenmerken
Tabel: 155 Verbeterd Roodbont, basis B: Geboortekenmerken
Tabel: 156 Verbeterd Roodbont, basis B: Vleeskenmerken
Tabel: 157 Witblauw Mixte, basis Y: Melkproductiekenmerken
Tabel: 158 Witblauw Mixte, basis Y: Vruchtbaarheidskenmerken
Tabel: 159 Witblauw Mixte, basis Y: NVI met onderliggende kenmerken
Tabel: 160 Witblauw Mixte, basis Y: Geboortekenmerken
Tabel: 161 Witblauw Mixte, basis Y: Vleeskenmerken
Tabel: 162 Witblauw Mixte, basis Y: Levensproductiekenmerken
Tabel: 163 Witblauw Mixte, basis Y: Robot / AMS kenmerken
Tabel: 164 Witblauw Mixte, basis Y: Overige productie en efficiency kenm.
Tabel: 165 Witblauw Mixte, basis Y: Stofwisselingsaandoeningen
Tabel: 166 Rood Dubbeldoel, basis Y: Melkproductiekenmerken
Tabel: 167 Rood Dubbeldoel, basis Y: Exterieurkenmerken bouw
Tabel: 168 Rood Dubbeldoel, basis Y: Exterieurkenmerken beenwerk
Tabel: 169 Rood Dubbeldoel, basis Y: Exterieurkenmerken uier
Tabel: 170 Rood Dubbeldoel, basis Y: Exterieurkenmerken bovenbalk
Tabel: 171 Rood Dubbeldoel, basis Y: Vruchtbaarheidskenmerken
Tabel: 172 Rood Dubbeldoel, basis Y: Gebruikskkenmerken
Tabel: 173 Rood Dubbeldoel, basis Y: NVI met onderliggende kenmerken
Tabel: 174 Rood Dubbeldoel, basis Y: Geboortekenmerken
Tabel: 175 Rood Dubbeldoel, basis Y: Vleeskenmerken
Tabel: 176 Rood Dubbeldoel, basis Y: Levensproductiekenmerken
Tabel: 177 Rood Dubbeldoel, basis Y: Overige productie en efficiency kenm.
Tabel: 178 Rood Dubbeldoel, basis Y: Stofwisselingsaandoeningen
Tabel: 179 Witrood, basis Y: Melkproductiekenmerken
Tabel: 180 Witrood, basis Y: Exterieurkenmerken bouw
Tabel: 181 Witrood, basis Y: Exterieurkenmerken beenwerk
Tabel: 182 Witrood, basis Y: Exterieurkenmerken uier
Tabel: 183 Witrood, basis Y: Exterieurkenmerken bovenbalk
Tabel: 184 Witrood, basis Y: Vruchtbaarheidskenmerken
Tabel: 185 Witrood, basis Y: Gebruikskkenmerken
Tabel: 186 Witrood, basis Y: NVI met onderliggende kenmerken
Tabel: 187 Witrood, basis Y: Geboortekenmerken
Tabel: 188 Witrood, basis Y: Vleeskenmerken
Tabel: 189 Witrood, basis Y: Levensproductiekenmerken
Tabel: 190 Witrood, basis Y: Overige productie en efficiency kenm.
Tabel: 191 Witrood, basis Y: Stofwisselingsaandoeningen
Tabel: 192 Witblauw, basis B: Melkproductiekenmerken
Tabel: 193 Witblauw, basis B: Vruchtbaarheidskenmerken
Tabel: 194 Witblauw, basis B: NVI met onderliggende kenmerken
Tabel: 195 Witblauw, basis B: Levensvatbaarheidskenmerken

Tabel: 196 Witblauw, basis B: Geboortekenmerken
Tabel: 197 Witblauw, basis B: Vleeskenmerken
Tabel: 198 Witblauw, basis B: Overige productie en efficiency kenm.
Tabel: 199 Witblauw, basis B: Stofwisselingsaandoeningen
Tabel: 200 Fleck Vieh, basis Y: Melkproductiekenmerken
Tabel: 201 Fleck Vieh, basis Y: Exterieurkenmerken bouw
Tabel: 202 Fleck Vieh, basis Y: Exterieurkenmerken beenwerk
Tabel: 203 Fleck Vieh, basis Y: Exterieurkenmerken uier
Tabel: 204 Fleck Vieh, basis Y: Exterieurkenmerken bovenbalk
Tabel: 205 Fleck Vieh, basis Y: Vruchtbaarheidskenmerken
Tabel: 206 Fleck Vieh, basis Y: Gebruikskenmerken
Tabel: 207 Fleck Vieh, basis Y: NVI met onderliggende kenmerken
Tabel: 208 Fleck Vieh, basis Y: Klauwgezondheidskenmerken
Tabel: 209 Fleck Vieh, basis Y: Levensvatbaarheidskenmerken
Tabel: 210 Fleck Vieh, basis Y: Geboortekenmerken
Tabel: 211 Fleck Vieh, basis Y: Vleeskenmerken
Tabel: 212 Fleck Vieh, basis Y: Kalvervitaliteit
Tabel: 213 Fleck Vieh, basis Y: Levensproductiekenmerken
Tabel: 214 Fleck Vieh, basis Y: Robot / AMS kenmerken
Tabel: 215 Fleck Vieh, basis Y: Overige productie en efficiency kenm.
Tabel: 216 Fleck Vieh, basis Y: Stofwisselingsaandoeningen
Tabel: 217 Fleck Vieh, basis Y: Reproductiestoornissen
Tabel: 218 Brown Swiss, basis R: Melkproductiekenmerken
Tabel: 219 Brown Swiss, basis R: Exterieurkenmerken bouw
Tabel: 220 Brown Swiss, basis R: Exterieurkenmerken beenwerk
Tabel: 221 Brown Swiss, basis R: Exterieurkenmerken uier
Tabel: 222 Brown Swiss, basis R: Exterieurkenmerken bovenbalk
Tabel: 223 Brown Swiss, basis R: Vruchtbaarheidskenmerken
Tabel: 224 Brown Swiss, basis R: Gebruikskenmerken
Tabel: 225 Brown Swiss, basis R: NVI met onderliggende kenmerken
Tabel: 226 Brown Swiss, basis R: Levensvatbaarheidskenmerken
Tabel: 227 Brown Swiss, basis R: Geboortekenmerken
Tabel: 228 Brown Swiss, basis R: Vleeskenmerken
Tabel: 229 Brown Swiss, basis R: Kalvervitaliteit
Tabel: 230 Brown Swiss, basis R: Levensproductiekenmerken
Tabel: 231 Brown Swiss, basis R: Robot / AMS kenmerken
Tabel: 232 Brown Swiss, basis R: Overige productie en efficiency kenm.
Tabel: 233 Brown Swiss, basis R: Stofwisselingsaandoeningen
Tabel: 234 Roodbont, basis Y: Melkproductiekenmerken
Tabel: 235 Roodbont, basis Y: Exterieurkenmerken bouw
Tabel: 236 Roodbont, basis Y: Exterieurkenmerken beenwerk
Tabel: 237 Roodbont, basis Y: Exterieurkenmerken uier
Tabel: 238 Roodbont, basis Y: Exterieurkenmerken bovenbalk
Tabel: 239 Roodbont, basis Y: Vruchtbaarheidskenmerken
Tabel: 240 Roodbont, basis Y: Gebruikskenmerken
Tabel: 241 Roodbont, basis Y: NVI met onderliggende kenmerken
Tabel: 242 Roodbont, basis Y: Levensvatbaarheidskenmerken
Tabel: 243 Roodbont, basis Y: Geboortekenmerken
Tabel: 244 Roodbont, basis Y: Vleeskenmerken
Tabel: 245 Roodbont, basis Y: Overige productie en efficiency kenm.
Tabel: 246 Montbéliard, basis R: Melkproductiekenmerken
Tabel: 247 Montbéliard, basis R: Exterieurkenmerken bouw
Tabel: 248 Montbéliard, basis R: Exterieurkenmerken beenwerk
Tabel: 249 Montbéliard, basis R: Exterieurkenmerken uier
Tabel: 250 Montbéliard, basis R: Exterieurkenmerken bovenbalk
Tabel: 251 Montbéliard, basis R: Vruchtbaarheidskenmerken
Tabel: 252 Montbéliard, basis R: Gebruikskenmerken
Tabel: 253 Montbéliard, basis R: NVI met onderliggende kenmerken

Tabel: 254 Montbéliard, basis R: Levensvatbaarheidskenmerken
Tabel: 255 Montbéliard, basis R: Geboortekenmerken
Tabel: 256 Montbéliard, basis R: Vleeskenmerken
Tabel: 257 Montbéliard, basis R: Kalvervitaliteit
Tabel: 258 Montbéliard, basis R: Levensproductiekenmerken
Tabel: 259 Montbéliard, basis R: Robot / AMS kenmerken
Tabel: 260 Montbéliard, basis R: Overige productie en efficiency kenm.
Tabel: 261 Montbéliard, basis R: Stofwisselingsaandoeningen
Tabel: 262 Montbéliard, basis R: Reproductiestoornissen
Tabel: 263 Blonde d'Aquitaine, basis Y: Vruchtbaarheidskenmerken
Tabel: 264 Blonde d'Aquitaine, basis Y: Geboortekenmerken
Tabel: 265 Blonde d'Aquitaine, basis Y: Vleeskenmerken
Tabel: 266 Normande, basis R: Melkproductiekenmerken
Tabel: 267 Normande, basis R: Vruchtbaarheidskenmerken
Tabel: 268 Normande, basis R: NVI met onderliggende kenmerken
Tabel: 269 Normande, basis R: Levensproductiekenmerken
Tabel: 270 Normande, basis R: Overige productie en efficiency kenm.
Tabel: 271 Normande, basis R: Stofwisselingsaandoeningen
Tabel: 272 KRB, basis Y: Melkproductiekenmerken
Tabel: 273 KRB, basis Y: Vruchtbaarheidskenmerken
Tabel: 274 KRB, basis Y: NVI met onderliggende kenmerken
Tabel: 275 KRB, basis Y: Geboortekenmerken
Tabel: 276 KRB, basis Y: Levensproductiekenmerken
Tabel: 277 KRB, basis Y: Overige productie en efficiency kenm.
Tabel: 278 KRB, basis Y: Stofwisselingsaandoeningen

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	424	-3001.5	-105.9	-102.0	-138.9	38.3	5.3	-2.2	-685.4
1981	593	-2968.4	-104.7	-100.5	-137.5	37.4	5.7	-2.6	-679.4
1982	696	-2854.1	-99.3	-97.9	-132.0	38.3	3.7	-2.1	-656.0
1983	936	-2827.0	-97.6	-97.6	-130.1	38.7	2.2	-1.2	-647.7
1984	1080	-2757.4	-92.5	-95.4	-127.0	41.9	1.9	-1.4	-626.8
1985	1479	-2702.9	-90.1	-93.6	-124.2	41.9	1.8	-0.9	-612.9
1986	2405	-2501.2	-82.5	-87.7	-115.3	39.2	0.1	-1.3	-572.0
1987	3522	-2531.2	-82.1	-87.7	-115.9	41.7	1.6	-0.3	-568.0
1988	4971	-2373.3	-76.6	-82.5	-108.6	39.0	1.0	-0.2	-533.3
1989	6438	-2275.6	-73.3	-80.3	-103.9	37.0	-0.8	0.1	-515.3
1990	7918	-2101.8	-67.8	-75.2	-96.0	33.6	-2.2	0.0	-480.7
1991	9772	-1987.2	-65.6	-72.1	-90.7	29.2	-3.4	0.1	-461.6
1992	11530	-1840.2	-63.4	-67.9	-84.0	22.7	-4.7	0.1	-437.5
1993	12794	-1728.7	-61.0	-64.9	-78.7	18.8	-5.9	0.3	-418.3
1994	14899	-1596.9	-58.2	-61.1	-72.7	14.6	-7.0	0.3	-395.3
1995	16742	-1476.9	-54.2	-56.8	-67.2	12.8	-6.7	0.3	-367.6
1996	17609	-1324.8	-49.9	-52.1	-60.3	9.6	-7.4	0.3	-337.0
1997	18976	-1245.4	-47.0	-49.3	-56.7	8.9	-7.3	0.2	-319.0
1998	20077	-1131.4	-44.5	-45.7	-51.5	5.7	-7.6	0.3	-296.8
1999	20326	-1060.1	-42.5	-43.6	-48.2	4.3	-8.0	0.3	-282.9
2000	21094	-918.4	-40.6	-39.5	-41.8	-0.7	-8.8	0.2	-260.1
2001	21666	-838.7	-39.7	-37.2	-38.4	-3.9	-9.5	-0.0	-247.8
2002	22317	-746.0	-37.3	-34.4	-34.4	-5.9	-9.9	-0.4	-230.1

2003	22499	-699.4	-35.1	-33.2	-33.5	-5.6	-10.3	-1.9	-220.2
2004	22861	-617.4	-32.2	-29.5	-29.5	-6.3	-9.1	-1.5	-197.5
2005	22041	-546.2	-30.1	-26.9	-26.5	-7.3	-9.0	-1.8	-181.6
2006	22874	-448.3	-28.2	-23.2	-21.3	-9.9	-8.5	-1.0	-160.7
2007	22018	-373.1	-26.6	-20.4	-17.7	-11.7	-8.3	-0.7	-144.8
2008	23550	-326.8	-25.3	-18.6	-15.1	-12.5	-8.0	-0.3	-133.9
2009	22562	-268.5	-22.4	-16.4	-12.5	-11.8	-7.7	-0.2	-117.8
2010	21881	-217.7	-19.3	-14.0	-10.0	-10.7	-6.9	-0.0	-100.5
2011	21826	-148.1	-16.3	-11.2	-5.9	-10.5	-6.4	1.0	-81.5
2012	22422	-112.9	-14.1	-9.0	-4.3	-9.7	-5.3	1.0	-67.6
2013	23052	-49.3	-10.6	-6.6	-1.0	-8.7	-5.1	1.4	-49.4
2014	24313	48.0	-6.3	-3.5	3.6	-8.4	-5.2	1.5	-26.3
2015	25148	164.5	-0.5	0.3	9.2	-7.3	-5.4	1.8	3.1
2016	25144	292.3	5.9	5.5	15.1	-6.1	-4.5	1.9	39.6
2017	21510	380.5	11.0	9.3	19.7	-4.6	-3.7	2.5	67.1
2018	1543	459.4	14.2	11.6	23.2	-4.8	-4.2	2.4	84.4

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	98	85.8	96.6	87.4	84.5	102.7	96.7	95.4
1981	177	86.9	96.7	88.8	86.3	102.1	97.0	95.9
1982	245	87.4	96.5	89.1	86.8	101.4	96.1	96.4
1983	323	87.3	96.6	89.0	86.8	102.3	96.4	95.9
1984	422	87.6	96.9	89.3	87.1	102.7	96.2	95.8
1985	657	87.9	96.7	89.5	87.3	102.9	96.5	95.9
1986	1017	88.9	96.5	90.2	88.3	102.1	96.3	96.1
1987	1373	89.0	96.5	91.1	89.0	101.8	96.0	96.3
1988	2179	89.2	96.4	91.3	89.4	101.4	96.0	96.6
1989	3492	89.8	96.4	91.9	90.1	101.0	95.8	96.7
1990	4365	90.4	96.1	92.4	90.8	100.5	96.4	96.8
1991	5536	90.8	96.0	92.6	91.2	100.2	96.6	97.0
1992	6747	91.4	96.5	93.3	91.9	100.0	96.6	97.2
1993	7356	91.9	96.7	93.8	92.4	99.9	96.6	97.2
1994	8718	92.3	96.6	94.2	93.0	99.5	96.7	97.3
1995	9863	92.6	96.7	94.5	93.4	99.4	96.9	97.2
1996	10808	92.9	96.7	95.0	94.0	98.9	97.1	96.8
1997	11409	93.4	96.8	95.2	94.3	98.9	97.3	97.2
1998	12491	93.9	97.1	95.8	94.8	98.7	97.4	97.4
1999	12447	94.1	97.2	96.1	95.3	98.7	97.6	97.5
2000	12805	94.7	97.4	96.6	95.8	98.4	98.2	98.2
2001	13177	95.2	97.1	96.8	96.0	98.1	98.0	98.4
2002	13466	95.6	97.3	97.2	96.4	97.7	98.1	98.5
2003	13546	96.1	97.5	97.8	97.1	97.6	98.2	99.1
2004	13467	96.3	97.7	97.8	97.2	97.8	98.5	98.9
2005	12547	96.9	98.0	98.2	97.7	98.0	98.9	99.0
2006	12931	97.4	98.4	98.6	97.9	98.2	99.2	99.3
2007	12056	97.8	98.7	99.0	98.2	98.3	99.4	99.8
2008	12459	98.2	98.8	99.2	98.3	98.4	99.6	100.2
2009	12494	98.2	98.8	99.2	98.4	98.6	99.5	100.2
2010	12937	98.5	99.0	99.4	98.7	98.8	99.5	100.3
2011	12986	99.1	99.7	99.8	99.0	99.4	99.3	100.5

2012	13434	99.9	99.8	100.1	99.5	99.5	99.3	100.5
2013	13789	100.4	99.6	100.3	100.0	99.3	99.4	100.6
2014	14162	100.8	99.8	100.6	100.5	99.3	99.8	100.6
2015	14352	101.1	100.0	100.7	100.8	99.5	99.7	100.8
2016	13760	101.4	100.2	101.0	101.3	99.6	99.4	101.0
2017	9449	102.0	100.5	101.0	101.3	99.9	99.4	101.3
2018	440	102.1	100.7	101.0	101.8	100.0	99.8	101.5

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	98	92.6	97.4	94.3	95.1	88.8
1981	177	93.2	98.3	94.8	95.6	89.7
1982	245	93.4	98.6	94.9	95.7	90.3
1983	323	93.3	99.0	95.0	95.8	89.9
1984	422	93.4	99.3	95.3	96.0	90.1
1985	657	93.5	100.0	95.5	96.3	90.4
1986	1017	94.0	100.2	95.9	96.3	90.9
1987	1373	93.8	100.7	95.5	95.7	90.6
1988	2179	94.1	101.0	95.5	95.6	91.0
1989	3492	94.5	101.3	95.5	95.6	91.4
1990	4365	94.5	101.4	95.6	95.5	91.5
1991	5536	94.8	101.5	95.7	95.6	92.1
1992	6747	94.6	101.6	95.6	95.8	92.2
1993	7356	94.8	101.6	95.8	95.9	92.3
1994	8718	95.0	101.6	95.8	95.8	92.7
1995	9863	95.1	101.7	95.9	96.0	93.2
1996	10808	95.2	102.2	95.6	96.2	93.5
1997	11409	95.6	102.0	95.8	96.4	93.8
1998	12491	95.8	101.9	96.2	96.5	94.2
1999	12447	96.0	102.1	96.2	96.6	94.4
2000	12805	96.0	101.8	96.5	96.3	94.6
2001	13177	96.2	101.8	96.6	96.3	94.9
2002	13466	96.1	101.9	96.5	96.3	95.0
2003	13546	96.5	102.3	96.2	96.8	95.3
2004	13467	96.7	101.7	97.2	97.3	95.7
2005	12547	97.4	101.7	97.7	97.6	96.4
2006	12931	97.3	101.3	98.2	97.2	96.6
2007	12056	97.6	100.9	98.5	97.0	96.8
2008	12459	97.7	100.6	99.0	97.1	97.0
2009	12494	97.8	100.6	99.1	97.5	97.3
2010	12937	97.9	100.5	99.3	97.9	97.5
2011	12986	97.8	100.4	99.5	98.3	97.4
2012	13434	98.1	100.2	99.6	98.6	97.8
2013	13789	98.4	100.3	99.7	98.7	98.2
2014	14162	99.2	100.2	100.0	99.2	98.9
2015	14352	99.7	100.1	100.2	99.6	99.4
2016	13760	100.4	100.0	100.6	100.2	100.2
2017	9449	100.8	99.8	101.1	100.4	100.6
2018	440	100.8	99.3	101.4	100.8	100.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	98	89.6	86.4	99.9	90.8	85.0	88.7	86.3
1981	177	89.9	86.8	100.3	91.3	85.6	89.3	87.3
1982	245	91.1	88.8	100.3	92.4	86.7	91.0	88.8
1983	323	91.6	88.4	100.2	92.7	86.9	90.7	88.7
1984	422	91.9	88.6	100.2	92.9	87.1	90.9	89.1
1985	657	91.8	89.0	100.0	93.1	87.4	91.3	89.6
1986	1017	92.2	89.5	99.7	93.3	88.0	92.0	90.4
1987	1373	91.9	89.3	100.1	92.9	88.4	92.1	90.2
1988	2179	92.1	89.6	99.9	92.9	89.0	92.7	90.8
1989	3492	92.3	89.9	99.8	93.1	89.3	92.9	91.1
1990	4365	92.5	90.3	99.8	93.2	89.8	93.4	91.7
1991	5536	92.6	90.8	100.0	93.4	90.2	94.0	92.3
1992	6747	93.0	91.3	100.2	93.6	90.8	94.3	92.7
1993	7356	92.8	91.5	100.3	93.6	91.3	94.7	93.1
1994	8718	92.9	92.0	100.4	93.7	91.8	95.2	93.9
1995	9863	93.3	92.4	100.6	93.9	92.3	95.4	94.3
1996	10808	93.6	92.6	100.6	93.9	92.4	95.5	94.4
1997	11409	94.1	93.0	100.5	94.3	92.9	95.9	94.8
1998	12491	94.2	93.3	100.5	94.2	93.2	96.2	95.3
1999	12447	94.5	94.0	100.3	94.4	93.7	96.5	95.8
2000	12805	94.6	94.9	100.2	94.5	93.8	97.3	96.8
2001	13177	94.9	95.2	100.6	95.0	94.4	97.8	97.3
2002	13466	95.0	95.8	100.7	95.3	94.7	98.1	97.4
2003	13546	95.5	96.0	100.5	95.5	95.2	98.1	97.6
2004	13467	95.9	96.1	100.9	95.7	95.8	98.3	97.9
2005	12547	96.4	96.6	100.7	96.0	96.4	98.7	98.4
2006	12931	96.7	97.1	100.8	96.4	96.5	98.9	98.8
2007	12056	97.0	97.6	100.7	96.7	97.0	99.1	99.0
2008	12459	97.4	98.0	100.5	97.2	97.5	99.5	99.3
2009	12494	97.7	97.8	100.4	97.5	97.7	99.6	99.1
2010	12937	98.1	98.4	100.0	98.0	97.9	99.7	99.4
2011	12986	98.6	99.0	99.7	98.6	98.1	99.7	99.5
2012	13434	99.4	99.4	99.6	99.5	98.8	99.9	99.6
2013	13789	99.7	99.5	99.9	99.9	99.3	100.0	99.8
2014	14162	100.0	99.9	100.0	100.3	100.1	100.4	100.1
2015	14352	100.6	100.5	100.1	100.9	100.8	100.9	100.6
2016	13760	101.4	101.0	100.0	101.4	101.4	100.9	100.6
2017	9449	102.0	101.0	100.2	102.1	101.7	100.9	100.4
2018	440	102.5	101.4	100.2	102.7	102.3	101.3	101.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	98	90.5	88.4	85.0	87.5	0.0	80.8
1981	177	91.4	89.5	85.6	88.7	0.0	82.3
1982	245	91.2	89.5	87.5	89.4	0.0	83.5
1983	323	91.1	90.0	87.8	89.2	0.0	83.6

1984	422	91.2	90.6	88.1	89.5	0.0	84.1
1985	657	91.4	90.8	88.4	89.9	0.0	84.6
1986	1017	91.5	91.2	89.0	90.5	0.0	85.3
1987	1373	91.8	91.8	88.9	90.2	0.0	85.3
1988	2179	92.0	92.0	89.4	90.6	0.0	85.8
1989	3492	92.1	92.3	89.7	91.1	0.0	86.3
1990	4365	92.5	92.5	90.1	91.2	0.0	86.7
1991	5536	92.8	92.6	90.5	91.7	0.0	87.3
1992	6747	93.3	93.3	91.0	91.7	0.0	87.8
1993	7356	93.6	93.8	91.2	91.9	0.0	88.2
1994	8718	93.7	94.0	91.5	92.2	0.0	88.6
1995	9863	93.9	94.3	91.9	92.6	0.0	89.1
1996	10808	94.0	94.4	92.0	92.9	0.0	89.3
1997	11409	94.4	94.7	92.6	93.2	0.0	90.0
1998	12491	94.9	95.1	92.7	93.6	0.0	90.5
1999	12447	95.2	95.6	93.0	93.8	0.0	90.9
2000	12805	96.0	96.0	93.2	93.9	0.0	91.4
2001	13177	96.0	96.0	93.8	94.3	0.0	91.9
2002	13466	96.3	96.1	94.1	94.3	0.0	92.2
2003	13546	97.0	96.7	94.6	94.6	0.0	92.9
2004	13467	97.0	96.8	95.0	95.1	0.0	93.4
2005	12547	97.6	97.4	95.5	95.9	0.0	94.3
2006	12931	98.1	97.7	95.8	96.2	0.0	94.8
2007	12056	98.7	98.1	96.3	96.4	0.0	95.4
2008	12459	99.0	98.4	96.9	96.6	0.0	96.0
2009	12494	99.0	98.6	97.2	96.9	0.0	96.4
2010	12937	99.2	98.8	97.6	97.1	0.0	96.8
2011	12986	99.5	99.5	98.2	97.0	0.0	97.2
2012	13434	99.6	99.9	99.1	97.4	0.0	98.0
2013	13789	99.7	100.1	99.5	97.8	0.0	98.5
2014	14162	100.1	100.4	100.2	98.5	0.0	99.4
2015	14352	100.2	100.8	100.9	99.1	0.0	100.2
2016	13760	100.3	101.2	101.6	99.9	0.0	101.1
2017	9449	100.5	101.5	102.3	100.3	0.0	101.8
2018	440	100.9	101.9	102.9	100.5	0.0	102.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1462	106.2	105.2	105.3	106.1	103.5	100.8	86.4	105.9
1981	1657	107.1	104.2	105.5	105.7	104.1	101.3	86.7	105.9
1982	1744	106.6	103.8	104.7	105.1	103.5	100.5	87.0	105.1
1983	1783	105.6	103.7	104.1	104.5	102.9	100.8	87.0	104.6
1984	1853	105.3	102.9	103.6	103.7	102.7	101.2	87.9	103.9
1985	2239	105.3	102.7	103.5	103.6	102.6	101.3	88.0	103.8
1986	3077	104.4	102.0	102.4	102.6	101.7	100.6	88.9	102.6
1987	3936	104.2	101.8	102.1	102.2	101.4	101.4	89.2	102.3
1988	5248	104.1	100.9	101.5	101.4	101.1	101.8	89.5	101.6
1989	6871	103.7	100.6	101.0	100.9	100.6	101.9	90.2	101.0
1990	8393	103.7	100.3	100.9	100.6	100.6	102.1	91.0	100.8
1991	10357	103.5	100.1	100.6	100.4	100.3	102.0	91.6	100.5
1992	12202	103.1	99.7	100.2	99.9	100.0	102.2	92.1	100.1
1993	13684	103.1	99.3	100.0	99.6	99.9	102.3	92.7	99.8

1994	16370	102.8	98.8	99.4	98.9	99.5	101.7	92.9	99.1
1995	18234	102.6	98.3	99.0	98.4	99.1	101.6	93.6	98.6
1996	19145	102.1	98.3	98.8	98.3	98.9	101.4	94.1	98.4
1997	20405	101.9	98.2	98.7	98.1	98.8	101.0	94.5	98.3
1998	21550	101.4	98.1	98.3	97.7	98.4	100.9	95.4	97.9
1999	21902	101.3	97.6	98.0	97.3	98.1	101.0	95.4	97.5
2000	22741	100.6	97.7	97.5	97.1	97.5	100.3	96.0	97.1
2001	23394	100.6	97.2	97.2	96.6	97.4	100.1	96.4	96.7
2002	24295	100.7	96.9	97.2	96.5	97.4	100.2	97.0	96.6
2003	24663	100.8	96.9	97.4	96.5	97.6	100.3	97.3	96.8
2004	25020	100.4	96.9	97.0	96.3	97.3	99.8	97.2	96.5
2005	24229	100.0	97.0	96.7	96.2	97.0	99.7	97.4	96.3
2006	25031	99.6	97.2	96.6	96.3	96.8	99.1	97.6	96.3
2007	24502	99.4	97.3	96.6	96.4	96.8	98.9	97.9	96.3
2008	27151	99.6	97.4	97.0	96.7	97.2	99.1	98.1	96.7
2009	26639	99.8	97.6	97.4	97.0	97.6	99.5	98.5	97.1
2010	26233	100.0	97.8	97.8	97.3	98.0	99.6	98.6	97.4
2011	26042	100.0	98.4	98.2	98.0	98.4	99.4	98.7	98.0
2012	27351	100.0	99.0	98.8	98.6	98.8	99.6	99.2	98.6
2013	28623	100.2	99.3	99.3	99.1	99.4	99.9	99.7	99.1
2014	30866	100.1	99.8	99.7	99.6	99.8	100.3	100.2	99.7
2015	31985	100.1	99.9	99.8	99.7	100.0	100.5	100.5	99.8
2016	32270	100.2	100.0	100.1	100.0	100.3	100.6	100.9	100.1
2017	28556	100.2	100.0	100.3	100.2	100.5	100.6	101.5	100.3
2018	12314	100.4	100.1	100.7	100.5	101.0	100.7	101.6	100.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	120	99.8	57.0	96.1	102.2	106.0
1981	184	99.5	54.3	95.7	101.5	105.6
1982	225	99.8	65.0	95.8	100.7	104.8
1983	320	99.8	67.3	95.6	100.8	105.1
1984	419	99.2	77.4	95.5	100.6	105.0
1985	655	99.3	75.9	96.0	101.0	105.1
1986	1078	99.0	84.3	95.7	100.5	104.6
1987	1366	99.3	87.1	95.2	99.9	104.0
1988	2187	99.2	92.2	95.0	99.5	103.4
1989	3443	99.3	93.8	94.8	99.3	103.2
1990	4300	99.3	95.0	94.9	99.3	102.7
1991	5408	99.5	95.1	94.6	98.8	101.9
1992	6679	99.6	95.8	94.4	98.5	101.5
1993	7099	99.6	96.0	94.5	98.4	101.3
1994	8604	99.8	96.6	94.4	98.0	100.8
1995	9836	99.5	96.8	94.4	97.7	100.5
1996	10731	100.0	96.9	94.4	97.7	99.8
1997	11388	100.0	97.3	94.7	97.8	99.6
1998	12368	99.9	97.3	94.8	97.7	99.4
1999	12364	99.8	97.5	94.8	97.4	99.1
2000	12770	100.1	98.0	94.9	97.4	99.0
2001	13251	99.9	98.0	95.0	97.4	98.8
2002	13572	100.2	98.1	95.1	97.2	98.4
2003	13612	100.0	98.0	95.2	97.1	98.4

1995	16742	-221.9	-367.6	-375.7	99.2	98.6	91.9	92.6	97.8
72.7									
1996	17609	-209.8	-337.0	-345.4	98.8	98.4	92.0	92.9	97.8
71.0									
1997	18976	-203.8	-319.0	-339.6	98.7	98.3	92.6	93.2	97.7
67.2									
1998	20077	-201.1	-296.8	-340.8	98.5	97.9	92.7	93.6	97.4
62.2									
1999	20326	-200.0	-282.9	-346.3	98.2	97.5	93.0	93.8	97.2
58.9									
2000	21094	-193.6	-260.1	-334.1	98.1	97.1	93.2	93.9	97.1
54.7									
2001	21666	-188.6	-247.8	-320.1	98.0	96.7	93.8	94.3	97.2
53.5									
2002	22317	-183.8	-230.1	-315.1	97.7	96.6	94.1	94.3	97.4
50.6									
2003	22499	-178.0	-220.2	-314.6	97.6	96.8	94.6	94.6	97.4
45.6									
2004	22861	-168.0	-197.5	-297.6	97.4	96.5	95.0	95.1	97.6
42.7									
2005	22041	-161.7	-181.6	-296.6	97.2	96.3	95.5	95.9	97.7
37.4									
2006	22874	-147.1	-160.7	-266.3	97.5	96.3	95.8	96.2	98.0
30.7									
2007	22018	-138.7	-144.8	-247.5	97.4	96.3	96.3	96.4	97.8
25.7									
2008	23550	-128.5	-133.9	-227.6	97.5	96.7	96.9	96.6	98.0
22.7									
2009	22562	-114.3	-117.8	-196.3	97.7	97.1	97.2	96.9	98.1
20.7									
2010	21881	-102.1	-100.5	-177.6	97.8	97.4	97.6	97.1	98.2
17.1									
2011	21826	-83.1	-81.5	-136.4	98.4	98.0	98.2	97.0	98.7
9.3									
2012	22422	-65.9	-67.6	-106.8	98.7	98.6	99.1	97.4	99.1
5.6									
2013	23052	-48.5	-49.4	-75.8	99.0	99.1	99.5	97.8	99.5
3.4									
2014	24313	-24.5	-26.3	-32.0	99.6	99.7	100.2	98.5	100.0
-0.2									
2015	25148	-2.3	3.1	8.7	100.2	99.8	100.9	99.1	100.4
-4.6									
2016	25144	26.6	39.6	69.2	100.6	100.1	101.6	99.9	101.0
-9.3									
2017	21510	48.8	67.1	114.1	101.2	100.3	102.3	100.3	101.5
-15.4									
2018	1543	63.6	84.4	130.3	101.4	100.6	102.9	100.5	102.1
-14.2									

Tabel: 9 Zwartbont Holstein: Klauwgezondheidskenmerken
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
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1980	25	93.3	94.3	97.4	94.6	94.2	98.2	98.4
1981	53	94.7	96.2	98.1	95.0	96.2	98.3	98.2
1982	64	94.1	95.5	97.7	94.9	95.4	97.9	97.5
1983	60	95.3	95.7	98.4	96.9	95.4	98.6	97.5
1984	58	94.0	94.8	97.8	95.3	94.8	98.4	97.8
1985	82	94.5	94.7	98.3	96.3	94.3	98.8	97.7
1986	188	94.2	94.4	98.5	96.2	93.7	98.8	96.8
1987	159	94.2	94.6	98.4	95.9	93.9	98.7	97.1
1988	254	95.6	95.1	100.0	96.7	94.9	99.5	97.0
1989	361	95.1	94.9	99.2	96.9	94.3	98.9	96.9
1990	586	95.3	95.5	98.7	97.1	94.9	98.3	97.3
1991	890	95.9	95.9	99.2	97.3	95.4	98.8	97.4
1992	1181	95.4	94.9	99.4	97.2	94.8	98.8	97.4
1993	1265	95.9	95.4	99.4	97.5	95.0	99.2	97.9
1994	1852	95.9	95.7	99.6	97.2	95.2	99.3	97.5
1995	3068	95.7	95.9	99.4	96.8	95.2	98.8	97.0
1996	3734	96.4	96.6	99.6	97.5	95.7	99.1	97.4
1997	4544	95.9	96.7	98.9	97.1	95.3	98.5	97.4
1998	8207	95.4	95.8	99.0	97.2	94.5	98.4	96.6
1999	8943	95.6	95.8	99.1	97.3	94.5	98.5	96.6
2000	9064	95.6	96.3	99.1	96.9	94.7	98.5	96.4
2001	8960	95.8	96.7	99.2	97.0	94.7	98.8	96.5
2002	9762	95.5	96.3	99.0	96.9	94.3	98.8	96.5
2003	11007	95.6	96.5	98.8	97.0	94.5	98.7	96.8
2004	11252	95.6	96.4	98.8	97.1	94.9	98.3	96.7
2005	10637	95.6	95.8	99.0	97.2	95.1	98.5	96.8
2006	11324	96.3	96.7	99.0	97.7	95.8	99.0	96.9
2007	10704	96.4	97.0	98.6	97.7	96.1	99.0	97.1
2008	11233	96.4	97.3	98.3	97.7	96.4	98.9	97.5
2009	11423	96.8	97.5	98.7	97.9	96.9	99.1	97.9
2010	11811	97.1	97.8	98.5	98.0	97.5	98.9	98.3
2011	12040	97.7	98.5	98.7	98.5	98.1	98.8	98.9
2012	12451	98.4	98.9	99.0	99.0	98.6	98.9	99.3
2013	12742	98.6	99.0	99.1	99.1	98.7	99.2	99.4
2014	13043	99.1	99.4	99.5	99.5	99.2	99.7	99.7
2015	13149	99.5	99.8	99.6	99.6	99.6	99.8	100.0
2016	12220	100.1	100.1	99.9	100.0	100.2	100.4	100.3
2017	8153	100.6	100.7	100.1	100.2	100.8	100.8	100.6
2018	338	100.7	100.6	100.2	100.2	101.0	100.9	100.5

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	49	95.6	99.7	95.6	99.7	93.7	99.9
1981	78	95.9	99.4	95.9	99.4	94.2	98.8
1982	99	96.2	99.5	96.2	99.5	94.4	98.9
1983	105	96.3	99.6	96.3	99.6	94.4	99.3
1984	100	95.8	99.6	95.8	99.6	94.0	99.3
1985	142	96.0	99.5	96.0	99.5	94.4	99.3
1986	287	96.1	99.6	96.1	99.6	94.6	99.5
1987	268	95.7	99.6	95.7	99.6	94.1	99.3
1988	380	96.7	99.3	96.7	99.3	94.5	99.6
1989	502	96.3	99.6	96.3	99.6	94.6	99.5

1990	597	95.9	99.9	95.9	99.9	94.5	99.6
1991	834	96.9	99.7	96.9	99.7	95.6	99.7
1992	961	96.8	99.3	96.8	99.3	95.5	99.5
1993	944	97.0	99.7	97.0	99.7	95.6	99.8
1994	1097	97.1	99.4	97.1	99.4	95.7	99.5
1995	1402	97.7	98.9	97.7	98.9	96.1	99.0
1996	1670	97.6	98.8	97.6	98.8	96.2	98.8
1997	1966	97.2	99.0	97.2	99.0	95.8	98.9
1998	2135	97.7	98.8	97.7	98.8	96.4	98.7
1999	2120	97.3	98.7	97.3	98.7	96.1	98.7
2000	2541	97.5	98.8	97.5	98.8	96.4	98.8
2001	2763	97.6	98.8	97.6	98.8	96.5	98.8
2002	2899	98.0	98.6	98.0	98.6	97.1	98.8
2003	2990	97.9	98.9	97.9	98.9	97.2	99.0
2004	3691	98.3	98.9	98.3	98.9	97.5	98.9
2005	3742	98.3	99.1	98.3	99.1	97.5	99.1
2006	4194	98.6	99.2	98.6	99.2	98.0	99.2
2007	3874	98.2	99.0	98.2	99.0	97.8	99.0
2008	4297	98.0	99.3	98.0	99.3	98.0	99.0
2009	4370	98.1	99.3	98.1	99.3	98.3	99.2
2010	4066	98.2	99.3	98.2	99.3	98.7	99.0
2011	4053	98.6	99.6	98.6	99.6	99.4	99.1
2012	3979	98.9	99.7	98.9	99.7	99.9	99.3
2013	4070	99.0	100.2	99.0	100.2	100.1	99.8
2014	4552	99.8	100.3	99.8	100.3	100.6	99.9
2015	4144	99.9	100.7	99.9	100.7	100.6	100.0
2016	3647	100.3	100.9	100.3	100.9	101.0	100.4
2017	2716	100.7	101.3	100.7	101.3	101.3	100.6
2018	971	101.0	102.1	101.0	102.1	101.7	101.2
2019	238	101.2	101.8	101.2	101.8	101.8	101.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	200	97.0	102.3	102.8	70.2	71.1	71.0
1981	325	97.0	102.0	102.6	65.5	66.3	66.9
1982	387	96.4	102.7	103.3	67.8	68.8	69.8
1983	577	95.9	103.4	103.9	76.6	78.7	79.8
1984	746	96.0	103.6	103.8	84.1	86.3	87.6
1985	1092	96.2	103.4	103.4	86.5	89.3	90.0
1986	1714	96.4	103.5	103.0	91.3	93.9	94.4
1987	2144	96.5	103.5	102.8	93.1	96.6	97.5
1988	3211	96.7	103.6	102.5	94.1	98.3	99.5
1989	4328	96.9	103.8	102.3	94.7	98.8	99.4
1990	5200	96.9	103.5	102.3	94.9	98.8	99.7
1991	5919	97.1	103.3	102.1	94.7	99.4	100.1
1992	6981	97.0	103.3	102.3	95.2	99.3	100.4
1993	6941	96.6	103.4	102.8	95.0	99.2	100.6
1994	6988	96.3	103.6	103.2	95.1	99.0	100.5
1995	7296	96.2	103.2	103.4	94.9	98.7	99.9
1996	7372	96.9	103.0	102.8	95.1	98.5	99.7
1997	7792	96.5	103.4	103.3	95.1	98.7	99.9
1998	7988	96.3	103.4	103.7	95.5	98.9	99.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	44	98.8	99.9	98.2
1981	74	98.6	99.7	98.6
1982	92	99.3	100.3	98.8
1983	92	99.3	100.1	99.1
1984	84	98.6	99.7	98.1
1985	117	98.6	99.9	98.3
1986	242	98.2	99.6	98.1
1987	204	98.4	99.7	98.2
1988	271	99.1	100.2	99.2
1989	344	98.7	99.9	98.5
1990	436	99.1	100.1	98.6
1991	592	99.4	100.3	98.9
1992	672	99.4	100.3	99.3
1993	602	99.3	100.5	98.9
1994	741	99.8	100.6	99.3
1995	947	99.8	100.6	99.3
1996	1175	99.8	100.6	99.3
1997	1374	99.6	100.2	99.3
1998	1480	99.9	100.4	99.8
1999	1464	99.9	100.5	99.7
2000	1810	99.7	100.2	99.8
2001	1981	100.0	100.4	99.8
2002	1966	99.9	100.3	99.8
2003	1976	100.0	100.3	99.8
2004	2564	100.3	100.5	100.3
2005	2639	100.3	100.6	100.0
2006	2912	100.0	100.3	99.7
2007	2608	99.8	100.0	99.9
2008	2933	99.7	99.9	99.8
2009	2903	100.0	100.2	99.8
2010	2465	99.8	100.0	99.7
2011	2370	100.0	100.3	99.8
2012	2017	99.9	100.0	99.8
2013	1875	100.2	100.3	100.0
2014	1967	100.3	100.1	99.9
2015	1797	100.2	100.1	100.1
2016	1859	100.7	100.2	100.3
2017	1849	100.7	100.2	100.0
2018	979	100.5	99.7	100.6
2019	298	100.1	99.2	100.5

Tabel: 14 Zwartbont Holstein: Levensproductiekenmerken
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21665	-2868.5	-11023.0	-492.1	-410.7
2002	22304	-2787.5	-10636.3	-480.3	-398.3
2003	22483	-2746.6	-10441.1	-472.0	-393.4

2004	22870	-2590.8	-9838.0	-448.2	-369.6
2005	22080	-2537.3	-9597.3	-440.9	-361.1
2006	22916	-2305.4	-8602.6	-405.4	-326.0
2007	22131	-2151.8	-7952.1	-382.3	-302.5
2008	23716	-1999.5	-7316.3	-357.8	-280.0
2009	22947	-1760.5	-6354.6	-316.0	-246.3
2010	22565	-1592.5	-5725.8	-286.4	-222.6
2011	22577	-1280.7	-4462.9	-232.9	-178.1
2012	23434	-1046.2	-3576.0	-193.2	-144.3
2013	24135	-786.1	-2546.4	-146.7	-108.0
2014	25537	-421.3	-1035.5	-82.6	-57.0
2015	26342	-50.1	452.6	-15.6	-5.8
2016	26227	485.7	2542.5	77.9	70.0
2017	21397	881.7	4057.5	148.7	125.3
2018	1254	1035.2	4784.9	175.5	146.5

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

Jaar	Aantal	Eff	Int	Gewen
1980	39	100.8	91.4	102.0
1981	59	101.7	91.1	101.9
1982	77	101.5	92.1	101.9
1983	83	100.3	92.0	102.5
1984	76	100.2	91.4	102.5
1985	98	100.2	92.3	102.4
1986	208	100.5	92.6	102.3
1987	176	101.0	92.1	102.0
1988	243	100.5	91.6	101.8
1989	306	100.3	92.4	102.3
1990	437	100.8	92.6	102.7
1991	561	100.9	92.5	101.8
1992	694	101.4	92.3	101.5
1993	607	100.8	92.6	101.8
1994	766	100.9	92.5	101.6
1995	1012	100.8	92.8	101.0
1996	1136	101.1	93.4	101.4
1997	1332	101.2	93.3	101.7
1998	1462	101.2	93.5	101.7
1999	1439	101.1	93.8	101.7
2000	1719	101.5	94.6	101.2
2001	1888	101.4	95.0	100.9
2002	1946	101.4	94.8	101.1
2003	2145	101.6	94.7	100.9
2004	2513	101.5	95.4	100.6
2005	2606	101.4	95.8	100.9
2006	3027	101.5	96.5	100.7
2007	2895	101.6	96.8	100.7
2008	3430	101.5	97.0	100.5
2009	3838	101.4	97.4	100.4
2010	4208	101.4	97.9	100.1
2011	4425	101.3	98.7	99.8
2012	4733	101.1	98.9	99.9
2013	4984	101.1	99.3	99.9

2014	5469	100.6	99.8	100.0
2015	6015	100.2	99.8	99.8
2016	6039	99.8	99.3	100.0
2017	5607	99.1	98.1	100.1
2018	617	98.9	96.3	99.9

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	424	98.7	96.6	21	-3.9	74.6	0	0.0
1981	593	97.7	96.3	32	-3.4	48.2	0	0.0
1982	696	97.9	97.5	46	-3.9	86.4	0	0.0
1983	936	97.6	97.6	37	-3.4	61.3	0	0.0
1984	1080	97.5	97.8	27	-3.4	56.5	0	0.0
1985	1479	97.8	98.0	1491	-5.8	114.9	0	0.0
1986	2405	97.3	98.2	2356	-5.5	108.7	0	0.0
1987	3522	97.0	97.8	3513	-5.4	103.7	0	0.0
1988	4971	97.2	97.7	4932	-5.1	99.0	0	0.0
1989	6438	97.3	97.9	6418	-4.8	94.0	0	0.0
1990	7918	97.6	98.1	7861	-4.6	91.3	0	0.0
1991	9772	97.6	97.9	9702	-4.4	88.2	0	0.0
1992	11530	97.6	98.1	11451	-4.1	82.5	0	0.0
1993	12794	97.7	98.1	12747	-4.0	79.1	0	0.0
1994	14899	97.9	98.1	14833	-3.8	77.5	0	0.0
1995	16742	97.8	97.9	16665	-3.5	72.7	0	0.0
1996	17609	98.5	98.0	17517	-3.3	71.0	0	0.0
1997	18976	98.5	97.9	18834	-3.1	67.2	0	0.0
1998	20077	98.7	97.8	19943	-2.9	62.2	0	0.0
1999	20326	98.6	97.6	20205	-2.7	58.9	0	0.0
2000	21094	99.1	97.5	20924	-2.5	54.7	0	0.0
2001	21666	99.4	97.6	21489	-2.4	53.5	13176	94.9
2002	22317	99.5	97.5	22169	-2.3	50.6	13464	95.0
2003	22499	99.4	97.4	22360	-2.1	45.6	13541	95.5
2004	22861	99.6	97.6	22721	-2.0	42.7	13460	95.7
2005	22041	99.7	97.6	21883	-1.8	37.4	12545	96.3
2006	22874	99.9	97.8	22730	-1.5	30.7	12927	97.0
2007	22018	100.1	97.8	21949	-1.4	25.7	12046	97.5
2008	23550	100.3	97.9	23552	-1.2	22.7	12453	97.8
2009	22562	100.4	98.2	22745	-1.1	20.7	12492	98.0
2010	21881	100.6	98.3	22334	-0.9	17.1	12926	98.3
2011	21826	101.0	98.7	22359	-0.7	9.3	12982	99.3
2012	22422	101.2	99.2	23236	-0.5	5.6	13425	99.7
2013	23052	101.5	99.2	23998	-0.4	3.4	13776	99.8
2014	24313	101.8	99.4	25620	-0.1	-0.2	14157	100.1
2015	25148	102.3	99.5	26770	0.2	-4.6	14347	100.5
2016	25144	102.9	99.7	27005	0.5	-9.3	13757	100.8
2017	21510	103.4	99.7	24075	0.8	-15.4	9446	101.4
2018	1543	103.6	99.6	10021	1.1	-14.2	440	101.6
2019	0	0.0	0.0	9619	1.2	-13.3	0	0.0
2020	0	0.0	0.0	1192	1.4	-15.5	0	0.0

Tabel: 17 Zwartbont Holstein: Stofwisselingsaandoeningen
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	48	99.2	14	97.9	14	99.3	48	96.6
1981	80	98.9	34	97.5	34	98.9	80	96.9
1982	108	98.8	37	96.7	37	98.5	108	97.0
1983	124	99.3	29	97.4	27	98.3	124	97.5
1984	129	99.4	27	97.6	27	98.6	129	97.5
1985	200	99.6	39	98.6	38	98.6	200	98.0
1986	385	99.5	108	99.8	112	98.5	385	97.2
1987	428	99.7	64	99.0	63	98.6	428	97.7
1988	653	99.8	107	98.2	101	101.0	653	97.9
1989	887	99.7	118	98.6	113	99.4	887	97.7
1990	1168	99.4	173	98.5	172	97.9	1168	97.6
1991	1577	99.6	264	99.1	263	99.0	1577	97.3
1992	2016	99.7	289	99.8	292	97.7	2016	97.0
1993	2140	99.8	162	99.7	159	98.1	2140	97.4
1994	2575	99.7	244	98.8	246	99.1	2575	97.2
1995	3177	99.5	293	97.5	299	98.8	3177	96.8
1996	3606	99.4	347	98.5	352	98.5	3606	96.5
1997	4251	98.9	402	97.1	413	98.0	4251	96.3
1998	4801	98.9	360	98.4	365	98.8	4801	96.3
1999	5198	98.9	253	98.5	260	98.2	5198	96.0
2000	5783	98.8	383	98.1	391	99.0	5783	95.7
2001	6532	98.8	379	98.4	382	98.5	6532	95.8
2002	7366	98.9	282	98.7	303	98.5	7366	95.7
2003	8372	98.7	238	98.4	245	98.5	8372	95.6
2004	9768	99.0	371	99.6	384	100.0	9768	95.8
2005	10437	99.0	351	99.4	361	99.2	10437	95.9
2006	12239	99.1	350	99.6	363	98.7	12239	96.2
2007	13198	99.3	274	99.6	279	99.1	13198	96.5
2008	15872	99.4	276	99.6	289	98.9	15872	96.8
2009	18022	99.5	248	99.5	254	99.2	18022	97.3
2010	20721	99.6	309	100.0	327	99.8	20721	97.5
2011	20988	100.1	242	100.0	261	99.8	20988	98.4
2012	21827	100.3	197	100.4	238	100.0	21827	98.9
2013	22425	100.5	152	100.8	180	100.0	22425	99.4
2014	23419	100.5	127	100.5	150	100.4	23419	99.8
2015	24021	100.4	70	101.6	90	99.9	24021	100.2
2016	23752	100.4	89	100.6	102	100.6	23752	100.8
2017	19671	100.4	62	100.8	70	100.6	19671	101.1
2018	1507	100.3	0	0.0	0	0.0	1507	101.3

Tabel: 18 Zwartbont Holstein: Reproductiestoornissen
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
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1980	25	98.5	98.9	98.3	99.7	97.3	96.6
1981	48	98.4	98.9	98.4	99.5	97.1	97.0
1982	56	98.4	99.3	98.1	99.4	96.9	96.2
1983	56	99.0	99.7	99.0	99.9	97.5	97.3
1984	53	98.3	98.8	98.6	99.4	97.3	96.9
1985	61	98.9	99.3	98.7	99.9	97.8	97.3
1986	162	99.3	99.9	99.0	99.6	98.6	98.5
1987	112	98.9	99.5	98.7	99.4	98.1	97.9
1988	159	97.7	97.5	98.1	99.3	96.8	96.4
1989	192	98.2	98.7	98.3	99.3	97.1	96.8
1990	263	98.7	99.8	98.4	99.5	97.5	97.1
1991	346	99.2	99.7	98.6	100.3	97.5	98.0
1992	415	98.7	98.9	98.4	99.6	98.2	97.6
1993	272	98.9	99.2	98.6	99.8	98.1	97.9
1994	386	98.4	98.6	97.8	100.1	97.3	96.5
1995	455	98.4	98.9	98.0	99.9	96.7	96.5
1996	511	98.5	99.3	97.9	99.8	97.3	96.6
1997	599	98.9	99.9	98.2	99.9	97.3	97.3
1998	560	99.6	100.3	98.9	100.8	97.8	97.9
1999	491	99.2	99.9	98.6	100.3	97.7	97.6
2000	630	98.4	98.6	97.8	99.7	97.8	97.2
2001	633	98.8	99.4	98.3	100.0	97.3	97.3
2002	561	98.7	99.2	98.1	100.0	97.5	97.2
2003	543	98.6	99.4	98.1	99.8	97.2	97.2
2004	696	99.6	99.9	99.4	100.3	98.6	98.6
2005	672	100.0	100.6	99.5	100.6	98.9	99.0
2006	723	100.4	100.9	99.6	100.9	99.1	99.4
2007	581	100.3	100.6	100.0	100.8	99.2	99.4
2008	609	100.4	100.5	100.2	100.9	99.1	99.4
2009	642	100.2	100.4	99.9	100.7	99.1	99.4
2010	696	99.8	99.8	99.7	100.1	99.3	99.4
2011	600	100.0	100.0	100.0	100.2	99.4	99.7
2012	564	99.9	99.9	100.0	100.0	99.8	99.9
2013	442	100.0	99.9	100.0	100.1	99.9	99.9
2014	404	100.0	99.9	99.9	99.9	100.2	100.0
2015	258	99.9	99.9	100.1	99.9	100.1	100.2
2016	236	100.0	99.8	100.4	99.8	100.3	100.3
2017	171	99.9	99.8	99.9	99.7	100.3	100.4

Tabel: 19 Red-Holstein: Melkproductiekenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	10	-2599.6	-98.1	-96.9	-117.5	33.6	-5.6	1.8	-638.6
1984	20	-2123.2	-82.8	-84.0	-99.9	20.6	-11.8	-4.2	-548.4
1985	35	-2333.3	-93.2	-89.9	-105.6	20.0	-9.6	1.1	-595.9
1986	42	-2144.1	-84.3	-84.8	-98.4	20.6	-11.9	-0.8	-554.3
1987	101	-2209.0	-84.5	-84.9	-100.6	24.8	-8.7	0.1	-555.8
1988	210	-2196.0	-82.3	-85.0	-99.8	28.0	-9.2	0.5	-551.3
1989	383	-2148.4	-82.1	-82.5	-97.2	24.6	-7.9	1.1	-539.8
1990	534	-2125.1	-82.1	-81.9	-96.5	23.5	-7.9	0.6	-537.0
1991	765	-1953.6	-77.2	-76.9	-88.2	18.1	-9.9	1.3	-503.8
1992	1164	-1891.7	-76.3	-75.0	-85.2	14.9	-10.3	1.5	-493.1

1993	1616	-1830.4	-75.6	-73.6	-82.4	11.4	-11.7	1.5	-485.3
1994	2110	-1707.2	-65.7	-67.4	-76.8	17.7	-8.7	1.5	-437.4
1995	2844	-1655.8	-63.4	-65.1	-74.5	17.6	-8.0	1.4	-422.6
1996	3282	-1541.2	-58.0	-61.9	-69.2	17.7	-9.2	1.5	-396.4
1997	4007	-1425.9	-56.0	-58.4	-63.9	12.9	-9.9	1.5	-376.2
1998	5061	-1374.9	-52.9	-55.6	-61.6	13.9	-8.4	1.5	-357.5
1999	5166	-1312.7	-50.7	-52.8	-58.7	13.0	-7.5	1.5	-340.5
2000	5845	-1152.0	-46.5	-47.8	-51.4	8.4	-8.5	1.5	-309.2
2001	6282	-1034.1	-44.1	-44.4	-46.1	4.4	-9.5	1.4	-288.7
2002	6348	-898.6	-39.9	-40.1	-40.3	1.8	-10.0	0.9	-260.1
2003	6422	-807.3	-36.7	-36.9	-37.9	0.4	-10.1	-1.4	-239.9
2004	6573	-691.6	-31.6	-32.9	-32.5	0.4	-10.0	-1.3	-211.0
2005	6553	-520.1	-28.9	-27.8	-25.2	-6.0	-11.2	-2.0	-182.5
2006	6565	-409.8	-27.5	-24.3	-18.9	-10.3	-11.5	-0.3	-163.0
2007	6552	-404.3	-24.7	-22.6	-18.9	-7.2	-9.6	-0.6	-150.3
2008	7039	-352.7	-22.4	-19.5	-16.4	-7.1	-8.0	-0.4	-132.0
2009	6858	-347.7	-24.2	-19.5	-15.1	-9.9	-8.2	1.0	-135.2
2010	6769	-286.9	-21.5	-16.3	-12.4	-9.7	-6.9	0.8	-115.5
2011	6305	-180.6	-16.2	-11.9	-7.3	-8.9	-6.2	1.1	-85.0
2012	6000	-134.8	-14.0	-9.7	-4.9	-8.8	-5.4	1.6	-70.9
2013	5944	-84.6	-10.9	-7.1	-2.5	-7.6	-4.4	1.6	-52.8
2014	5822	-32.6	-8.8	-4.8	-0.1	-7.7	-3.8	1.7	-38.3
2015	5571	20.4	-5.3	-2.0	2.9	-6.2	-2.6	2.4	-18.5
2016	5256	124.2	-2.2	1.2	7.9	-8.0	-3.2	2.7	2.5
2017	3916	211.1	0.7	4.5	12.0	-9.0	-3.0	2.9	23.4
2018	186	290.2	5.2	6.8	15.3	-8.2	-3.8	2.5	43.2

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1984	10	89.7	98.5	92.6	90.8	103.7	93.5	96.8
1985	21	89.7	95.7	90.6	90.1	102.3	95.5	96.2
1986	22	90.1	95.8	91.9	91.3	101.7	95.2	96.2
1987	58	90.8	97.0	92.9	92.4	102.1	94.5	96.7
1988	115	90.7	97.4	93.1	92.0	102.6	94.5	97.2
1989	228	90.8	97.2	92.8	92.3	102.3	95.0	97.4
1990	326	90.4	97.2	92.6	92.2	102.3	94.8	96.7
1991	476	91.4	97.5	93.4	93.1	101.7	94.5	97.4
1992	741	92.1	97.3	93.4	93.0	101.8	94.9	98.2
1993	1032	92.8	97.7	94.2	93.7	101.9	94.7	98.7
1994	1297	92.9	98.3	95.4	94.5	102.1	95.0	99.1
1995	1763	92.6	98.6	95.8	95.0	101.7	95.3	99.0
1996	2045	93.3	98.6	97.0	96.1	101.4	94.9	99.5
1997	2502	93.6	98.8	97.3	96.4	101.4	95.6	99.1
1998	3120	94.1	99.6	98.1	97.0	101.5	95.6	99.0
1999	3080	94.6	99.6	98.1	97.1	101.4	95.5	99.2
2000	3615	95.5	99.2	97.6	96.8	101.6	96.3	99.2
2001	3909	95.9	99.7	98.2	97.3	101.4	96.2	99.7
2002	3873	96.6	99.8	98.8	98.2	100.7	96.7	100.1
2003	3859	97.2	99.9	99.2	98.8	100.6	97.2	99.8
2004	3929	97.2	100.0	99.5	99.1	100.2	97.5	100.0
2005	3828	97.4	100.1	99.7	99.3	99.7	98.0	100.7

2006	3801	97.8	100.4	99.9	99.6	100.0	98.3	100.8
2007	3736	98.0	100.2	99.9	99.8	100.0	98.7	100.3
2008	3990	98.4	100.0	99.7	99.5	100.2	98.7	100.3
2009	4027	98.9	100.6	100.1	99.5	100.8	99.0	100.4
2010	4099	99.3	100.4	100.1	99.7	100.4	99.3	100.7
2011	3896	99.3	100.3	100.2	99.8	100.4	99.5	100.6
2012	3747	99.2	100.2	100.0	99.6	100.5	99.6	100.6
2013	3778	99.4	100.3	100.1	100.0	100.4	99.1	100.6
2014	3473	99.9	100.6	100.5	100.6	100.4	98.9	100.6
2015	3308	100.4	100.4	100.8	100.7	100.5	99.3	100.6
2016	3005	101.2	100.6	101.3	101.5	100.4	99.9	100.8
2017	1786	101.4	101.3	100.9	101.2	101.3	99.9	101.1
2018	53	102.2	101.4	102.3	102.8	101.0	99.9	101.9

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1984	10	93.5	98.5	97.0	95.0	89.8
1985	21	92.8	98.9	96.0	95.8	90.1
1986	22	92.8	99.9	95.2	95.4	89.7
1987	58	92.8	100.3	95.5	94.9	89.6
1988	115	93.5	99.8	95.5	95.1	90.5
1989	228	94.0	100.4	95.3	95.3	91.1
1990	326	94.1	100.2	95.5	95.3	91.1
1991	476	93.9	101.0	95.2	95.0	90.8
1992	741	94.2	100.2	96.0	94.9	91.1
1993	1032	94.8	100.2	96.2	95.1	91.7
1994	1297	93.4	100.7	95.3	95.0	90.9
1995	1763	93.8	101.2	95.2	95.1	91.1
1996	2045	95.0	102.0	95.2	95.3	92.2
1997	2502	95.2	102.4	95.0	95.7	92.6
1998	3120	95.6	103.0	94.7	96.1	93.1
1999	3080	95.9	102.6	94.9	96.0	93.4
2000	3615	96.4	102.0	96.4	96.7	94.1
2001	3909	96.6	102.1	96.6	96.7	94.1
2002	3873	96.4	102.0	96.5	96.6	94.2
2003	3859	96.3	101.9	96.7	96.8	94.4
2004	3929	96.4	102.5	96.5	96.9	94.5
2005	3828	96.6	102.7	96.0	97.1	95.0
2006	3801	97.0	102.1	96.6	97.6	95.5
2007	3736	97.1	101.6	97.1	97.8	95.8
2008	3990	96.8	101.0	97.7	97.5	95.8
2009	4027	97.4	100.8	98.3	98.1	96.6
2010	4099	98.1	100.2	98.9	98.3	97.4
2011	3896	99.0	100.2	99.2	98.6	98.5
2012	3747	99.3	100.1	99.5	98.9	99.0
2013	3778	99.6	100.0	99.6	99.1	99.3
2014	3473	99.9	99.8	99.9	99.2	99.5
2015	3308	100.0	99.6	100.0	99.3	99.8
2016	3005	100.2	99.4	100.3	99.5	100.1
2017	1786	100.6	99.1	100.9	100.1	100.4
2018	53	100.8	98.6	101.0	99.9	100.5

Tabel: 22 Red-Holstein: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1984	10	91.9	89.3	100.4	94.4	89.5	93.0	90.7
1985	21	93.5	90.1	100.5	95.2	89.4	92.9	90.4
1986	22	93.6	90.8	100.1	95.0	90.9	93.5	91.1
1987	58	93.5	90.5	100.6	95.3	91.4	92.6	90.5
1988	115	93.1	90.6	101.2	95.1	90.9	92.9	90.7
1989	228	92.8	91.2	101.6	94.7	90.9	92.9	91.0
1990	326	92.4	90.7	101.7	94.4	91.0	92.6	90.5
1991	476	93.0	90.8	101.4	94.8	91.4	92.7	90.7
1992	741	93.7	90.8	100.7	95.5	91.6	92.6	91.0
1993	1032	93.9	91.4	100.6	95.7	92.0	92.9	91.4
1994	1297	93.5	92.2	99.7	94.4	91.0	93.1	92.0
1995	1763	93.3	92.2	100.3	94.1	91.0	93.6	92.0
1996	2045	93.5	92.7	100.6	94.1	92.2	94.3	92.6
1997	2502	93.5	92.8	100.0	94.1	92.5	94.5	92.4
1998	3120	93.3	93.5	99.9	93.8	93.3	95.1	93.1
1999	3080	93.5	94.1	100.1	94.3	94.0	96.0	94.0
2000	3615	94.6	94.6	99.9	95.8	94.2	96.5	94.6
2001	3909	94.9	94.5	100.3	95.8	94.5	96.6	94.7
2002	3873	95.0	94.8	100.3	95.9	95.0	97.0	95.2
2003	3859	95.6	95.4	99.8	96.4	95.4	97.2	95.4
2004	3929	95.3	95.8	100.2	95.9	96.0	97.7	96.2
2005	3828	95.2	96.1	101.0	95.6	96.3	98.1	96.8
2006	3801	95.8	96.6	100.7	96.2	96.7	98.2	97.1
2007	3736	96.3	97.2	100.2	96.8	96.9	98.4	97.5
2008	3990	96.5	97.4	99.9	97.3	97.2	98.7	97.8
2009	4027	96.8	97.6	99.9	97.9	97.4	98.9	97.8
2010	4099	97.3	98.3	99.5	98.3	98.2	99.3	98.5
2011	3896	97.6	98.7	99.3	98.4	98.4	99.5	98.8
2012	3747	98.1	98.6	99.3	98.9	98.8	99.8	99.0
2013	3778	99.0	99.1	99.5	99.5	99.2	100.0	99.3
2014	3473	99.7	99.4	99.7	100.2	99.6	99.9	99.1
2015	3308	100.2	99.9	99.6	100.9	100.2	100.5	99.6
2016	3005	100.8	100.4	99.3	101.7	100.5	100.9	99.8
2017	1786	101.6	100.7	99.5	102.3	100.8	101.0	100.0
2018	53	103.7	102.0	99.9	103.4	102.6	101.2	100.4

Tabel: 23 Red-Holstein: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1984	10	92.0	95.1	90.1	89.4	0.0	86.1
1985	21	91.0	92.5	91.0	89.0	0.0	85.5
1986	22	91.2	93.3	91.9	88.7	0.0	86.1
1987	58	92.0	94.8	91.8	88.9	0.0	86.6
1988	115	92.5	95.1	91.4	89.8	0.0	87.0
1989	228	92.7	95.1	91.2	90.5	0.0	87.4

1990	326	92.1	94.8	90.9	90.5	0.0	87.0
1991	476	92.7	95.5	91.4	90.2	0.0	87.4
1992	741	93.3	95.6	92.0	90.5	0.0	88.1
1993	1032	93.8	96.4	92.4	91.3	0.0	89.0
1994	1297	94.8	97.5	91.4	90.3	0.0	88.4
1995	1763	95.1	97.6	91.3	90.6	0.0	88.6
1996	2045	95.5	98.5	92.0	91.7	0.0	89.8
1997	2502	95.8	98.7	92.2	92.1	0.0	90.2
1998	3120	96.3	99.2	92.4	92.5	0.0	90.8
1999	3080	96.3	99.3	93.0	92.8	0.0	91.3
2000	3615	96.5	99.1	94.2	93.7	0.0	92.4
2001	3909	97.0	99.5	94.3	93.9	0.0	92.8
2002	3873	97.7	99.8	94.7	93.8	0.0	93.2
2003	3859	98.0	100.0	95.3	94.0	0.0	93.7
2004	3929	98.3	100.0	95.2	94.1	0.0	93.8
2005	3828	99.0	99.9	95.1	94.3	0.0	94.1
2006	3801	99.4	100.3	95.7	95.0	0.0	94.9
2007	3736	99.3	100.4	96.2	95.3	0.0	95.4
2008	3990	99.2	100.3	96.6	95.3	0.0	95.5
2009	4027	99.7	100.7	97.1	96.2	0.0	96.5
2010	4099	100.0	100.7	97.7	97.0	0.0	97.3
2011	3896	99.9	100.7	97.9	98.1	0.0	98.0
2012	3747	99.9	100.7	98.4	98.6	0.0	98.5
2013	3778	99.8	100.8	99.2	98.9	0.0	99.0
2014	3473	99.8	101.3	99.9	99.2	0.0	99.6
2015	3308	100.1	101.4	100.6	99.4	0.0	100.2
2016	3005	100.7	101.8	101.3	99.7	0.0	101.0
2017	1786	100.9	102.2	102.0	100.0	0.0	101.6
2018	53	101.8	103.0	103.9	100.2	0.0	103.1

Tabel: 24 Red-Holstein: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	34	104.9	106.6	106.6	107.4	103.5	100.5	86.2	107.3
1981	25	104.8	104.8	105.7	105.9	103.6	101.5	88.5	106.0
1982	15	105.3	103.7	105.5	105.1	103.5	101.1	88.5	105.5
1983	16	104.2	103.9	104.8	104.6	102.6	100.9	87.7	104.9
1984	28	103.0	102.1	102.5	102.4	101.2	100.4	88.3	102.6
1985	42	103.4	102.1	103.2	103.1	101.7	101.1	89.2	103.3
1986	59	104.1	102.3	103.8	103.6	102.4	101.4	90.8	104.0
1987	111	103.6	101.6	102.7	102.5	101.8	101.3	90.1	102.8
1988	217	103.5	101.8	102.8	102.6	101.7	101.8	90.2	102.9
1989	401	103.6	101.5	102.7	102.4	101.7	101.6	90.3	102.7
1990	557	103.2	101.5	102.5	102.2	101.4	101.5	90.4	102.5
1991	795	102.8	101.0	102.0	101.6	100.8	101.4	91.3	101.9
1992	1218	102.8	100.9	102.0	101.6	100.9	101.4	92.2	102.0
1993	1692	103.0	100.5	101.9	101.3	100.8	101.2	93.2	101.7
1994	2323	102.8	100.1	101.6	101.0	100.5	101.2	93.3	101.4
1995	3140	102.2	100.2	101.2	100.7	100.1	100.8	93.3	101.0
1996	3610	101.4	99.5	100.2	99.5	99.0	100.5	93.9	99.8
1997	4371	100.5	99.8	99.8	99.4	98.5	100.3	94.1	99.6
1998	5591	100.1	99.9	99.5	99.3	98.1	100.7	94.7	99.4
1999	5689	100.2	99.9	99.8	99.7	98.5	100.6	95.3	99.7

2000	6398	100.8	99.1	100.0	99.3	99.0	100.7	95.8	99.6
2001	6930	100.4	99.1	99.8	99.2	98.7	100.4	96.5	99.4
2002	7156	99.6	99.4	99.5	99.1	98.2	100.3	97.7	99.2
2003	7201	99.2	99.1	99.2	98.7	97.9	100.2	98.2	98.8
2004	7317	99.2	98.7	98.9	98.3	97.8	100.0	97.6	98.5
2005	7252	98.9	98.6	98.8	98.2	97.7	100.1	97.5	98.4
2006	7227	99.0	98.1	98.5	97.7	97.6	100.0	98.0	98.0
2007	7282	98.8	98.2	98.5	97.7	97.5	99.9	98.5	98.0
2008	8144	99.3	98.1	98.9	98.0	98.0	99.8	99.0	98.3
2009	8171	99.7	98.6	99.6	98.7	98.6	99.7	99.3	99.1
2010	8099	99.8	98.4	99.5	98.6	98.8	99.8	99.2	99.0
2011	7524	99.6	98.2	99.3	98.3	98.6	99.3	99.3	98.7
2012	7426	99.8	98.6	99.8	98.8	99.0	99.5	99.2	99.3
2013	7450	99.7	98.9	100.0	99.2	99.3	99.7	99.6	99.6
2014	7387	99.9	99.4	100.6	99.9	99.9	99.6	99.9	100.3
2015	7083	99.9	99.9	100.9	100.4	100.1	99.5	100.1	100.7
2016	6743	99.6	100.2	100.9	100.7	100.1	99.3	100.9	100.9
2017	5428	99.3	100.6	101.1	101.1	100.1	99.0	101.3	101.2
2018	1925	99.4	100.7	101.4	101.4	100.4	99.3	101.5	101.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1984	12	98.9	98.1	95.9	100.0	103.4
1985	19	100.3	87.8	95.0	99.7	103.5
1986	22	99.5	93.3	95.4	99.6	103.5
1987	59	99.3	96.1	95.4	99.6	103.0
1988	117	99.6	96.1	95.8	99.7	103.2
1989	216	99.4	97.0	95.2	99.1	102.7
1990	319	99.5	97.2	95.1	98.7	102.5
1991	450	100.0	98.0	95.3	98.7	102.3
1992	721	101.2	99.6	95.0	98.5	101.7
1993	989	101.1	99.7	94.8	98.2	101.5
1994	1259	101.6	99.5	94.9	97.9	101.3
1995	1734	101.2	99.4	94.9	97.8	100.9
1996	1994	100.8	99.2	95.0	97.5	100.8
1997	2434	101.0	99.2	94.8	97.1	100.3
1998	3043	100.8	99.1	94.7	96.8	99.5
1999	2997	100.1	98.9	94.7	96.6	99.0
2000	3558	100.1	98.9	95.6	97.8	100.3
2001	3896	100.3	98.6	95.3	97.4	99.7
2002	3874	100.2	98.0	94.7	96.5	98.9
2003	3877	100.4	98.3	94.7	96.4	98.8
2004	3924	100.5	98.2	94.8	96.3	98.3
2005	3817	100.8	98.3	95.1	96.4	98.2
2006	3790	101.1	98.9	95.3	96.6	98.5
2007	3724	101.0	99.0	95.4	96.5	98.4
2008	3964	100.6	99.1	95.8	96.8	98.6
2009	3976	100.0	99.3	96.5	97.5	99.5
2010	4043	99.9	99.4	96.8	97.7	99.4
2011	3839	99.9	99.5	97.4	98.1	99.4
2012	3698	99.8	99.8	98.1	98.6	99.7
2013	3683	100.2	100.3	98.6	98.9	100.0

2003	6422	-187.2	-239.9	-363.8	97.5	98.8	95.3	94.0	98.2
19.7									
2004	6573	-180.5	-211.0	-375.2	97.2	98.5	95.2	94.1	97.8
17.8									
2005	6553	-165.7	-182.5	-347.5	97.1	98.4	95.1	94.3	97.8
15.5									
2006	6565	-152.6	-163.0	-288.9	97.4	98.0	95.7	95.0	98.0
9.6									
2007	6552	-142.7	-150.3	-262.8	97.3	98.0	96.2	95.3	97.7
10.9									
2008	7039	-127.5	-132.0	-225.3	97.5	98.3	96.6	95.3	98.1
9.7									
2009	6858	-113.9	-135.2	-195.4	98.5	99.1	97.1	96.2	98.2
2.8									
2010	6769	-99.8	-115.5	-178.3	98.5	99.0	97.7	97.0	98.3
2.2									
2011	6305	-79.7	-85.0	-144.8	98.7	98.7	97.9	98.1	98.5
1.2									
2012	6000	-60.3	-70.9	-104.8	99.2	99.3	98.4	98.6	98.9
0.7									
2013	5944	-43.5	-52.8	-67.5	99.5	99.6	99.2	98.9	99.2
-0.5									
2014	5822	-28.3	-38.3	-43.1	99.6	100.3	99.9	99.2	99.7
-4.3									
2015	5571	-8.6	-18.5	-16.1	100.1	100.7	100.6	99.4	100.2
-6.0									
2016	5256	11.6	2.5	22.4	100.8	100.9	101.3	99.7	100.5
-11.0									
2017	3916	25.8	23.4	35.6	101.0	101.2	102.0	100.0	101.0
-19.0									
2018	186	42.9	43.2	71.6	101.0	101.5	103.9	100.2	102.1
-22.0									

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1987	11	92.5	92.1	98.8	95.6	90.8	97.0	95.5
1988	13	92.4	91.3	99.5	96.8	89.2	96.5	94.5
1989	19	93.1	92.9	99.1	96.3	92.5	95.7	96.0
1990	28	93.2	92.2	99.2	97.2	91.5	96.3	96.0
1991	65	92.1	92.5	98.0	94.8	92.5	95.6	96.7
1992	92	91.9	92.8	97.5	94.3	93.3	96.0	96.8
1993	151	92.3	93.6	97.3	94.4	93.7	96.2	96.9
1994	294	93.2	94.5	98.6	94.0	94.2	97.2	96.5
1995	377	93.2	94.7	98.6	94.1	94.3	97.4	96.3
1996	653	93.2	93.0	99.1	96.0	92.1	97.6	95.7
1997	1011	93.0	92.9	98.9	96.2	91.7	96.5	95.2
1998	2039	93.0	93.0	99.2	96.2	91.5	95.9	94.8
1999	2178	93.7	93.4	99.6	96.7	91.7	97.0	95.2
2000	2627	93.8	94.9	98.4	96.1	92.9	96.9	95.8
2001	2927	93.4	94.8	98.2	95.4	93.1	96.8	95.9
2002	3082	93.6	94.6	98.5	96.0	92.7	97.1	95.2

2003	3299	94.0	95.0	98.5	96.4	92.9	97.3	95.5
2004	3531	94.3	95.4	98.8	96.5	93.3	97.1	95.5
2005	3469	95.0	96.0	99.3	96.6	93.8	97.4	95.8
2006	3476	95.0	96.3	98.8	96.5	94.4	97.3	96.7
2007	3507	95.5	97.0	98.6	96.9	95.1	97.4	97.3
2008	3753	95.7	97.2	98.4	97.0	95.6	97.4	97.8
2009	3787	96.2	97.6	98.5	97.3	96.3	97.5	98.2
2010	3886	96.6	97.9	98.5	97.8	96.9	97.7	98.2
2011	3670	97.1	98.5	98.4	98.1	97.5	98.0	98.4
2012	3533	97.9	99.0	98.9	98.6	98.4	98.7	98.8
2013	3591	98.2	99.5	98.7	98.6	98.8	99.0	99.0
2014	3307	98.2	99.5	98.6	98.6	99.0	99.4	99.3
2015	3118	99.2	100.0	99.4	99.2	99.5	100.3	99.6
2016	2746	100.1	100.3	100.2	99.9	100.0	101.2	99.4
2017	1564	100.0	100.1	100.3	99.9	100.1	101.3	99.0
2018	38	100.4	100.7	101.0	99.9	100.0	101.4	98.4

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	10	94.9	100.3	94.9	100.3	94.2	99.2
1987	21	95.7	100.2	95.7	100.2	94.1	99.0
1988	22	95.1	100.2	95.1	100.2	93.9	98.0
1989	31	95.3	100.5	95.3	100.5	94.3	98.5
1990	43	95.4	100.3	95.4	100.3	93.9	99.1
1991	54	95.6	100.4	95.6	100.4	95.3	98.6
1992	52	95.3	100.0	95.3	100.0	94.4	98.6
1993	88	95.7	100.2	95.7	100.2	95.0	98.4
1994	118	95.3	100.5	95.3	100.5	95.2	98.6
1995	126	95.5	100.3	95.5	100.3	94.9	98.2
1996	170	95.9	100.2	95.9	100.2	94.9	98.5
1997	214	96.2	100.3	96.2	100.3	95.5	98.5
1998	279	96.2	100.5	96.2	100.5	95.2	98.6
1999	280	96.6	100.9	96.6	100.9	95.5	99.1
2000	390	97.0	100.0	97.0	100.0	95.8	99.6
2001	471	96.7	100.1	96.7	100.1	95.6	99.8
2002	503	96.9	99.8	96.9	99.8	95.6	99.5
2003	606	97.0	99.7	97.0	99.7	95.7	99.6
2004	672	97.0	99.3	97.0	99.3	96.0	99.3
2005	713	97.2	99.2	97.2	99.2	96.5	99.3
2006	792	97.6	99.2	97.6	99.2	96.8	99.3
2007	744	97.6	99.0	97.6	99.0	96.9	99.0
2008	911	98.1	98.9	98.1	98.9	97.6	98.9
2009	910	98.0	99.0	98.0	99.0	97.7	99.1
2010	866	98.3	99.1	98.3	99.1	98.4	99.4
2011	877	98.7	99.1	98.7	99.1	99.0	99.3
2012	790	99.3	99.3	99.3	99.3	99.6	99.7
2013	831	99.7	99.3	99.7	99.3	100.0	99.8
2014	722	99.5	99.8	99.5	99.8	100.3	99.7
2015	748	99.5	100.3	99.5	100.3	100.6	100.1
2016	454	99.5	100.6	99.5	100.6	100.9	100.2
2017	330	99.7	100.9	99.7	100.9	101.5	100.2
2018	100	100.0	101.5	100.0	101.5	101.4	100.6

2019	13	99.3	101.8	99.3	101.8	101.2	101.1
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Tabel: 29 Red-Holstein: Geboortekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	18	94.4	105.3	104.8	97.4	100.6	102.4
1985	21	98.6	102.7	99.8	99.0	100.3	100.0
1986	30	97.7	102.6	100.8	94.3	96.8	96.9
1987	61	96.3	104.4	102.7	97.9	100.7	102.0
1988	126	96.3	104.0	102.9	95.4	97.8	99.5
1989	218	96.4	104.3	102.7	96.9	99.8	101.6
1990	319	96.4	104.5	102.6	96.8	100.9	102.4
1991	394	95.9	104.2	103.1	96.6	100.5	101.4
1992	549	95.8	103.8	103.2	96.9	99.8	99.2
1993	705	95.6	103.8	103.4	98.9	100.9	99.5
1994	771	95.2	103.6	103.7	98.7	100.3	99.6
1995	992	96.1	103.8	102.7	99.4	100.4	98.1
1996	1141	95.9	104.5	103.3	98.8	100.4	98.5
1997	1432	96.0	104.8	103.1	98.9	101.0	98.7
1998	1832	95.6	104.5	103.5	98.6	101.3	99.1
1999	1800	96.0	103.5	103.2	99.1	100.7	98.5
2000	2451	96.2	102.8	102.8	99.4	100.0	97.9
2001	2786	95.7	102.8	103.5	99.7	100.0	98.2
2002	2813	95.1	103.3	104.2	99.7	100.4	98.4
2003	3085	94.9	103.1	104.5	99.8	100.6	98.3
2004	3303	94.9	103.0	104.5	99.9	100.7	98.7
2005	3205	95.2	102.7	104.2	100.6	100.8	98.6
2006	3257	95.4	102.5	104.3	100.2	100.7	98.6
2007	3598	96.0	102.3	103.5	99.7	100.9	99.0
2008	3478	96.5	102.1	103.1	100.0	100.8	98.9
2009	4275	96.4	101.8	103.3	100.4	100.7	98.8
2010	4551	96.5	101.5	103.3	100.5	100.5	98.8
2011	4465	96.9	101.5	103.1	100.3	100.6	99.0
2012	4293	97.2	101.1	102.7	100.4	100.5	99.0
2013	4352	97.8	101.0	101.9	100.5	100.7	99.3
2014	4234	97.9	100.5	101.8	100.9	100.5	99.3
2015	4066	98.0	100.3	101.5	101.3	100.3	99.5
2016	3744	98.5	100.1	100.9	101.7	100.4	99.6
2017	3000	99.0	100.1	100.4	101.8	100.6	99.7
2018	2223	99.2	99.8	100.1	102.4	100.9	100.0
2019	2212	99.5	99.3	99.8	103.0	100.8	99.8
2020	273	100.1	98.8	99.2	103.8	101.0	99.7

Tabel: 30 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
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2012	5882	100.4	98.6	100.9	99.9	99.7	100.0	100.7	99.4	99.8
	100.2	99.7								
2013	5598	100.5	98.1	101.4	99.6	99.8	100.0	100.8	99.2	100.1
	100.5	100.0								
2014	4847	100.3	97.7	101.9	99.6	99.6	100.1	101.0	99.0	98.6
	100.7	99.7								
2015	4156	100.1	97.3	102.0	99.6	99.1	100.5	100.7	98.9	99.2
	101.0	99.6								
2016	3373	99.6	96.9	102.1	99.5	98.5	100.6	100.5	98.5	98.7
	101.0	99.4								
2017	1811	99.9	97.5	102.1	100.0	98.9	100.6	100.7	98.4	99.3
	101.0	99.9								
2018	40	100.1	97.2	102.3	100.2	98.7	100.6	101.0	98.2	99.0
	101.2	100.2								

Tabel: 31 Red-Holstein: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	20	99.0	99.2	98.3
1988	18	99.4	99.8	99.1
1989	29	98.8	99.4	98.3
1990	32	98.4	99.2	98.0
1991	45	98.8	99.5	98.8
1992	36	98.4	99.1	98.6
1993	52	98.7	99.6	98.1
1994	68	99.0	99.8	98.4
1995	74	98.8	99.6	97.9
1996	89	99.2	100.0	97.8
1997	109	98.8	99.5	98.1
1998	140	99.2	99.8	99.0
1999	137	99.5	100.1	99.1
2000	208	99.0	99.8	98.9
2001	230	99.5	99.9	99.0
2002	278	99.4	100.0	98.9
2003	334	99.5	100.1	98.9
2004	409	99.9	100.2	99.3
2005	427	100.0	100.1	99.2
2006	448	100.0	100.2	98.9
2007	427	100.1	100.2	99.0
2008	526	100.0	100.2	99.1
2009	484	100.0	99.7	99.7
2010	455	99.8	99.7	99.0
2011	477	100.0	99.8	99.3
2012	358	100.7	100.4	99.7
2013	364	100.7	100.2	100.0
2014	293	100.4	99.9	99.9
2015	309	100.6	100.2	99.4
2016	218	101.1	100.5	100.2
2017	239	101.3	100.7	100.0
2018	119	101.2	100.2	99.7
2019	16	100.2	100.0	99.9

Tabel: 32 Red-Holstein: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6284	-3224.8	-12629.4	-544.8	-465.2
2002	6349	-3297.9	-12880.3	-559.8	-474.5
2003	6415	-3165.5	-12342.8	-538.2	-455.3
2004	6574	-3150.1	-12260.3	-536.0	-453.0
2005	6550	-2914.7	-11139.0	-502.0	-416.7
2006	6563	-2543.1	-9526.9	-443.1	-361.6
2007	6553	-2364.3	-8956.8	-410.0	-336.8
2008	7048	-2094.2	-7930.9	-365.5	-297.1
2009	6970	-1928.3	-7175.4	-340.5	-272.0
2010	6920	-1762.9	-6562.2	-314.0	-247.2
2011	6467	-1465.7	-5419.6	-262.3	-205.0
2012	6286	-1170.3	-4250.9	-212.1	-162.6
2013	6223	-874.8	-3141.5	-160.9	-120.5
2014	6098	-657.3	-2266.6	-123.9	-89.3
2015	5846	-410.4	-1360.5	-81.0	-54.1
2016	5530	-84.2	39.4	-26.6	-7.0
2017	3891	73.6	696.0	-1.9	16.6
2018	171	413.4	2036.0	60.2	63.2

Tabel: 33 Red-Holstein: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1987	14	101.3	89.5	101.9
1988	13	100.9	89.3	102.6
1989	22	101.0	90.3	102.5
1990	24	101.0	90.9	102.0
1991	34	100.3	90.6	102.6
1992	39	101.5	90.5	102.6
1993	60	101.5	90.3	102.9
1994	98	101.7	86.8	103.5
1995	104	101.4	88.4	103.1
1996	135	101.8	88.1	103.1
1997	156	101.4	87.8	102.8
1998	235	101.1	87.6	102.8
1999	200	100.9	88.5	102.7
2000	302	100.4	89.1	102.4
2001	365	101.1	89.2	102.0
2002	384	100.9	89.5	102.0
2003	429	100.8	90.1	102.1
2004	462	101.0	91.1	102.0
2005	500	101.6	91.3	101.8
2006	536	101.6	92.1	101.3
2007	528	101.5	92.5	101.1
2008	689	101.0	92.9	101.2
2009	699	100.4	93.2	101.6

2010	801	100.3	94.2	101.2
2011	805	100.4	95.6	100.7
2012	819	100.4	96.8	100.6
2013	891	100.5	98.1	100.4
2014	897	100.5	99.2	100.5
2015	935	100.5	99.7	100.4
2016	898	100.2	100.5	100.4
2017	723	99.8	100.1	99.6
2018	67	98.5	99.4	99.3

Tabel: 34 Red-Holstein: Overige productie en efficiency kenm.
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1983	10	97.9	97.3	0	0.0	0.0	0	0.0
1984	20	99.2	97.4	1	-2.3	59.0	0	0.0
1985	35	97.3	96.0	34	-5.6	104.9	0	0.0
1986	42	96.8	96.7	41	-5.1	97.7	0	0.0
1987	101	97.1	96.7	100	-5.0	84.7	0	0.0
1988	210	96.3	96.2	206	-4.8	78.6	0	0.0
1989	383	96.8	96.2	384	-4.7	76.1	0	0.0
1990	534	97.0	96.5	532	-4.7	79.5	0	0.0
1991	765	96.6	96.3	765	-4.4	73.4	0	0.0
1992	1164	96.7	96.4	1164	-4.3	69.6	0	0.0
1993	1616	96.1	96.1	1613	-4.1	63.3	0	0.0
1994	2110	95.8	96.4	2106	-3.7	55.9	0	0.0
1995	2844	96.7	96.5	2837	-3.6	54.7	0	0.0
1996	3282	96.8	96.1	3283	-3.3	50.4	0	0.0
1997	4007	96.8	96.1	4003	-3.1	46.1	0	0.0
1998	5061	96.5	96.0	5060	-2.9	39.2	0	0.0
1999	5166	96.9	96.4	5165	-2.7	36.6	0	0.0
2000	5845	97.6	97.0	5842	-2.5	34.2	0	0.0
2001	6282	97.9	97.1	6278	-2.2	27.4	3909	98.6
2002	6348	97.6	96.6	6345	-2.0	22.8	3873	98.8
2003	6422	97.7	96.5	6411	-1.8	19.7	3859	99.0
2004	6573	97.8	96.3	6571	-1.6	17.8	3929	99.0
2005	6553	98.4	96.4	6552	-1.4	15.5	3828	99.1
2006	6565	99.1	96.9	6557	-1.2	9.6	3801	99.6
2007	6552	99.2	97.1	6547	-1.1	10.9	3736	99.5
2008	7039	99.4	97.6	7048	-1.0	9.7	3990	99.5
2009	6858	99.3	97.9	6968	-0.9	2.8	4026	100.4
2010	6769	99.5	97.8	6920	-0.8	2.2	4098	100.3
2011	6305	100.0	98.0	6467	-0.5	1.2	3894	100.2
2012	6000	100.2	98.4	6283	-0.4	0.7	3747	100.2
2013	5944	100.6	98.5	6235	-0.3	-0.5	3778	100.3
2014	5822	101.1	98.5	6136	-0.2	-4.3	3472	100.7
2015	5571	101.6	98.9	5902	-0.0	-6.0	3307	100.9
2016	5256	102.3	99.0	5720	0.2	-11.0	3004	101.3
2017	3916	102.8	99.2	4369	0.5	-19.0	1785	102.1
2018	186	103.4	99.4	1342	1.0	-22.0	53	102.8
2019	0	0.0	0.0	1205	1.2	-18.5	0	0.0
2020	0	0.0	0.0	144	1.2	-17.0	0	0.0

Tabel: 35 Red-Holstein: Stofwisselingsaandoeningen
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	11	100.0	0	0.0	0	0.0	11	97.0
1987	19	99.4	3	97.7	3	95.3	19	96.8
1988	34	99.7	2	96.5	2	101.0	34	96.2
1989	54	99.5	5	96.4	5	96.6	54	96.1
1990	72	99.3	10	96.3	10	96.6	72	96.4
1991	108	99.4	14	97.1	13	98.6	108	95.8
1992	159	99.7	7	97.6	7	95.9	159	96.0
1993	245	99.7	13	97.2	13	97.2	245	95.7
1994	329	99.4	20	98.9	20	96.9	329	95.3
1995	437	99.6	17	100.0	17	97.3	437	95.5
1996	547	99.4	18	98.0	17	97.4	547	95.1
1997	728	98.9	26	96.3	25	97.8	728	94.5
1998	967	98.9	41	97.2	41	100.1	967	94.1
1999	1020	99.2	22	98.6	22	99.1	1020	95.0
2000	1475	100.0	49	100.2	51	99.3	1475	95.9
2001	1735	100.2	48	100.7	49	98.4	1735	96.1
2002	1938	99.9	53	100.4	56	97.9	1938	96.0
2003	2392	100.0	51	101.0	51	99.3	2392	96.3
2004	2660	99.6	75	99.5	78	99.8	2660	95.9
2005	3068	99.0	41	98.7	43	98.4	3068	95.7
2006	3462	99.1	63	99.0	64	98.5	3462	96.0
2007	3930	99.3	44	99.2	46	99.6	3930	96.3
2008	4774	99.7	67	99.2	70	99.6	4774	96.6
2009	5466	100.0	32	98.7	34	98.7	5466	97.5
2010	6448	100.0	43	100.0	44	99.7	6448	97.6
2011	6085	100.0	33	99.6	39	99.4	6085	97.8
2012	5874	99.9	28	98.7	30	99.7	5874	98.0
2013	5803	99.7	16	99.6	20	99.5	5803	98.4
2014	5652	99.9	12	99.9	15	98.7	5652	99.3
2015	5329	100.1	2	100.0	5	100.0	5329	100.0
2016	4968	100.1	1	101.0	1	96.0	4968	100.6
2017	3618	100.1	0	0.0	0	0.0	3618	100.7
2018	191	100.1	0	0.0	0	0.0	191	100.9

Tabel: 36 Red-Holstein: Reproductiestoornissen
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1987	10	100.5	99.5	102.2	99.5	99.3	99.4
1989	15	100.2	99.3	101.9	99.4	99.5	100.2
1990	11	99.5	99.2	101.1	98.8	98.6	98.8
1991	23	101.8	101.5	102.9	100.8	100.1	100.7
1992	14	100.7	100.4	102.2	99.9	99.2	99.3

1993	26	100.3	99.7	101.7	99.5	99.3	99.5
1994	37	101.3	101.0	102.8	100.0	99.4	100.7
1995	33	100.3	99.8	102.1	99.2	99.4	99.9
1996	44	98.8	98.0	100.2	98.5	98.4	97.7
1997	48	99.1	98.4	100.4	98.7	98.7	98.6
1998	72	99.5	99.1	100.9	98.9	98.3	99.1
1999	42	99.7	99.2	100.8	99.2	98.7	99.4
2000	94	100.3	100.1	101.7	99.8	98.0	99.5
2001	94	100.3	100.2	101.5	99.5	98.8	99.6
2002	107	99.4	98.9	100.7	99.0	98.4	99.2
2003	115	100.4	100.4	101.3	99.5	99.0	100.4
2004	151	99.9	99.9	100.7	99.1	98.6	99.7
2005	128	100.6	100.4	101.3	99.9	99.1	99.9
2006	151	101.2	101.2	102.0	100.3	99.0	100.6
2007	136	101.3	101.4	102.1	100.3	99.4	100.8
2008	167	101.2	100.8	102.2	100.2	99.7	100.8
2009	131	100.7	100.8	101.6	99.6	99.5	100.5
2010	137	100.8	100.9	100.9	100.1	99.5	100.3
2011	156	100.9	100.9	101.2	100.0	99.8	100.5
2012	118	100.5	100.4	100.8	99.8	99.6	100.2
2013	94	100.1	99.9	100.4	99.3	99.6	99.7
2014	82	100.3	99.9	100.9	99.5	99.7	100.0
2015	79	100.2	100.0	100.6	99.3	99.9	99.6
2016	50	100.1	99.8	100.4	99.6	99.2	99.3
2017	10	99.3	99.5	99.6	98.8	99.2	99.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	105	-3159.4	-112.5	-105.2	-143.8	38.4	8.7	0.8	-711.0
1981	169	-3168.6	-111.6	-105.7	-144.2	40.8	8.5	0.9	-711.0
1982	236	-3156.7	-110.4	-105.8	-143.6	42.1	7.9	0.9	-708.4
1983	452	-3132.5	-110.4	-105.7	-142.6	40.0	6.3	0.8	-708.1
1984	438	-3039.0	-103.9	-102.9	-138.3	43.7	5.6	0.8	-681.6
1985	584	-3154.0	-105.7	-105.1	-143.5	50.5	9.1	0.9	-695.9
1986	561	-2958.4	-96.3	-98.6	-134.6	50.9	8.2	0.8	-646.9
1987	654	-2837.3	-94.2	-94.9	-129.1	45.0	7.2	0.8	-625.8
1988	654	-2674.7	-89.9	-90.3	-121.7	39.5	5.3	0.8	-595.3
1989	688	-2612.8	-85.8	-88.4	-118.8	41.4	4.9	0.8	-578.5
1990	609	-2442.9	-75.4	-82.1	-111.1	45.3	5.3	0.8	-528.0
1991	625	-2183.7	-64.4	-73.0	-99.3	43.8	5.3	0.6	-464.5
1992	904	-2054.1	-62.7	-69.7	-93.3	37.1	3.3	0.7	-445.4
1993	709	-1916.1	-59.8	-65.6	-87.0	32.1	2.2	0.6	-420.8
1994	476	-1812.5	-53.8	-61.5	-82.3	34.1	2.9	0.7	-389.8
1995	533	-1564.6	-46.4	-54.4	-71.0	28.5	0.7	0.6	-341.8
1996	415	-1436.5	-43.9	-50.5	-65.1	24.0	-0.2	0.6	-318.7
1997	243	-1442.2	-46.9	-52.0	-65.4	20.5	-1.8	0.7	-331.4
1998	191	-1397.4	-45.4	-49.8	-63.4	20.2	-0.9	0.6	-318.7
1999	175	-1392.2	-46.8	-49.9	-63.1	17.6	-1.2	0.6	-322.0
2000	165	-1160.0	-44.6	-44.0	-52.8	6.9	-4.1	0.3	-290.1
2001	153	-1090.0	-40.4	-40.1	-50.2	9.0	-2.1	-0.5	-264.6
2002	141	-1191.7	-40.5	-42.1	-53.7	14.9	0.1	0.9	-273.7

2003	140	-1037.3	-35.8	-37.2	-46.6	11.7	-0.8	1.2	-240.9
2004	110	-832.6	-33.9	-33.1	-38.1	2.7	-4.6	-0.1	-218.5
2005	106	-829.0	-34.1	-32.8	-37.5	2.2	-4.4	0.4	-216.9
2006	103	-805.9	-31.2	-29.1	-34.8	4.5	-0.9	2.4	-195.4
2007	84	-611.0	-26.8	-23.3	-26.5	0.1	-1.9	1.5	-159.7
2008	62	-642.3	-29.0	-26.7	-26.3	-0.7	-4.6	3.6	-178.5
2009	53	-642.8	-31.5	-25.1	-26.6	-3.6	-2.5	3.2	-177.0
2010	34	-456.4	-29.7	-22.2	-17.4	-11.3	-6.9	4.3	-158.6
2011	34	-278.4	-19.7	-16.1	-6.4	-8.7	-7.1	7.6	-109.4
2012	28	-475.0	-22.2	-19.9	-15.3	-1.3	-3.2	7.6	-132.5
2013	24	-528.3	-19.1	-18.5	-19.0	5.0	0.4	6.1	-121.7
2014	23	-312.0	-20.7	-14.9	-12.2	-7.2	-3.9	2.3	-108.1
2015	22	-389.6	-19.5	-16.3	-12.2	-1.9	-2.1	6.9	-111.6
2016	13	-30.6	4.6	0.2	7.2	8.0	2.1	10.6	12.8
2017	11	-155.0	-0.5	-1.9	-4.7	7.7	4.3	2.7	-10.2

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	47	82.4	97.6	85.3	81.0	106.0	94.7	96.6
1981	66	83.6	97.3	86.2	82.7	105.7	95.8	96.5
1982	83	84.5	97.7	86.6	83.4	105.5	96.0	97.3
1983	179	84.1	97.5	86.7	83.3	105.3	95.2	97.0
1984	172	84.8	96.9	86.9	84.2	104.6	95.8	96.6
1985	209	85.0	97.1	86.9	84.0	105.1	95.7	96.4
1986	211	85.4	96.8	87.7	84.8	104.6	96.1	96.8
1987	237	86.5	97.0	88.5	85.6	104.1	95.9	97.0
1988	220	87.5	96.8	90.0	87.2	103.3	95.4	97.2
1989	305	87.3	96.1	89.5	86.9	102.7	95.3	96.8
1990	287	87.9	95.3	89.7	87.5	101.9	96.6	97.2
1991	324	89.0	95.8	90.4	88.8	100.9	97.4	96.8
1992	437	89.8	96.4	91.5	89.8	100.7	97.4	96.6
1993	345	90.3	97.1	91.7	90.1	100.6	97.7	96.4
1994	232	90.2	96.7	91.5	90.1	100.3	97.5	96.4
1995	266	91.3	97.8	92.7	91.5	99.9	97.8	95.9
1996	209	91.5	97.4	92.8	91.7	99.7	98.1	95.7
1997	123	91.4	97.2	93.0	91.6	100.0	98.0	95.7
1998	114	92.1	97.0	93.6	92.3	99.6	97.7	96.4
1999	82	92.7	97.2	94.5	93.3	99.1	97.9	97.2
2000	78	92.7	97.1	94.5	93.1	99.1	97.9	97.7
2001	78	93.4	97.4	94.9	94.4	99.1	98.4	97.9
2002	64	93.2	97.0	94.8	94.3	99.0	98.8	97.6
2003	69	93.4	96.6	94.6	94.3	98.7	98.1	97.6
2004	54	94.4	96.6	95.7	95.1	97.6	98.3	97.2
2005	51	93.8	97.2	95.5	94.9	98.7	99.4	97.0
2006	52	95.2	98.1	96.1	94.5	99.4	99.9	98.7
2007	32	95.8	98.2	96.3	95.3	99.5	100.6	98.4
2008	21	96.4	99.3	96.6	94.8	100.9	99.2	101.0
2009	23	94.7	97.8	95.1	93.8	100.6	98.9	98.7
2010	23	96.7	98.3	97.1	96.5	100.3	99.9	100.0
2011	20	95.0	97.2	96.3	96.5	99.3	99.0	98.8
2012	13	96.8	97.7	98.2	97.0	99.4	97.8	99.5

2013	14	97.6	99.8	97.7	95.9	101.6	99.2	100.6
2014	17	98.8	98.4	98.8	97.9	100.0	99.3	99.7
2015	14	98.2	97.7	97.9	97.4	99.1	100.4	100.5

Tabel: 39 Holstein - Fries Hollands zwartbont: Exterieurkenmerken
beenwerk

Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	47	92.4	96.3	94.8	95.4	88.5
1981	66	93.2	96.6	95.8	95.8	89.3
1982	83	93.2	97.1	96.0	95.9	89.3
1983	179	93.6	97.3	95.4	95.9	89.6
1984	172	93.7	97.6	95.8	96.0	89.9
1985	209	93.9	97.8	96.0	96.3	90.1
1986	211	93.9	98.9	95.5	96.2	90.3
1987	237	94.0	98.3	96.2	95.9	90.3
1988	220	94.4	99.2	96.0	95.4	90.8
1989	305	94.7	99.5	95.9	95.7	91.6
1990	287	94.8	99.8	96.1	96.0	92.0
1991	324	94.5	100.8	95.5	96.8	92.4
1992	437	94.3	101.4	95.2	96.8	92.4
1993	345	93.8	101.6	94.8	97.1	92.1
1994	232	94.2	101.7	94.9	97.3	92.6
1995	266	93.3	102.4	94.4	97.7	92.4
1996	209	93.7	102.4	94.5	97.7	92.7
1997	123	94.2	102.0	95.0	97.5	93.0
1998	114	94.7	101.0	96.0	97.5	93.6
1999	82	95.1	101.7	95.5	97.7	93.9
2000	78	95.1	101.5	95.8	96.9	93.9
2001	78	96.1	101.0	96.2	97.8	95.1
2002	64	95.3	100.7	96.4	97.1	94.5
2003	69	96.7	101.1	96.2	97.5	95.5
2004	54	95.5	101.4	96.7	97.6	94.4
2005	51	96.2	101.5	97.2	97.9	95.0
2006	52	96.1	100.7	98.1	98.2	95.4
2007	32	96.7	100.6	98.1	97.2	95.7
2008	21	97.1	101.4	98.7	97.4	95.9
2009	23	97.2	99.9	98.7	97.2	96.0
2010	23	97.4	101.5	98.1	98.9	97.0
2011	20	96.5	101.6	98.0	97.5	95.8
2012	13	97.0	100.3	98.8	97.5	95.3
2013	14	98.1	100.4	100.2	98.2	96.9
2014	17	97.2	100.0	98.6	97.6	96.4
2015	14	99.0	101.2	99.5	97.2	97.1

Tabel: 40 Holstein - Fries Hollands zwartbont: Exterieurkenmerken uier

Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1980	47	89.1	86.8	99.9	90.3	82.7	88.3	86.4
1981	66	89.4	86.4	99.4	90.9	83.6	89.0	87.3
1982	83	90.2	87.1	99.8	91.6	84.0	89.2	87.6
1983	179	90.0	86.7	100.2	91.5	84.4	89.2	87.3
1984	172	90.3	87.1	100.0	91.6	85.4	89.5	87.7
1985	209	90.5	87.5	99.8	92.0	85.1	89.3	87.8
1986	211	91.0	88.3	99.6	92.1	85.6	90.7	88.9
1987	237	91.0	87.9	100.3	92.1	86.0	90.1	88.1
1988	220	91.5	88.6	99.8	92.2	87.1	91.2	89.1
1989	305	91.5	88.7	99.7	92.0	87.4	91.7	89.3
1990	287	92.1	90.8	99.0	93.1	88.1	93.6	91.5
1991	324	92.6	91.3	100.3	93.6	89.6	94.3	92.2
1992	437	92.7	90.9	100.9	93.4	90.2	94.1	91.8
1993	345	92.6	90.7	101.3	93.4	90.7	93.8	91.7
1994	232	92.5	91.0	101.5	93.3	90.7	93.9	92.0
1995	266	93.0	91.0	102.7	93.4	92.3	94.4	92.6
1996	209	92.8	91.1	102.6	93.4	92.5	94.4	92.5
1997	123	93.1	91.6	102.1	93.6	92.3	94.7	93.0
1998	114	94.1	93.0	100.9	94.6	92.5	95.5	94.4
1999	82	94.3	93.0	101.3	94.1	92.3	95.5	94.8
2000	78	93.7	93.5	100.8	94.0	92.6	95.6	94.8
2001	78	94.0	93.5	101.2	94.0	93.9	96.1	95.4
2002	64	94.1	94.2	101.7	94.1	93.1	95.3	95.1
2003	69	94.6	94.6	101.7	95.0	94.5	96.3	96.0
2004	54	94.5	93.7	101.4	94.3	93.6	95.9	95.2
2005	51	94.8	93.9	100.9	94.2	94.2	96.5	95.9
2006	52	95.8	95.9	100.5	95.3	94.9	96.7	96.9
2007	32	95.6	96.5	101.6	95.2	94.5	97.2	97.6
2008	21	96.0	94.9	101.2	95.9	94.2	97.5	97.1
2009	23	95.3	95.4	100.7	95.9	94.3	97.2	96.7
2010	23	97.3	96.5	100.7	96.8	96.3	97.9	97.8
2011	20	96.0	97.2	99.7	96.1	96.2	98.9	98.8
2012	13	97.6	99.1	98.9	98.5	97.2	99.9	100.0
2013	14	97.5	97.4	100.7	98.8	95.1	97.5	98.2
2014	17	98.7	99.1	100.7	98.6	98.0	98.9	99.7
2015	14	98.6	97.3	100.6	99.7	96.4	97.9	98.4

Tabel: 41 Holstein - Fries Hollands zwartbont: Exterieurkenmerken
bovenbalk

Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	47	89.7	88.2	83.7	87.2	0.0	79.7
1981	66	90.3	89.1	84.5	88.3	0.0	81.1
1982	83	91.2	89.7	85.4	88.5	0.0	82.0
1983	179	90.6	89.4	85.3	88.7	0.0	81.8
1984	172	90.5	89.4	86.0	89.1	0.0	82.4
1985	209	90.4	89.6	86.1	89.5	0.0	82.6
1986	211	91.1	90.0	86.8	89.9	0.0	83.5
1987	237	91.4	90.6	86.9	89.8	0.0	83.7
1988	220	91.7	91.5	87.9	90.5	0.0	84.8
1989	305	91.0	90.5	87.9	91.2	0.0	84.9
1990	287	91.7	90.2	89.3	91.6	0.0	85.9
1991	324	92.3	90.6	90.4	91.8	0.0	86.8

1992	437	92.7	91.7	90.6	91.7	0.0	87.2
1993	345	93.1	92.1	90.6	91.3	0.0	87.2
1994	232	92.9	91.6	90.6	91.8	0.0	87.3
1995	266	93.5	92.8	91.4	91.3	0.0	87.8
1996	209	93.4	92.7	91.5	91.8	0.0	88.1
1997	123	93.4	92.9	91.7	92.2	0.0	88.4
1998	114	93.8	93.3	92.4	92.8	0.0	89.3
1999	82	94.6	94.1	92.3	93.1	0.0	89.7
2000	78	94.9	94.3	92.2	93.2	0.0	89.8
2001	78	95.4	95.4	92.8	94.3	0.0	91.1
2002	64	95.3	94.9	92.5	93.7	0.0	90.5
2003	69	94.8	94.6	93.5	94.9	0.0	91.5
2004	54	95.1	94.7	92.9	93.9	0.0	90.7
2005	51	95.6	95.2	93.3	94.5	0.0	91.5
2006	52	97.2	95.9	94.4	94.9	0.0	92.9
2007	32	97.6	96.5	94.1	95.3	0.0	93.2
2008	21	98.6	97.8	94.5	95.7	0.0	94.1
2009	23	96.4	95.9	94.2	95.7	0.0	93.0
2010	23	98.2	98.2	96.0	96.3	0.0	95.2
2011	20	96.5	96.8	95.3	95.3	0.0	93.5
2012	13	96.7	97.6	97.3	94.8	0.0	94.5
2013	14	98.7	99.0	96.1	96.8	0.0	95.7
2014	17	98.5	99.1	97.8	95.8	0.0	96.2
2015	14	98.7	98.0	97.6	97.1	0.0	96.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	414	106.6	105.2	105.3	106.4	103.9	100.7	84.5	106.1
1981	564	106.2	105.1	105.2	106.1	103.8	100.9	85.6	105.9
1982	693	106.6	104.4	105.0	105.5	103.8	100.7	86.0	105.6
1983	1071	106.5	104.1	104.7	105.2	103.4	100.4	85.3	105.2
1984	834	106.2	103.9	104.6	104.9	103.4	100.9	86.2	105.0
1985	973	106.3	103.8	104.5	105.0	103.3	100.5	85.7	105.0
1986	795	105.3	103.2	103.5	104.2	102.5	100.0	86.7	104.1
1987	755	105.0	103.1	103.3	103.9	102.3	100.8	87.6	103.8
1988	702	105.1	101.9	102.6	102.9	101.9	101.5	88.0	102.9
1989	747	104.6	101.7	102.2	102.4	101.4	101.1	88.4	102.4
1990	671	104.7	101.4	102.3	102.4	101.6	102.0	88.7	102.5
1991	665	103.9	100.8	101.5	101.7	101.0	101.9	89.2	101.7
1992	957	103.5	100.4	101.0	101.2	100.6	101.9	90.2	101.2
1993	768	103.1	100.5	100.8	101.1	100.3	101.9	90.9	101.0
1994	511	103.2	99.9	100.7	100.7	100.4	101.6	90.6	100.7
1995	582	102.7	99.1	99.8	99.6	99.8	101.2	91.2	99.7
1996	457	102.3	98.9	99.5	99.3	99.5	101.2	91.9	99.4
1997	267	102.2	99.3	99.6	99.5	99.5	100.4	92.2	99.5
1998	204	102.1	99.0	99.4	99.2	99.2	100.5	93.2	99.2
1999	199	102.0	98.8	99.3	98.9	99.1	101.0	93.1	99.1
2000	184	101.5	98.8	98.6	98.5	98.4	100.7	94.5	98.5
2001	170	101.4	98.6	99.0	98.6	98.7	99.9	94.9	98.7
2002	150	101.9	98.4	99.1	98.6	98.8	100.4	94.3	98.8
2003	158	101.9	98.2	99.1	98.4	99.1	100.9	94.6	98.7
2004	124	102.0	97.4	98.8	97.8	99.0	101.5	94.8	98.2

2005	112	101.4	97.7	98.4	97.8	98.5	99.8	95.4	98.0
2006	113	100.6	98.4	98.0	98.0	97.9	97.8	94.3	97.8
2007	97	100.9	98.2	98.1	98.0	98.1	98.2	94.5	97.9
2008	78	100.8	98.7	98.5	98.5	98.5	98.5	94.4	98.4
2009	61	101.0	99.3	99.5	99.3	99.4	99.9	95.8	99.4
2010	43	101.5	98.6	99.4	98.9	99.5	99.9	95.3	99.0
2011	43	101.1	98.5	98.8	98.6	99.3	99.1	94.3	98.6
2012	33	100.8	99.2	98.8	98.9	99.0	98.5	94.1	98.8
2013	37	101.4	100.2	100.3	100.4	100.3	99.2	95.0	100.3
2014	35	101.5	99.9	100.5	100.4	100.7	99.8	96.3	100.4
2015	38	100.3	100.1	99.7	99.8	99.7	99.1	97.2	99.8
2016	20	99.0	101.0	99.8	100.4	99.4	98.5	98.8	100.0
2017	18	99.4	101.1	99.8	100.5	99.4	97.5	98.7	100.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	38	99.5	74.9	96.8	103.3	107.9
1981	60	99.3	58.9	95.9	102.3	107.0
1982	77	100.2	55.6	95.8	101.7	106.3
1983	165	99.7	61.9	95.8	102.0	106.5
1984	163	99.7	71.7	95.5	101.2	106.1
1985	197	99.2	66.9	96.1	101.6	106.4
1986	207	99.0	74.3	96.1	101.3	105.9
1987	236	99.4	82.8	95.4	100.2	105.3
1988	221	99.6	90.7	95.0	99.7	104.8
1989	297	98.9	88.9	94.8	99.6	103.8
1990	287	98.8	93.3	95.6	100.4	104.3
1991	316	98.8	92.6	95.3	99.6	103.1
1992	439	98.6	93.6	94.5	98.4	102.4
1993	337	98.5	92.5	94.4	98.1	102.2
1994	226	98.7	93.2	94.4	98.1	101.5
1995	267	98.6	93.5	93.9	97.2	100.5
1996	209	98.7	94.2	94.0	97.0	99.9
1997	120	99.2	93.6	94.3	97.3	99.9
1998	113	99.1	95.7	94.6	97.5	99.8
1999	81	99.2	96.1	94.9	97.6	100.3
2000	76	99.6	96.2	94.7	97.6	99.7
2001	78	99.8	96.6	94.8	97.2	99.5
2002	64	100.5	96.8	93.8	96.0	97.4
2003	70	99.8	96.3	94.3	96.6	98.6
2004	54	100.1	96.6	95.1	97.0	98.9
2005	51	99.9	96.9	94.8	96.5	98.3
2006	51	99.9	98.2	95.5	97.3	99.1
2007	31	100.6	98.5	95.7	96.9	99.2
2008	21	100.6	97.9	96.0	97.4	99.2
2009	23	99.2	99.8	96.1	97.4	99.4
2010	23	100.1	99.0	96.3	98.0	99.7
2011	18	100.8	99.3	96.9	97.7	99.2
2012	12	101.1	97.5	97.9	99.1	100.3
2013	13	100.1	99.8	97.7	99.2	99.8
2014	15	100.9	99.1	99.1	99.5	101.2
2015	13	100.2	99.2	99.9	100.0	101.1

Tabel: 44 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken

Basis: Melkdoel zwart

Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980 98.0	105	-282.4	-711.0	-287.7	106.7	106.1	83.7	87.2	99.8
1981 46.0	169	-298.5	-711.0	-341.7	105.6	105.9	84.5	88.3	98.6
1982 0.0	236	-293.1	-708.4	-313.2	104.8	105.6	85.4	88.5	98.0
1983 76.0	452	-301.6	-708.1	-338.5	105.1	105.2	85.3	88.7	98.8
1984 56.0	438	-294.8	-681.6	-334.6	104.4	105.0	86.0	89.1	98.5
1985 119.8	584	-270.6	-695.9	-344.4	104.9	105.0	86.1	89.5	98.7
1986 115.8	561	-266.3	-646.9	-352.7	104.4	104.1	86.8	89.9	98.4
1987 104.5	654	-273.9	-625.8	-393.9	103.5	103.8	86.9	89.8	98.1
1988 100.6	654	-270.6	-595.3	-401.1	103.0	102.9	87.9	90.5	98.0
1989 106.2	688	-265.6	-578.5	-402.7	102.2	102.4	87.9	91.2	98.2
1990 103.5	609	-236.4	-528.0	-385.1	103.0	102.5	89.3	91.6	98.6
1991 97.2	625	-219.8	-464.5	-378.6	101.8	101.7	90.4	91.8	99.0
1992 90.1	904	-222.4	-445.4	-386.3	100.8	101.2	90.6	91.7	99.0
1993 85.1	709	-215.2	-420.8	-365.3	100.5	101.0	90.6	91.3	99.1
1994 85.3	476	-203.0	-389.8	-335.6	100.1	100.7	90.6	91.8	99.5
1995 75.3	533	-197.5	-341.8	-324.7	99.0	99.7	91.4	91.3	99.4
1996 74.5	415	-189.5	-318.7	-313.1	98.5	99.4	91.5	91.8	99.7
1997 74.4	243	-193.9	-331.4	-339.0	98.6	99.5	91.7	92.2	99.0
1998 69.2	191	-191.1	-318.7	-340.8	98.6	99.2	92.4	92.8	98.1
1999 65.0	175	-186.3	-322.0	-324.9	99.0	99.1	92.3	93.1	98.3
2000 62.5	165	-181.9	-290.1	-320.7	98.6	98.5	92.2	93.2	98.0
2001 59.1	153	-166.5	-264.6	-305.4	98.4	98.7	92.8	94.3	98.3

2002	141	-183.1	-273.7	-363.7	96.4	98.8	92.5	93.7	99.2
59.0									
2003	140	-166.1	-240.9	-351.7	97.4	98.7	93.5	94.9	98.6
65.9									
2004	110	-157.6	-218.5	-319.8	97.9	98.2	92.9	93.9	98.7
63.0									
2005	106	-166.3	-216.9	-330.9	97.2	98.0	93.3	94.5	98.2
65.1									
2006	103	-149.4	-195.4	-304.1	98.1	97.8	94.4	94.9	98.3
48.3									
2007	84	-130.8	-159.7	-254.6	98.0	97.9	94.1	95.3	98.6
42.5									
2008	62	-130.5	-178.5	-254.9	98.3	98.4	94.5	95.7	98.1
29.6									
2009	53	-117.7	-177.0	-231.5	98.3	99.4	94.2	95.7	98.7
44.0									
2010	34	-103.6	-158.6	-143.6	98.8	99.0	96.0	96.3	98.2
34.3									
2011	34	-86.8	-109.4	-135.2	98.4	98.6	95.3	95.3	99.0
34.1									
2012	28	-94.7	-132.5	-163.9	99.7	98.8	97.3	94.8	99.8
44.0									
2013	24	-75.1	-121.7	-99.4	99.5	100.3	96.1	96.8	99.3
31.4									
2014	23	-52.4	-108.1	-57.3	100.5	100.4	97.8	95.8	99.8
27.0									
2015	22	-56.8	-111.6	-74.2	100.7	99.8	97.6	97.1	100.4
37.3									
2016	13	8.8	12.8	4.8	101.2	100.0	100.2	97.5	101.3
18.4									
2017	11	-0.5	-10.2	32.3	101.7	100.2	96.8	98.2	100.2
-4.8									

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	20	99.2	96.5	101.5	100.9	97.7	101.3	97.8
1987	15	96.7	95.2	99.5	98.6	95.9	100.9	98.2
1988	10	95.9	95.4	99.3	97.1	96.1	99.7	98.4
1989	28	98.9	96.5	101.4	100.8	96.6	101.1	97.9
1990	64	99.2	96.7	101.4	101.1	97.0	100.9	98.1
1991	118	99.3	96.4	101.6	101.2	97.1	100.5	98.9
1992	163	99.3	96.3	101.8	101.4	96.7	100.6	99.0
1993	130	99.1	96.2	101.6	101.2	96.6	100.3	99.4
1994	106	99.3	96.4	101.7	101.2	96.8	100.5	99.0
1995	142	99.0	96.2	101.7	101.0	96.4	100.4	99.2
1996	115	99.2	96.6	101.6	100.9	96.7	100.3	99.2
1997	63	98.4	96.5	101.0	100.2	95.9	99.9	98.4
1998	82	97.6	96.5	100.7	99.3	95.5	99.2	97.0
1999	49	97.0	96.0	100.7	99.0	94.6	98.2	97.0
2000	45	97.8	97.8	100.6	98.9	95.5	99.0	96.8
2001	48	98.6	97.6	101.2	99.8	95.6	100.6	96.6

2002	39	97.8	98.1	100.4	98.8	95.7	99.8	96.5
2003	51	97.7	96.9	101.0	99.6	94.7	99.3	95.8
2004	30	97.4	97.7	99.5	99.3	95.5	98.2	97.0
2005	36	97.2	96.8	100.2	99.0	95.5	98.7	96.8
2006	44	98.0	97.8	99.9	99.3	96.4	99.4	97.8
2007	25	97.6	97.5	99.7	99.0	96.3	98.8	97.7
2008	15	98.1	97.5	100.0	99.8	96.6	99.6	96.8
2009	20	97.5	97.7	99.3	98.1	97.2	98.5	99.0
2010	18	97.9	97.8	99.4	99.2	97.0	98.3	98.6
2011	14	98.8	99.9	98.7	99.6	98.6	98.9	100.0
2014	10	99.6	99.4	99.8	100.5	98.8	99.5	100.2

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1982	16	95.9	100.3	95.9	100.3	93.8	100.8
1983	19	97.1	101.3	97.1	101.3	94.8	101.5
1984	19	96.3	100.7	96.3	100.7	94.3	100.7
1985	26	95.9	100.2	95.9	100.2	93.9	100.0
1986	48	96.2	99.7	96.2	99.7	94.4	99.7
1987	42	96.2	100.1	96.2	100.1	94.0	100.3
1988	52	95.6	100.1	95.6	100.1	93.9	100.3
1989	59	96.6	100.1	96.6	100.1	95.1	100.1
1990	67	96.5	99.7	96.5	99.7	94.8	99.8
1991	89	98.1	100.1	98.1	100.1	96.9	100.9
1992	116	98.0	100.3	98.0	100.3	96.7	101.1
1993	74	97.9	100.3	97.9	100.3	96.5	100.8
1994	82	98.7	100.4	98.7	100.4	97.6	101.1
1995	78	98.7	99.3	98.7	99.3	97.2	99.8
1996	75	99.1	99.9	99.1	99.9	97.9	100.9
1997	71	99.2	99.4	99.2	99.4	97.4	100.3
1998	70	98.5	99.1	98.5	99.1	96.6	99.7
1999	47	98.6	99.5	98.6	99.5	97.3	99.2
2000	50	98.6	97.3	98.6	97.3	97.0	97.5
2001	45	99.1	98.9	99.1	98.9	98.2	99.5
2002	36	99.0	99.7	99.0	99.7	97.7	100.0
2003	30	98.5	99.9	98.5	99.9	97.4	100.2
2004	32	99.1	99.0	99.1	99.0	98.0	99.1
2005	32	99.3	98.9	99.3	98.9	98.2	99.3
2006	29	99.0	98.7	99.0	98.7	97.6	98.0
2007	17	99.8	99.8	99.8	99.8	98.9	99.8
2008	16	98.0	98.8	98.0	98.8	97.9	99.4
2009	12	97.9	99.2	97.9	99.2	97.8	100.1

Tabel: 47 Holstein - Fries Hollands zwartbont: Geboortekenmerken
Basis: Melkdoel zwart
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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2014	20	100.8	103.0	98.5	99.6	102.2	98.6	101.5	97.0	104.8
		99.5	100.7							
2015	18	101.1	102.2	98.4	98.9	102.0	98.5	100.9	98.0	109.7
		98.7	101.7							

Tabel: 49 Holstein - Fries Hollands zwartbont: Kalvervitaliteit
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	11	98.3	99.2	98.5
1983	14	98.6	99.6	98.6
1984	17	98.4	99.7	98.1
1985	24	97.9	99.5	97.9
1986	37	97.3	98.8	98.3
1987	39	97.7	99.3	98.4
1988	44	98.0	99.6	98.6
1989	51	97.8	99.6	98.4
1990	53	97.9	99.3	98.5
1991	87	98.8	100.4	98.6
1992	105	98.8	100.5	98.9
1993	67	98.7	100.4	98.8
1994	72	98.6	100.3	98.6
1995	67	99.3	100.6	99.0
1996	73	99.6	100.9	99.1
1997	68	99.9	100.8	99.6
1998	70	99.4	100.4	99.4
1999	50	99.5	100.0	100.0
2000	50	99.6	100.1	99.8
2001	44	99.4	99.9	99.8
2002	35	99.7	100.6	99.7
2003	32	99.8	100.3	99.9
2004	33	99.8	100.5	99.3
2005	32	100.3	101.0	99.9
2006	32	98.8	99.4	99.6
2007	19	99.3	100.1	99.5
2008	21	98.9	99.9	99.2
2009	22	98.5	99.6	99.2

Tabel: 50 Holstein - Fries Hollands zwartbont: Levensproductiekenmerken
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	153	-2833.0	-11374.4	-478.4	-408.0
2002	141	-3158.0	-12854.0	-531.5	-455.0
2003	139	-2990.1	-12112.9	-504.1	-430.5
2004	109	-2750.6	-10855.5	-467.4	-395.2
2005	107	-2822.5	-11114.3	-482.9	-404.0
2006	103	-2614.3	-10468.8	-448.5	-372.8
2007	83	-2227.9	-8781.5	-387.1	-315.8

2008	62	-2287.0	-8847.1	-393.5	-326.6
2009	53	-2134.4	-8239.7	-374.8	-300.9
2010	36	-1582.6	-5637.9	-284.1	-221.5
2011	36	-1374.1	-4875.6	-241.1	-195.0
2012	29	-1627.3	-6230.0	-280.3	-232.2
2013	27	-1225.4	-4944.9	-205.6	-176.9
2014	27	-935.0	-3279.6	-170.0	-130.0
2015	24	-1028.7	-3755.4	-181.8	-145.0
2016	13	-33.8	-436.3	3.8	-8.6
2017	11	42.6	-233.7	12.1	5.0

Tabel: 51 Holstein - Fries Hollands zwartbont: Robot / AMS kenmerken
Basis: Melkdoel zwart
Land: VL

Jaar	Aantal	Eff	Int	Gewen
1985	12	99.8	91.2	102.2
1986	18	99.5	90.6	102.6
1987	19	99.1	91.3	102.4
1988	24	99.2	90.5	102.5
1989	19	98.9	91.3	102.7
1990	25	99.1	89.6	102.9
1991	54	99.5	90.8	99.8
1992	62	99.3	91.5	99.7
1993	28	99.2	92.2	99.7
1994	32	99.4	91.8	100.6
1995	38	99.4	92.0	100.3
1996	21	99.3	93.1	100.2
1997	21	99.7	91.6	100.1
1998	15	98.9	91.7	101.3
1999	15	99.3	92.5	100.7
2000	15	99.1	92.3	101.3
2001	15	100.1	92.3	102.6
2002	11	100.2	92.0	99.6
2003	11	99.7	92.1	100.6
2006	10	101.0	93.9	101.2
2007	14	100.5	93.1	101.1

Tabel: 52 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.
Basis: Melkdoel zwart
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	105	98.7	97.2	1	-5.0	98.0	0	0.0
1981	169	97.4	97.0	1	-3.6	46.0	0	0.0
1982	236	98.0	98.0	0	0.0	0.0	0	0.0
1983	452	97.8	97.4	1	-3.4	76.0	0	0.0
1984	438	98.1	97.6	2	-4.1	56.0	0	0.0
1985	584	97.9	97.3	585	-6.5	119.8	0	0.0
1986	561	98.1	97.7	561	-6.1	115.8	0	0.0
1987	654	97.6	97.2	655	-5.8	104.5	0	0.0

1988	654	97.6	97.0	654	-5.5	100.6	0	0.0
1989	688	97.4	97.9	688	-5.5	106.2	0	0.0
1990	609	97.9	98.0	609	-5.1	103.5	0	0.0
1991	625	98.2	98.7	626	-4.6	97.2	0	0.0
1992	904	97.7	98.6	904	-4.3	90.1	0	0.0
1993	709	97.7	98.9	710	-4.1	85.1	0	0.0
1994	476	98.2	99.4	476	-3.9	85.3	0	0.0
1995	533	98.2	99.7	533	-3.4	75.3	0	0.0
1996	415	98.5	99.8	416	-3.2	74.5	0	0.0
1997	243	98.3	98.8	243	-3.3	74.4	0	0.0
1998	191	98.6	98.4	191	-3.2	69.2	0	0.0
1999	175	98.5	98.0	175	-3.1	65.0	0	0.0
2000	165	99.2	97.8	165	-2.9	62.5	0	0.0
2001	153	99.2	98.1	153	-2.7	59.1	78	94.0
2002	141	98.9	97.7	141	-2.7	59.0	64	93.5
2003	140	98.6	97.6	140	-2.6	65.9	69	93.3
2004	110	99.5	97.4	111	-2.4	63.0	54	93.3
2005	106	98.7	97.6	107	-2.5	65.1	51	93.7
2006	103	99.5	97.7	104	-2.1	48.3	52	95.7
2007	84	99.7	98.2	84	-1.7	42.5	32	96.0
2008	62	98.8	97.8	62	-1.6	29.6	21	98.2
2009	53	99.4	98.2	53	-1.9	44.0	23	95.7
2010	34	100.1	98.1	36	-1.6	34.3	23	97.3
2011	34	101.1	97.5	36	-1.2	34.1	20	95.3
2012	28	102.3	99.1	29	-1.6	44.0	13	96.8
2013	24	101.2	98.2	27	-1.4	31.4	14	99.4
2014	23	100.9	98.1	27	-1.2	27.0	17	98.5
2015	22	100.3	98.6	25	-1.3	37.3	14	97.4
2016	13	102.8	98.5	13	-0.1	18.4	6	99.2
2017	11	103.0	99.5	11	0.0	-4.8	5	102.4

Tabel: 53 Holstein - Fries Hollands zwartbont:
 Stofwisselingsaandoeningen
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	10	99.5	1	96.0	1	96.0	10	99.7
1982	17	99.9	1	99.0	1	99.0	17	99.9
1983	23	100.0	0	0.0	0	0.0	23	98.3
1984	21	99.9	0	0.0	0	0.0	21	97.6
1985	36	100.0	1	99.0	1	99.0	36	99.2
1986	56	99.5	3	101.7	3	97.0	56	99.0
1987	58	100.0	2	102.5	2	97.5	58	99.8
1988	63	100.0	1	99.0	0	0.0	63	99.3
1989	81	99.4	3	98.7	3	101.0	81	98.8
1990	82	99.0	3	98.0	3	97.3	82	99.0
1991	109	99.8	27	101.4	26	99.4	109	97.3
1992	159	100.1	16	102.0	16	99.4	159	98.0
1993	121	100.4	9	101.1	9	98.9	121	97.9
1994	86	100.2	7	100.6	7	100.0	86	97.4
1995	113	100.4	10	98.6	10	98.9	113	97.0
1996	89	100.6	6	97.8	6	99.2	89	97.0

1997	66	99.8	4	97.0	4	98.2	66	96.9
1998	54	99.2	1	97.0	0	0.0	54	97.1
1999	48	99.2	4	101.5	4	99.8	48	97.4
2000	47	98.9	1	97.0	1	96.0	47	96.7
2001	52	99.6	1	102.0	0	0.0	52	97.6
2002	46	99.4	1	100.0	1	99.0	46	96.9
2003	51	99.3	1	101.0	1	98.0	51	95.4
2004	47	99.0	0	0.0	0	0.0	47	96.6
2005	41	99.3	1	98.0	1	100.0	41	96.2
2006	47	99.7	0	0.0	0	0.0	47	97.7
2007	40	99.5	0	0.0	0	0.0	40	97.0
2008	39	99.6	0	0.0	0	0.0	39	96.1
2009	39	100.2	0	0.0	0	0.0	39	97.5
2010	33	100.1	0	0.0	0	0.0	33	97.1
2011	34	100.1	0	0.0	0	0.0	34	98.5
2012	27	100.4	0	0.0	0	0.0	27	99.0
2013	23	99.9	0	0.0	0	0.0	23	99.5
2014	22	100.4	0	0.0	0	0.0	22	99.4
2015	22	100.4	0	0.0	0	0.0	22	100.0
2016	13	100.2	0	0.0	0	0.0	13	101.3

Tabel: 54 Holstein - Fries Hollands zwartbont: Reproductiestoornissen
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1987	12	99.7	99.9	99.1	100.5	98.3	98.5
1988	11	99.0	99.4	98.8	100.1	98.1	97.4
1989	11	99.1	99.4	98.6	100.1	98.7	97.6
1990	10	99.6	99.8	99.5	100.5	98.0	97.1
1991	36	99.2	100.1	97.6	100.3	97.7	98.5
1992	24	98.6	99.2	97.4	99.8	97.6	98.0
1993	15	99.0	99.7	97.8	100.0	97.9	98.3
1994	17	99.3	100.1	97.9	100.4	97.8	98.1
1995	15	98.5	98.9	97.5	100.3	96.8	96.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	61	-1373.7	-47.1	-58.2	-69.5	28.5	-14.6	-12.3	-358.4
1981	107	-1426.6	-52.9	-59.6	-71.9	21.4	-13.6	-12.4	-377.2
1982	128	-1382.0	-48.5	-59.1	-69.8	25.8	-15.8	-12.4	-365.2
1983	166	-1351.0	-46.3	-58.0	-68.4	27.5	-15.7	-12.3	-355.9
1984	144	-1306.6	-46.3	-57.5	-66.4	23.9	-17.3	-12.3	-352.7
1985	223	-1368.1	-43.9	-57.6	-69.2	34.2	-13.7	-12.4	-349.3
1986	162	-1412.0	-43.7	-58.3	-71.2	38.9	-11.6	-12.4	-352.1
1987	149	-1130.0	-36.0	-50.3	-58.3	28.0	-15.6	-12.0	-299.3

1988	142	-1152.2	-36.1	-50.8	-59.3	30.1	-15.1	-12.0	-301.9
1989	121	-1035.4	-29.6	-47.6	-54.0	32.2	-16.7	-11.8	-273.9
1990	68	-993.1	-29.5	-46.2	-52.1	28.4	-16.7	-11.9	-267.1
1991	66	-994.5	-27.4	-45.3	-52.1	31.7	-15.0	-11.8	-258.9
1992	28	-838.4	-21.9	-40.6	-45.0	28.1	-16.4	-11.5	-226.0
1993	39	-715.1	-21.6	-37.3	-39.3	19.5	-18.2	-11.2	-210.0
1994	30	-912.6	-22.2	-42.6	-48.5	34.7	-15.6	-11.8	-235.8
1995	32	-700.7	-22.3	-36.8	-38.7	16.7	-18.4	-11.2	-209.4
1996	22	-515.2	-16.0	-31.0	-30.2	14.7	-19.4	-11.2	-169.5
1997	12	-430.2	-7.1	-28.7	-26.4	21.6	-20.8	-11.0	-140.4

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

Tabel: 56 Holstein - Fries Hollands zwartbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	38	93.1	90.4	94.2	94.7	96.8	87.3	97.1
1981	49	93.7	91.6	94.4	94.6	97.7	87.7	97.6
1982	52	94.2	90.8	94.7	95.5	96.6	87.3	97.4
1983	74	94.1	90.9	94.7	95.6	96.4	87.2	97.3
1984	58	94.7	90.6	95.7	97.1	95.4	86.8	97.4
1985	68	94.1	91.2	95.1	96.3	96.5	86.6	96.8
1986	44	94.6	91.3	95.7	96.4	96.5	87.2	97.6
1987	48	95.6	90.7	95.4	96.4	96.1	88.0	97.5
1988	39	95.4	91.8	96.1	96.4	96.5	87.1	98.9
1989	42	95.7	90.9	96.4	97.2	95.3	86.7	98.0
1990	23	96.0	89.7	96.7	98.0	94.5	87.0	97.0
1991	15	94.2	90.8	95.9	96.5	96.1	85.4	97.5
1992	10	95.6	92.1	96.6	97.5	95.6	87.3	98.9
1993	17	96.0	89.8	96.3	97.6	94.8	87.6	98.8
1995	11	95.9	91.2	96.4	97.3	96.7	86.4	97.4

Tabel: 57 Holstein - Fries Hollands zwartbont: Exterieurkenmerken
beenwerk

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	38	93.5	97.3	94.4	89.8	91.1
1981	49	94.4	96.2	94.8	89.7	91.9
1982	52	94.8	96.6	93.9	89.7	92.5
1983	74	94.4	97.3	94.2	90.0	92.0
1984	58	94.0	98.4	94.1	90.0	91.8
1985	68	94.1	98.3	94.0	89.9	91.7
1986	44	93.9	98.0	94.5	89.7	91.3
1987	48	94.2	97.3	95.0	90.2	91.9
1988	39	94.5	97.6	95.2	90.7	92.9
1989	42	94.7	98.0	94.3	90.4	92.8
1990	23	94.8	98.7	94.9	90.8	92.9
1991	15	96.5	97.0	95.1	91.3	94.2
1992	10	94.5	99.4	94.0	91.4	93.1

1993	17	95.2	98.8	95.2	91.3	93.7
1995	11	95.3	98.4	95.0	90.0	93.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	38	98.6	95.6	99.0	99.7	97.5	97.7	94.6
1981	49	98.8	95.3	99.2	100.4	97.0	98.5	94.8
1982	52	98.9	96.2	98.4	100.6	98.3	98.7	95.2
1983	74	99.1	95.8	98.2	100.7	98.1	98.6	95.0
1984	58	99.5	96.9	98.1	100.6	99.3	99.5	96.4
1985	68	99.6	96.8	98.3	101.0	99.1	98.5	95.4
1986	44	99.4	95.8	98.4	100.4	98.7	98.8	95.2
1987	48	99.8	96.8	99.2	101.4	99.2	98.7	95.5
1988	39	100.2	97.8	99.9	101.3	99.0	99.2	95.8
1989	42	100.5	97.8	99.3	101.8	100.0	99.8	96.5
1990	23	100.3	98.6	97.8	101.0	100.5	100.0	97.0
1991	15	100.3	99.6	98.3	101.5	99.1	100.9	98.1
1992	10	101.1	98.3	100.2	101.7	100.6	100.1	97.0
1993	17	100.1	99.8	98.9	101.5	101.6	102.4	99.4
1995	11	100.8	99.5	97.5	102.0	101.7	101.0	98.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	38	86.6	91.6	98.8	89.8	94.5	88.7
1981	49	87.7	92.8	99.1	90.4	95.2	89.6
1982	52	87.2	92.3	99.7	90.8	93.4	90.0
1983	74	87.1	92.3	99.8	90.6	93.8	89.9
1984	58	87.1	92.7	100.3	90.7	92.7	90.3
1985	68	86.6	93.0	100.3	90.5	93.8	90.1
1986	44	87.7	93.3	99.9	90.2	93.8	90.0
1987	48	87.7	92.8	100.6	90.6	94.0	90.6
1988	39	88.6	93.9	100.9	91.6	95.0	91.7
1989	42	87.7	93.0	101.5	91.4	93.2	91.5
1990	23	87.0	92.6	101.5	92.0	92.3	91.6
1991	15	86.6	92.9	100.9	92.7	94.4	91.3
1992	10	88.9	94.1	101.9	91.9	94.7	92.6
1993	17	88.1	92.9	101.9	92.5	93.0	92.4
1995	11	87.2	93.8	102.3	91.8	94.5	92.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	222	101.8	101.7	101.1	101.1	100.6	100.8	93.0	101.2
1981	286	101.3	102.3	101.2	101.4	100.5	101.0	94.3	101.4
1982	346	101.6	101.4	100.9	100.6	100.5	100.9	94.2	100.8
1983	355	101.7	100.9	100.6	100.2	100.2	100.8	94.1	100.4
1984	266	102.3	100.3	100.8	100.0	100.4	101.0	94.5	100.5
1985	362	102.1	100.6	100.9	100.3	100.6	100.9	94.9	100.7
1986	255	101.8	100.1	100.2	99.8	100.0	99.9	94.2	99.9
1987	177	101.3	100.4	100.3	99.9	99.9	100.2	95.3	100.1
1988	158	101.7	99.9	100.1	99.7	100.1	100.5	94.0	100.0
1989	139	101.8	99.7	100.0	99.4	100.1	100.5	94.1	99.7
1990	79	100.9	99.4	99.1	98.6	99.0	99.8	94.4	98.8
1991	69	101.6	99.1	99.3	98.7	99.5	100.2	94.3	98.9
1992	32	101.3	99.0	99.3	98.6	99.2	100.1	95.0	98.8
1993	42	101.0	100.0	99.8	99.5	99.9	101.3	95.9	99.6
1994	36	99.8	100.3	99.4	99.3	99.1	100.1	96.5	99.3
1995	34	100.2	100.0	99.4	99.2	99.2	99.6	96.3	99.2
1996	24	99.9	100.2	99.5	99.2	99.3	99.5	96.9	99.2
1997	17	100.2	99.0	98.7	98.4	98.9	99.1	94.2	98.4

Tabel: 61 Holstein - Fries Hollands zwartbont: Gebruikskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	35	96.9	48.3	95.1	105.0	106.6
1981	46	97.2	56.8	94.8	105.0	106.1
1982	54	97.4	65.1	94.6	104.7	105.7
1983	73	97.4	63.6	95.0	105.1	106.0
1984	53	97.4	77.8	94.6	104.6	105.7
1985	71	96.7	79.9	95.1	104.9	105.9
1986	40	97.2	56.3	94.7	104.1	105.5
1987	48	97.2	78.3	95.9	104.9	106.3
1988	38	97.0	66.8	94.5	103.8	105.0
1989	41	96.5	69.0	94.7	103.7	105.3
1990	20	97.4	84.8	94.6	103.9	104.8
1991	13	98.8	87.0	94.7	103.4	104.6
1993	18	97.8	90.0	94.4	103.1	104.3
1995	10	97.3	94.3	95.3	103.8	104.2

Tabel: 62 Holstein - Fries Hollands zwartbont: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	61	-156.3	-358.4	-150.5	106.7	101.2	98.8	89.8	98.8
BVK		113.0							

1981	107	-149.7	-377.2	-109.1	106.3	101.4	99.1	90.4	98.0
0.0									
1982	128	-161.4	-365.2	-174.8	105.9	100.8	99.7	90.8	98.0
0.0									
1983	166	-169.3	-355.9	-202.3	106.3	100.4	99.8	90.6	98.1
0.0									
1984	144	-171.1	-352.7	-225.1	105.9	100.5	100.3	90.7	97.6
101.0									
1985	223	-165.6	-349.3	-244.7	106.1	100.7	100.3	90.5	97.8
106.8									
1986	162	-164.9	-352.1	-201.5	105.5	99.9	99.9	90.2	97.6
100.6									
1987	149	-145.9	-299.3	-223.1	106.4	100.1	100.6	90.6	98.0
92.8									
1988	142	-139.6	-301.9	-182.2	105.0	100.0	100.9	91.6	98.1
92.8									
1989	121	-125.9	-273.9	-174.9	105.2	99.7	101.5	91.4	98.4
92.1									
1990	68	-131.6	-267.1	-206.1	104.9	98.8	101.5	92.0	98.1
96.2									
1991	66	-126.7	-258.9	-202.5	104.6	98.9	100.9	92.7	98.2
90.8									
1992	28	-121.5	-226.0	-250.8	104.0	98.8	101.9	91.9	98.8
89.1									
1993	39	-121.2	-210.0	-233.8	104.3	99.6	101.9	92.5	99.4
94.4									
1994	30	-137.2	-235.8	-239.9	104.3	99.3	102.1	90.3	98.5
85.6									
1995	32	-123.4	-209.4	-215.9	104.5	99.2	102.3	91.8	98.9
85.5									
1996	22	-112.7	-169.5	-199.1	105.0	99.2	98.8	90.2	99.2
77.1									
1997	12	-95.6	-140.4	-149.7	103.5	98.4	101.2	95.5	99.4
85.2									

Tabel: 63 Holstein - Fries Hollands zwartbont:
Levensvatbaarheidskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	12	101.2	96.9	101.2	96.9	93.2	96.3
1981	13	100.8	97.0	100.8	97.0	93.5	97.1
1982	18	100.6	97.5	100.6	97.5	93.4	97.4
1983	27	100.4	97.1	100.4	97.1	93.2	96.9
1984	27	100.7	96.4	100.7	96.4	93.5	95.6
1985	24	100.4	96.7	100.4	96.7	92.7	96.2
1986	13	101.1	97.2	101.1	97.2	93.8	96.8
1987	22	100.2	96.4	100.2	96.4	92.8	96.5
1988	13	100.8	96.2	100.8	96.2	93.9	97.7
1989	19	100.6	97.2	100.6	97.2	93.8	97.3
1990	12	100.8	96.9	100.8	96.9	94.1	96.9
1991	16	101.1	96.7	101.1	96.7	94.1	96.5
1993	16	103.1	97.8	103.1	97.8	96.3	97.1

1990	15	98.5	92.5	100.2	95.3	98.5	98.2	99.7	98.4	96.8
	97.1	95.7								
1991	19	96.8	93.4	99.3	94.9	98.3	98.7	98.8	96.0	97.6
	96.9	94.8								
1992	11	98.7	93.1	100.3	95.6	98.7	98.5	100.1	98.3	96.9
	98.4	96.9								
1993	20	96.4	92.8	98.7	95.1	97.0	98.2	98.5	96.0	97.0
	96.5	94.4								

Tabel: 66 Holstein - Fries Hollands zwartbont: Kalvervitaliteit
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	12	99.2	98.1	101.1
1981	13	99.6	98.3	100.0
1982	18	99.7	98.4	100.7
1983	25	99.4	98.2	100.2
1984	27	99.3	98.2	100.0
1985	23	98.7	97.8	100.0
1986	12	98.2	97.3	99.8
1987	21	98.9	98.0	99.8
1988	12	98.7	97.6	99.8
1989	18	99.2	97.7	100.9
1990	12	100.1	98.8	100.6
1991	16	99.1	97.9	99.4
1993	16	100.0	98.9	101.4

Tabel: 67 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	61	99.2	99.1	1	-2.4	113.0	0	0.0
1981	107	98.6	98.7	0	0.0	0.0	0	0.0
1982	128	98.6	99.1	0	0.0	0.0	0	0.0
1983	166	98.5	98.9	0	0.0	0.0	0	0.0
1984	144	98.4	98.7	1	-2.9	101.0	0	0.0
1985	223	98.7	97.7	223	-3.9	106.8	0	0.0
1986	162	99.5	98.0	162	-3.8	100.6	0	0.0
1987	149	99.9	98.5	149	-3.3	92.8	0	0.0
1988	142	98.6	98.4	142	-3.3	92.8	0	0.0
1989	121	99.5	98.5	121	-3.1	92.1	0	0.0
1990	68	99.1	98.5	68	-3.2	96.2	0	0.0
1991	66	99.4	99.2	66	-3.0	90.8	0	0.0
1992	28	99.9	99.5	28	-2.8	89.1	0	0.0
1993	39	99.6	97.5	39	-2.8	94.4	0	0.0
1994	30	100.0	97.3	30	-2.8	85.6	0	0.0
1995	32	101.0	97.5	33	-2.6	85.5	0	0.0
1996	22	101.1	97.3	22	-2.2	77.1	0	0.0

1997	12	102.6	99.0	12	-2.1	85.2	0	0.0
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Tabel: 68 Holstein - Fries Hollands zwartbont:
Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1980	12	99.6	0	0.0	0	0.0	12	94.9
1981	11	99.6	0	0.0	0	0.0	11	94.9
1982	18	99.6	0	0.0	0	0.0	18	95.8
1983	34	99.8	0	0.0	0	0.0	34	97.4
1984	23	99.8	0	0.0	0	0.0	23	96.3
1985	19	99.8	0	0.0	0	0.0	19	95.4
1986	12	99.7	0	0.0	0	0.0	12	95.4
1987	21	99.9	0	0.0	0	0.0	21	96.7
1988	12	99.7	0	0.0	0	0.0	12	94.7
1989	18	99.7	0	0.0	0	0.0	18	95.5
1993	12	99.0	1	102.0	1	97.0	12	94.7

Tabel: 69 Fries Hollands - zwartbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1399.2	-51.5	-60.1	-70.7	21.4	-16.6	-12.6	-375.7
1981	16	-1291.2	-47.1	-57.3	-65.6	20.8	-18.6	-12.1	-353.6
1982	14	-1214.5	-44.6	-54.8	-62.2	18.4	-19.0	-12.3	-337.1
1983	20	-1183.6	-40.7	-54.0	-60.8	23.0	-19.9	-11.9	-325.2
1984	17	-1204.8	-44.2	-55.1	-61.6	18.3	-20.4	-11.8	-337.4
1985	21	-1098.1	-41.3	-52.9	-56.8	14.7	-22.9	-11.8	-320.8
1986	15	-948.9	-29.7	-46.3	-50.1	23.7	-20.4	-11.7	-267.5
1987	20	-952.2	-32.9	-44.4	-50.3	17.6	-16.5	-11.9	-266.1
1988	20	-1063.5	-37.3	-50.0	-55.2	18.8	-19.8	-11.6	-299.9
1989	18	-1024.4	-38.4	-47.2	-53.4	13.3	-16.8	-11.6	-290.1
1990	17	-821.9	-29.1	-43.1	-44.4	13.6	-22.9	-11.8	-251.2
1991	20	-934.6	-36.4	-46.0	-49.4	9.5	-20.6	-11.6	-280.0
1992	14	-816.7	-28.1	-42.1	-44.1	14.9	-21.2	-11.4	-245.0
1993	18	-619.4	-23.8	-32.1	-35.1	7.6	-15.2	-11.3	-192.1
1994	12	-512.9	-11.8	-30.8	-30.2	19.5	-19.2	-11.2	-160.5
1995	21	-549.7	-16.5	-34.7	-31.8	14.1	-24.2	-11.1	-186.4
1996	13	-897.9	-40.2	-42.2	-47.9	-0.5	-15.9	-11.8	-272.0
1997	10	-735.5	-31.3	-37.6	-40.3	2.5	-17.5	-11.5	-232.2
2001	16	-572.2	-21.9	-31.1	-30.5	6.9	-16.3	-7.2	-182.8
2003	14	-614.3	-21.9	-32.9	-33.0	10.0	-17.6	-8.1	-190.6

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

Tabel: 70 Fries Hollands - zwartbont: Exterieurkenmerken bouw

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	16	91.4	91.1	92.1	91.4	99.1	86.0	98.7
1981	18	90.6	92.2	92.0	90.9	99.8	86.8	98.9
1982	15	90.9	91.3	91.7	91.1	99.5	87.1	97.5
1983	18	90.9	90.7	92.0	91.9	98.9	86.0	97.4
1984	17	91.2	91.2	92.4	91.5	98.9	86.2	98.8
1985	20	92.3	91.2	93.0	92.5	98.5	85.4	99.6
1986	15	92.5	89.8	91.8	92.1	98.3	85.8	97.1
1987	15	91.1	91.4	92.6	91.9	98.9	84.6	97.5
1988	17	92.2	91.8	93.2	91.9	99.2	85.6	100.0
1989	13	92.7	90.8	93.2	92.9	98.2	84.8	98.5
1990	14	92.8	90.6	92.9	93.0	98.1	86.3	99.2
1991	16	91.9	91.1	93.2	92.7	97.8	85.7	98.9
1993	14	91.4	90.7	93.4	93.5	97.3	84.6	98.4
1995	12	92.2	90.5	93.1	93.2	97.6	85.4	99.6
1996	10	93.9	90.5	93.5	93.7	97.7	86.5	99.4
2001	10	94.3	90.3	94.4	95.0	97.0	86.1	99.4

Tabel: 71 Fries Hollands - zwartbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	16	93.9	96.1	94.2	90.5	90.9
1981	18	93.3	95.3	94.2	89.8	90.2
1982	15	94.4	95.9	93.7	90.5	91.5
1983	18	93.1	97.4	93.8	90.1	90.1
1984	17	94.4	97.3	93.1	90.2	91.3
1985	20	94.5	96.7	94.0	90.4	91.4
1986	15	93.9	95.3	95.9	90.6	90.7
1987	15	93.2	96.9	94.9	90.3	90.1
1988	17	94.6	95.9	94.8	91.1	91.9
1989	13	95.0	96.7	94.2	91.1	92.4
1990	14	95.8	96.6	95.4	91.9	93.1
1991	16	94.8	96.9	94.1	90.8	92.1
1993	14	95.4	97.2	94.6	91.1	92.9
1995	12	95.3	97.8	94.1	91.3	92.8
1996	10	95.2	97.7	94.4	91.3	93.0
2001	10	96.4	97.6	94.2	91.7	93.7

Tabel: 72 Fries Hollands - zwartbont: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	16	98.9	97.3	99.2	100.8	95.9	97.9	94.8
1981	18	97.9	96.1	99.0	99.9	95.9	97.5	94.1
1982	15	98.9	96.8	98.6	100.5	96.1	97.7	94.4

1983	18	98.4	95.8	98.5	100.1	96.6	97.3	94.4
1984	17	99.2	96.2	98.5	100.4	97.2	98.2	95.2
1985	20	99.0	97.4	98.5	100.8	96.5	97.7	95.2
1986	15	100.1	97.5	98.2	102.6	97.7	98.0	95.5
1987	15	99.6	98.5	98.3	101.0	98.3	99.1	96.6
1988	17	99.6	98.1	99.5	101.9	96.7	98.5	96.2
1989	13	99.9	98.6	99.2	101.5	97.5	98.6	96.8
1990	14	100.1	99.6	97.4	101.9	98.2	99.9	97.4
1991	16	99.8	98.0	98.8	100.9	97.8	98.8	96.1
1993	14	98.9	99.4	97.3	100.5	98.0	100.8	98.1
1995	12	99.5	99.1	98.4	100.2	98.2	99.5	97.2
1996	10	99.2	98.2	98.8	100.4	98.7	99.3	96.3
2001	10	100.8	101.6	96.0	102.7	99.1	100.8	98.6

Tabel: 73 Fries Hollands - zwartbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	16	86.2	90.9	98.9	89.4	98.1	88.4
1981	18	87.2	91.6	98.2	88.3	99.3	87.7
1982	15	86.2	90.9	98.7	89.7	98.3	88.3
1983	18	85.6	90.7	98.5	88.7	97.4	87.6
1984	17	86.5	91.2	99.3	90.1	98.0	89.0
1985	20	86.8	92.0	99.0	89.8	97.5	88.9
1986	15	84.8	90.0	100.6	89.1	96.7	88.6
1987	15	85.2	91.1	100.0	88.9	97.4	88.3
1988	17	87.5	92.4	99.6	90.3	98.6	89.7
1989	13	85.8	91.4	100.0	90.9	96.8	89.7
1990	14	86.6	91.7	100.6	91.6	97.2	90.6
1991	16	86.8	91.5	99.9	90.8	97.0	89.9
1993	14	85.8	91.4	99.7	91.6	96.4	90.0
1995	12	86.5	91.5	99.8	91.8	96.3	90.2
1996	10	87.2	91.8	99.9	91.8	96.7	90.5
2001	10	87.2	92.5	101.5	92.6	96.2	92.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	19	104.5	100.2	101.4	101.1	101.6	100.6	89.9	101.4
1981	23	104.5	99.9	101.2	100.9	101.3	100.1	91.1	101.1
1982	20	104.1	99.8	101.2	100.8	101.2	100.2	91.8	101.0
1983	24	103.5	99.8	100.6	100.4	100.8	100.2	91.1	100.6
1984	20	104.1	98.4	100.1	99.5	100.7	99.8	90.8	99.9
1985	21	102.9	100.3	100.5	100.4	100.3	99.6	92.4	100.5
1986	17	103.6	100.1	101.6	101.0	101.5	100.0	93.6	101.4
1987	22	102.5	99.5	99.8	99.5	99.7	98.2	91.5	99.7
1988	21	103.4	99.3	100.4	99.8	100.5	99.2	91.4	100.1
1989	18	103.2	99.2	100.1	99.8	100.5	100.2	91.7	99.9
1990	19	103.1	98.9	99.8	99.5	100.3	99.4	91.6	99.6

1988	20	-191.8	-299.9	-537.5	106.0	100.1	99.6	90.3	98.8
113.9									
1989	18	-199.1	-290.1	-544.3	102.7	99.9	100.0	90.9	99.0
107.8									
1990	17	-169.2	-251.2	-447.5	104.4	99.6	100.6	91.6	100.5
98.2									
1991	20	-174.7	-280.0	-492.1	105.2	99.2	99.9	90.8	99.0
122.3									
1992	14	-172.0	-245.0	-503.7	103.7	100.4	100.4	90.9	98.8
98.1									
1993	18	-159.5	-192.1	-465.8	103.6	99.2	99.7	91.6	99.0
109.2									
1994	12	-129.8	-160.5	-458.2	104.9	100.1	100.2	91.6	98.9
93.8									
1995	21	-133.5	-186.4	-407.4	103.9	98.7	99.8	91.8	99.5
81.8									
1996	13	-175.5	-272.0	-437.1	102.5	100.4	99.9	91.8	99.3
126.7									
1997	10	-154.3	-232.2	-333.3	103.5	98.5	99.1	92.6	99.7
97.7									
2001	16	-119.9	-182.8	-345.5	102.9	99.7	101.5	92.6	99.4
91.1									
2003	14	-104.5	-190.6	-364.9	103.4	99.8	102.0	92.8	99.5
81.1									

Tabel: 77 Fries Hollands - zwartbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	11	101.5	97.7	101.5	97.7	93.5	97.0
1981	14	101.6	97.9	101.6	97.9	94.0	97.1
1982	11	101.7	96.8	101.7	96.8	94.2	97.2
1983	14	101.6	96.9	101.6	96.9	94.0	96.6
1984	11	101.4	97.2	101.4	97.2	94.4	96.9
1985	14	101.9	97.1	101.9	97.1	94.1	96.4
1986	12	102.1	96.1	102.1	96.1	94.0	96.1
1987	16	101.9	96.4	101.9	96.4	94.5	97.3
1988	15	102.6	97.1	102.6	97.1	95.0	97.4
1989	15	102.5	97.3	102.5	97.3	95.5	96.7
1990	13	103.2	98.2	103.2	98.2	95.2	97.8
1991	13	102.7	97.4	102.7	97.4	95.3	96.8
1992	12	102.4	97.2	102.4	97.2	94.8	97.0
1993	16	102.6	97.2	102.6	97.2	95.5	97.3
1994	12	102.8	96.7	102.8	96.7	95.6	97.1
1995	13	102.6	97.6	102.6	97.6	95.5	96.8
1996	14	102.9	97.2	102.9	97.2	95.6	96.6
2001	13	102.5	97.5	102.5	97.5	95.4	96.6
2003	10	102.9	97.4	102.9	97.4	96.0	96.9

Tabel: 78 Fries Hollands - zwartbont: Geboortekenmerken
 Basis: Dubbeldoel

1993	19	97.6	97.3	97.6	93.5	103.3	97.7	97.7	95.9	101.9
96.4	93.2									
1994	12	98.2	99.8	96.7	95.3	104.9	97.8	98.4	95.6	104.1
96.0	94.9									
1995	20	98.3	97.9	97.5	94.2	104.5	97.5	99.2	94.4	102.6
96.5	94.0									
1996	17	97.2	95.5	97.3	93.7	101.6	97.8	98.0	95.2	100.4
95.1	93.6									
1997	10	97.8	97.7	97.9	94.6	103.5	98.0	99.0	94.7	101.0
96.9	93.3									
2001	17	96.9	96.7	96.9	94.6	101.8	97.9	98.4	94.1	100.8
95.5	94.2									
2002	12	97.1	95.4	99.4	92.7	102.2	98.1	97.7	95.9	101.1
96.1	93.2									
2003	16	96.4	96.4	96.7	94.0	101.9	97.9	97.4	94.8	100.7
95.8	92.9									
2004	11	97.2	95.7	97.2	94.0	100.8	97.6	97.9	96.2	99.6
96.0	93.5									
2005	11	98.0	98.6	97.1	94.5	103.5	97.1	98.3	95.6	102.4
96.0	94.2									

Tabel: 80 Fries Hollands - zwartbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	98.1	97.5	100.1
1981	13	97.8	97.2	100.2
1982	14	98.0	97.1	100.4
1983	16	98.5	97.8	100.7
1984	12	98.0	97.1	100.2
1985	14	98.6	98.0	100.7
1986	14	99.5	98.7	100.2
1987	16	98.8	98.0	100.8
1988	14	98.7	98.2	100.9
1989	15	99.4	98.5	100.8
1990	14	98.9	98.1	100.5
1991	14	99.1	98.1	100.9
1992	13	98.5	97.7	100.6
1993	19	99.2	98.5	100.5
1994	12	99.0	98.4	100.6
1995	17	99.8	99.1	100.8
1996	17	100.2	99.2	100.5
1997	10	99.4	98.3	101.2
2001	17	99.6	98.8	100.5
2002	10	100.1	99.3	100.9
2003	15	100.2	99.4	100.9
2004	10	100.3	99.2	100.6

Tabel: 81 Fries Hollands - zwartbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17	-2912.2	-11587.0	-473.6	-429.1
2002	11	-2842.5	-11168.7	-456.2	-421.8
2003	14	-3011.6	-11876.4	-492.1	-442.7

Tabel: 82 Fries Hollands - zwartbont: Overige productie en efficiency kenm.

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	13	99.8	101.8	0	0.0	0.0	0	0.0
1981	16	99.9	100.9	0	0.0	0.0	0	0.0
1982	14	100.3	101.0	0	0.0	0.0	0	0.0
1983	20	99.8	101.8	0	0.0	0.0	0	0.0
1984	17	100.7	100.5	0	0.0	0.0	0	0.0
1985	21	100.0	101.4	21	-3.9	121.2	0	0.0
1986	15	100.5	101.3	17	-3.6	118.5	0	0.0
1987	20	102.2	101.1	21	-3.5	114.7	0	0.0
1988	20	100.5	101.3	21	-3.7	113.9	0	0.0
1989	18	99.2	100.4	18	-3.6	107.8	0	0.0
1990	17	100.4	100.0	19	-3.1	98.2	0	0.0
1991	20	100.0	100.2	21	-3.7	122.3	0	0.0
1992	14	99.9	99.7	15	-3.0	98.1	0	0.0
1993	18	101.1	100.7	19	-3.0	109.2	0	0.0
1994	12	100.8	100.5	12	-2.4	93.8	0	0.0
1995	21	102.4	101.0	21	-2.3	81.8	0	0.0
1996	13	99.2	99.2	17	-3.7	126.7	0	0.0
1997	10	101.8	100.2	10	-3.0	97.7	0	0.0
2001	16	100.9	100.1	18	-2.7	91.1	9	88.4
2002	9	101.7	98.9	12	-2.3	87.7	8	89.6
2003	14	100.3	100.8	15	-2.6	81.1	5	92.4
2004	6	100.2	100.3	10	-2.6	77.2	4	91.8
2005	8	100.9	100.8	11	-2.8	81.9	4	91.2

Tabel: 83 Fries Hollands - zwartbont: Stofwisselingsaandoeningen

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2001	10	100.0	0	0.0	0	0.0	10	97.3

Tabel: 84 Maas Rijn IJssel: Melkproductiekenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	16	-1688.1	-71.8	-67.5	-83.8	7.1	-10.9	-12.9	-452.8
1982	16	-1356.9	-56.7	-54.8	-68.7	7.7	-8.7	-12.4	-364.2
1984	25	-1502.1	-62.2	-60.9	-75.4	9.6	-10.9	-12.6	-403.0
1985	16	-1448.9	-61.3	-59.3	-72.9	7.5	-11.8	-12.4	-393.9
1986	20	-1257.6	-50.9	-51.1	-64.2	10.4	-9.2	-12.4	-336.0
1987	21	-1131.9	-47.8	-50.0	-58.5	4.8	-15.7	-12.2	-323.0
1989	13	-1343.9	-55.5	-52.9	-68.2	8.8	-6.7	-12.5	-353.9
1990	12	-1000.6	-34.2	-41.0	-52.3	19.7	-6.6	-11.7	-255.8
1991	17	-913.7	-34.4	-39.9	-48.5	11.6	-11.1	-11.8	-250.5
1992	20	-1131.3	-42.6	-45.0	-58.5	15.9	-5.8	-12.2	-291.8
1993	20	-916.5	-39.5	-38.6	-48.5	3.6	-8.6	-11.6	-256.1
1994	17	-785.0	-30.7	-36.4	-42.5	7.5	-12.6	-11.5	-226.4
1995	11	-857.3	-38.2	-37.2	-45.9	-0.4	-9.5	-11.7	-246.5
1996	14	-575.2	-24.6	-29.0	-33.1	3.3	-12.6	-11.3	-180.7
1997	16	-667.9	-26.8	-31.5	-37.1	5.6	-11.3	-11.1	-196.6
1998	15	-498.1	-25.1	-22.1	-29.5	-3.7	-6.3	-11.3	-151.9
1999	30	-554.9	-20.6	-23.5	-32.1	7.5	-4.9	-11.2	-149.1
2000	20	-392.2	-16.1	-19.1	-24.7	2.6	-7.6	-11.1	-119.5
2001	19	-271.7	-18.3	-15.7	-12.2	-9.6	-9.1	0.3	-106.6
2002	17	-303.0	-14.2	-13.6	-15.0	0.3	-3.0	-1.4	-90.2
2003	16	-306.8	-19.8	-16.2	-14.9	-9.2	-7.5	-1.3	-112.7
2004	19	-458.5	-23.7	-20.6	-19.7	-5.1	-5.7	2.6	-140.0
2005	26	-447.7	-19.1	-17.2	-19.5	2.5	-0.7	2.5	-116.3
2006	17	-389.6	-21.7	-16.0	-15.1	-6.1	-2.5	5.1	-115.7
2007	17	-208.4	-10.0	-7.5	-7.4	-0.9	0.1	3.5	-54.2
2008	12	-154.2	-5.2	-6.1	-7.2	3.4	-0.5	-0.2	-37.9
2009	15	20.6	0.3	0.7	1.8	-0.5	0.4	1.4	3.8

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

Tabel: 85 Maas Rijn IJssel: Exterieurkenmerken bouw
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	10	89.9	98.0	91.7	88.8	104.5	98.5	97.1
1981	19	91.7	98.6	93.9	91.0	103.2	98.6	98.1
1982	17	91.6	99.4	95.0	91.5	103.5	98.8	98.8
1984	27	92.5	97.7	94.6	92.6	102.0	99.3	97.6
1985	14	93.3	98.1	95.1	92.9	101.6	98.4	98.2
1986	17	93.1	98.4	94.8	93.1	101.5	98.4	97.1
1987	19	94.5	98.2	95.3	93.3	102.2	98.6	98.4
1989	11	92.9	100.4	97.2	93.3	103.6	98.5	99.1
1990	11	93.4	97.5	95.5	92.7	101.7	99.5	99.2
1991	13	93.8	96.8	96.0	93.6	101.3	99.5	97.8
1992	12	96.0	99.1	98.5	95.6	101.7	98.9	99.8
1993	18	95.7	98.3	96.6	94.7	101.7	97.4	97.8
1994	12	94.7	98.8	97.2	95.1	101.2	96.5	99.1
1996	12	95.1	98.3	96.4	94.6	102.2	99.8	99.4
1997	15	96.9	96.5	97.8	96.3	99.3	97.5	98.5
1998	14	95.9	99.8	98.9	97.1	100.6	98.7	99.0
1999	25	96.5	98.7	97.9	96.8	100.2	98.6	97.0
2000	15	98.1	99.1	98.6	97.1	100.6	99.9	100.5
2001	15	97.7	99.7	99.5	98.1	100.1	99.1	99.1

2002	12	98.2	98.4	99.5	98.2	100.1	99.2	99.1
2003	11	98.5	98.5	99.0	98.6	99.5	97.2	98.0
2004	11	99.9	100.3	100.7	99.4	100.6	99.9	100.0
2005	12	99.4	100.8	100.5	99.3	101.0	98.9	100.5
2007	14	100.3	100.6	99.7	98.6	100.6	100.1	101.2
2009	13	100.8	99.8	101.0	100.3	100.0	98.5	99.7

Tabel: 86 Maas Rijn IJssel: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	10	92.8	98.5	94.8	92.7	91.2
1981	19	93.6	97.1	96.8	93.5	92.5
1982	17	94.3	100.1	95.0	94.8	93.8
1984	27	94.7	96.3	96.8	94.3	93.9
1985	14	94.0	98.6	95.4	94.3	92.9
1986	17	96.2	95.8	97.2	94.8	95.4
1987	19	94.4	99.5	94.6	94.1	93.7
1989	11	93.9	99.6	94.4	94.5	93.4
1990	11	93.9	99.5	94.1	93.9	93.5
1991	13	94.5	99.3	95.3	94.0	94.3
1992	12	96.5	98.6	97.3	95.4	95.8
1993	18	97.2	97.1	98.1	95.3	96.6
1994	12	95.8	99.5	96.4	94.7	95.2
1996	12	97.7	97.4	98.7	95.9	96.9
1997	15	96.1	101.0	95.6	95.8	95.6
1998	14	96.6	99.7	96.7	95.7	95.9
1999	25	98.2	100.2	98.0	96.6	97.7
2000	15	97.5	99.3	99.3	97.6	97.4
2001	15	98.9	100.0	98.1	97.6	98.1
2002	12	98.1	100.9	98.2	97.8	97.9
2003	11	97.1	99.5	99.5	96.6	97.5
2004	11	99.2	99.6	99.5	88.2	98.4
2005	12	99.9	99.6	101.0	91.1	99.5
2007	14	99.1	97.8	100.1	70.8	99.4
2009	13	100.0	99.0	100.9	61.0	101.0

Tabel: 87 Maas Rijn IJssel: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	10	96.2	91.9	99.6	97.0	93.3	96.0	91.5
1981	19	96.5	93.1	101.1	96.7	93.5	95.5	91.8
1982	17	95.0	92.2	102.5	95.5	92.2	94.9	91.4
1984	27	95.8	91.3	103.0	95.6	94.2	94.9	91.0
1985	14	96.0	91.9	103.9	96.2	93.4	94.1	90.6
1986	17	96.8	92.9	104.4	96.2	95.1	95.6	92.5
1987	19	96.7	94.0	101.5	96.9	94.0	96.8	93.5
1989	11	95.2	93.8	101.1	95.1	92.3	96.3	92.5
1990	11	96.5	94.1	105.1	96.5	93.9	96.2	92.5

1991	13	97.0	96.8	104.0	96.7	95.7	96.5	94.3
1992	12	97.9	95.8	102.1	97.2	94.5	96.1	92.9
1993	18	98.6	95.4	102.2	98.3	95.5	97.0	94.2
1994	12	96.2	94.8	102.7	96.5	96.2	95.7	92.8
1996	12	97.0	96.2	101.7	97.5	95.6	97.6	95.2
1997	15	96.1	96.7	103.1	96.8	94.3	96.7	95.1
1998	14	97.3	95.3	102.1	96.8	96.1	96.1	93.4
1999	25	97.1	96.8	103.5	96.9	96.4	98.4	96.0
2000	15	98.1	97.0	102.9	98.1	97.1	97.8	96.2
2001	15	97.7	97.3	102.1	97.9	96.1	97.5	95.5
2002	12	97.7	96.8	101.2	98.5	96.3	98.9	96.5
2003	11	98.9	98.5	101.7	99.5	97.5	99.7	97.5
2004	11	97.7	96.8	102.8	98.9	97.6	98.9	97.3
2005	12	99.8	99.8	101.4	100.6	99.9	100.5	98.7
2007	14	98.8	100.4	101.1	99.6	99.2	100.1	99.1
2009	13	98.6	99.8	103.3	99.1	101.5	101.2	99.5

Tabel: 88 Maas Rijn IJssel: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	10	94.3	94.1	95.0	90.2	104.7	89.5
1981	19	95.7	95.6	95.1	91.0	103.6	90.7
1982	17	96.8	96.7	93.4	92.8	104.1	91.4
1984	27	95.8	95.9	94.3	91.9	102.0	90.9
1985	14	96.0	96.4	94.1	91.4	101.9	90.4
1986	17	95.2	95.6	95.2	93.0	101.3	91.8
1987	19	96.2	96.8	95.7	92.3	102.4	91.9
1989	11	97.7	98.4	93.8	92.0	103.8	91.4
1990	11	97.1	96.4	95.0	92.1	102.9	91.8
1991	13	96.1	96.0	96.0	93.0	101.2	92.3
1992	12	98.5	98.8	96.5	94.8	102.2	94.6
1993	18	95.9	97.6	97.3	95.3	101.1	94.5
1994	12	96.3	97.5	95.8	94.2	100.4	93.3
1996	12	97.8	98.0	96.4	95.7	101.8	94.9
1997	15	95.9	96.9	95.3	94.7	99.2	93.0
1998	14	98.5	99.2	96.3	95.1	100.7	94.9
1999	25	96.6	97.9	96.6	97.2	100.1	95.3
2000	15	98.9	98.5	97.4	96.9	100.7	96.4
2001	15	98.5	99.3	97.1	97.8	100.4	96.7
2002	12	98.3	99.1	97.5	97.2	100.0	96.7
2003	11	96.5	98.7	98.9	96.7	99.3	96.5
2004	11	100.1	100.3	97.9	97.9	101.3	98.0
2005	12	99.8	100.8	100.6	99.4	101.2	100.2
2007	14	100.5	100.3	99.5	98.6	100.9	99.1
2009	13	99.2	100.8	100.0	100.3	99.9	99.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
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1980	12	104.1	101.3	102.0	102.1	102.1	101.3	87.5	102.2
1981	20	104.2	100.5	101.2	101.2	101.5	101.2	88.9	101.3
1982	18	103.1	100.3	100.6	100.6	100.7	102.1	87.8	100.7
1984	28	102.8	101.4	100.9	101.4	101.1	101.7	88.8	101.3
1985	16	101.9	102.6	101.2	102.4	100.6	100.5	89.2	101.9
1986	21	101.8	100.8	100.3	100.6	100.0	100.3	89.7	100.6
1987	21	102.9	101.1	101.4	101.3	101.3	102.2	90.8	101.5
1989	13	101.7	101.2	100.6	101.0	100.0	101.0	89.7	100.9
1990	12	103.4	99.2	100.3	99.8	101.2	102.8	88.7	99.9
1991	16	101.8	100.1	100.0	99.5	99.9	100.9	91.6	99.8
1992	20	101.8	101.0	100.5	100.5	100.2	100.7	91.0	100.7
1993	20	101.7	100.8	101.0	100.7	100.7	101.5	92.2	101.0
1994	17	101.2	98.9	98.9	98.4	99.2	100.7	91.3	98.5
1995	11	102.4	100.3	100.8	100.4	101.1	101.7	91.4	100.7
1996	14	101.4	100.7	100.6	100.3	100.3	100.4	93.1	100.5
1997	18	98.9	101.1	98.6	99.4	97.7	98.7	93.2	98.9
1998	18	100.9	100.3	100.1	99.7	99.8	100.6	93.3	100.0
1999	30	100.3	99.7	99.7	99.4	99.6	100.8	94.6	99.6
2000	23	99.1	100.5	99.2	99.5	98.5	99.9	95.5	99.3
2001	20	99.5	99.2	98.6	98.5	98.3	100.0	94.8	98.3
2002	17	99.2	100.4	99.1	99.2	98.6	100.1	95.2	99.1
2003	18	99.3	99.8	99.1	98.9	98.7	100.1	96.6	98.9
2004	22	98.8	101.0	99.0	99.8	98.4	98.6	95.9	99.3
2005	28	98.8	100.8	99.3	99.9	98.7	100.0	96.3	99.6
2006	18	98.8	100.8	99.5	99.9	99.0	100.9	96.9	99.7
2007	22	98.9	100.1	99.2	99.1	98.3	98.6	97.9	99.0
2008	13	99.7	100.9	100.6	100.5	100.1	101.1	99.5	100.7
2009	17	100.1	99.4	99.8	99.2	99.5	100.3	97.5	99.5

Tabel: 90 Maas Rijn IJssel: Gebruikskennmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	11	96.4	86.4	96.0	104.1	104.5
1981	20	98.3	90.9	94.3	102.9	103.3
1982	17	99.2	95.5	92.9	101.2	100.9
1984	24	98.5	95.3	93.0	100.9	101.2
1985	14	97.9	94.1	93.4	101.3	101.7
1986	18	98.2	94.6	94.3	100.9	101.4
1987	18	97.9	95.2	94.7	102.3	102.3
1989	11	98.2	94.2	93.2	100.7	101.6
1990	11	98.7	93.3	95.5	102.6	103.0
1991	14	98.6	95.6	94.4	101.4	102.0
1992	15	99.0	95.4	93.1	100.2	101.4
1993	18	99.6	92.4	94.8	101.8	101.7
1994	12	98.2	94.4	93.1	100.4	100.4
1996	12	100.2	98.2	94.4	100.4	101.4
1997	15	99.6	95.6	95.1	101.2	102.1
1998	14	98.9	96.5	92.0	98.3	98.5
1999	25	99.0	96.8	93.3	99.5	100.0
2000	15	100.0	99.7	95.2	101.2	101.4
2001	15	99.0	96.9	94.6	100.1	100.5
2002	12	100.0	98.1	96.0	101.6	101.0

2003	16	-90.9	-112.7	-243.1	100.0	98.9	98.9	96.7	98.4
15.4									
2004	19	-100.4	-140.0	-288.8	100.0	99.3	97.9	97.9	97.8
5.4									
2005	26	-83.0	-116.3	-265.8	98.0	99.6	100.6	99.4	98.8
5.2									
2006	17	-73.2	-115.7	-217.9	99.4	99.7	98.1	98.4	99.4
15.2									
2007	17	-53.8	-54.2	-112.4	100.4	99.0	99.5	98.6	98.8
-0.2									
2008	12	-36.6	-37.9	-131.6	100.9	100.7	98.8	98.0	98.7
15.8									
2009	15	-14.8	3.8	-111.1	100.6	99.5	100.0	100.3	98.6
3.0									

Tabel: 92 Maas Rijn IJssel: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1999	18	97.2	99.2	99.2	96.5	99.2	96.9	99.2
2005	12	100.8	101.5	100.7	100.2	100.9	99.9	99.8
2007	11	100.1	101.4	100.5	98.9	100.8	98.6	99.8
2009	10	99.9	100.4	100.4	100.6	98.6	98.7	98.5

Tabel: 93 Maas Rijn IJssel: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	17	99.7	97.3	99.7	97.3	93.6	98.4
1982	17	98.7	97.8	98.7	97.8	92.4	98.2
1984	20	99.3	98.1	99.3	98.1	92.8	98.8
1985	12	100.2	97.0	100.2	97.0	93.1	98.0
1986	18	99.5	97.7	99.5	97.7	92.6	97.9
1987	20	99.3	97.3	99.3	97.3	93.0	97.8
1989	12	100.2	97.2	100.2	97.2	93.5	98.1
1990	11	98.8	97.1	98.8	97.1	92.6	97.2
1991	16	99.4	97.4	99.4	97.4	93.2	97.7
1992	20	99.7	97.2	99.7	97.2	93.5	97.7
1993	20	100.3	97.8	100.3	97.8	95.5	97.8
1994	17	99.8	98.1	99.8	98.1	93.5	98.2
1995	11	99.6	97.7	99.6	97.7	94.1	97.7
1996	13	100.7	98.0	100.7	98.0	94.8	98.3
1997	18	100.5	97.9	100.5	97.9	93.5	98.6
1998	18	100.4	97.8	100.4	97.8	93.9	97.6
1999	31	100.3	97.4	100.3	97.4	94.8	97.3
2000	23	102.0	97.2	102.0	97.2	96.3	98.0
2001	20	102.1	97.2	102.1	97.2	96.2	98.0
2002	17	100.9	98.3	100.9	98.3	95.5	97.9
2003	18	101.4	97.3	101.4	97.3	95.8	97.3

2004	22	100.4	97.3	100.4	97.2	94.6	97.8
2005	29	101.4	97.6	101.4	97.6	95.7	98.1
2006	18	101.9	98.0	101.9	98.0	96.4	98.9
2007	23	101.4	97.7	101.4	97.7	95.5	97.6
2008	12	101.1	97.9	101.1	97.9	96.2	97.7
2009	17	101.6	97.5	101.6	97.4	96.1	97.4

Tabel: 94 Maas Rijn IJssel: Geboortekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	95.5	100.9	104.6	92.4	88.3	88.9
1981	20	96.0	100.4	104.5	87.8	82.0	83.0
1982	17	94.4	101.8	106.1	97.2	92.1	92.2
1984	24	96.5	101.5	103.4	103.4	98.1	98.4
1985	15	96.4	100.4	103.6	103.5	99.1	98.7
1986	20	97.2	100.9	102.7	97.2	94.3	93.8
1987	20	95.9	101.3	104.5	101.5	98.7	98.8
1989	13	96.4	100.5	104.3	102.2	98.8	98.4
1990	10	95.4	102.5	105.0	101.6	99.2	99.2
1991	16	96.3	103.1	104.1	101.1	99.9	102.6
1992	20	96.7	101.7	104.0	102.0	99.0	100.0
1993	20	98.3	99.2	101.6	96.4	94.0	95.0
1994	16	96.6	101.1	103.7	102.9	98.2	98.4
1995	10	96.9	102.1	103.3	101.6	99.5	99.7
1996	14	99.3	100.6	100.6	94.6	91.7	93.3
1997	16	97.2	101.2	103.2	102.4	99.1	98.2
1998	16	96.0	101.4	104.2	101.4	98.8	99.5
1999	30	98.4	100.5	101.3	98.5	95.8	96.3
2000	22	98.4	100.0	102.2	101.4	99.5	101.0
2001	20	97.6	99.2	102.5	102.2	98.5	98.5
2002	17	97.4	100.4	103.0	105.5	98.5	98.6
2003	18	96.8	100.4	103.5	102.3	99.5	100.9
2004	21	96.2	99.2	104.0	101.7	99.5	99.9
2005	27	97.4	99.0	102.8	102.5	98.0	99.3
2006	17	98.2	99.6	101.2	102.4	97.8	98.6
2007	18	97.9	100.0	102.0	100.4	100.6	102.2
2008	11	97.9	100.3	102.3	102.4	99.9	101.8
2009	15	97.1	100.3	102.5	100.6	99.9	100.1

Tabel: 95 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	107.1	109.0	96.4	101.4	113.1	94.6	105.4	98.6	110.3	95.3	104.1

Tabel: 96 Maas Rijn IJssel: Kalvervitaliteit
 Basis: Dubbeloel
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	17	95.7	96.9	102.5
1982	17	94.8	96.4	102.2
1984	20	95.3	96.7	102.5
1985	12	95.2	96.4	102.5
1986	18	95.0	96.5	101.4
1987	20	95.6	96.8	102.1
1989	12	95.2	96.4	103.0
1990	11	95.5	96.8	102.1
1991	16	95.4	96.7	102.1
1992	20	95.2	96.5	102.4
1993	20	95.5	96.8	101.9
1994	16	95.1	96.8	102.4
1995	11	95.4	97.1	101.8
1996	13	96.5	97.8	102.3
1997	18	95.9	97.6	101.9
1998	18	96.3	97.7	101.7
1999	31	97.4	98.5	101.7
2000	23	97.5	98.8	102.0
2001	20	98.0	99.0	102.0
2002	17	97.9	98.7	100.6
2003	18	98.8	99.3	100.7
2004	22	98.3	99.3	100.5
2005	29	98.6	99.3	100.0
2006	18	97.9	98.6	100.7
2007	23	98.7	99.5	101.3
2008	12	99.3	99.7	101.1
2009	17	98.8	99.3	101.8

Tabel: 97 Maas Rijn IJssel: Levensproductiekenmerken
 Basis: Dubbeloel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	19	-2082.4	-8222.2	-357.2	-297.0
2002	17	-1773.3	-7192.1	-299.6	-254.5
2003	16	-2066.1	-8123.5	-355.2	-294.6
2004	19	-2387.2	-9566.4	-406.4	-341.3
2005	26	-2133.9	-8760.8	-363.6	-304.0
2006	17	-1874.0	-7548.8	-325.7	-264.2
2007	17	-1070.1	-4546.2	-183.8	-151.3
2008	12	-1134.4	-4855.6	-186.5	-164.8
2009	15	-843.0	-3582.6	-142.6	-120.3

Tabel: 98 Maas Rijn IJssel: Robot / AMS kenmerken
 Basis: Dubbeloel
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1986	10	101.2	89.5	100.0
1991	11	99.3	89.6	98.1
1999	18	100.4	93.3	100.2
2000	12	100.4	92.4	100.2
2005	11	101.1	94.5	98.9

Tabel: 99 Maas Rijn IJssel: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1981	16	98.1	99.6	0	0.0	0.0	0	0.0
1982	16	100.2	101.8	0	0.0	0.0	0	0.0
1984	25	98.5	100.2	0	0.0	0.0	0	0.0
1985	16	99.8	100.8	16	-3.6	61.8	0	0.0
1986	20	100.8	101.1	20	-3.0	48.0	0	0.0
1987	21	99.6	100.4	21	-2.7	39.5	0	0.0
1989	13	99.0	99.6	13	-2.8	30.8	0	0.0
1990	12	100.1	99.6	12	-2.2	34.6	0	0.0
1991	17	98.4	100.1	16	-2.3	41.3	0	0.0
1992	20	97.0	99.1	20	-2.3	24.9	0	0.0
1993	20	99.2	100.1	20	-2.1	29.1	0	0.0
1994	17	99.6	98.5	17	-1.9	30.9	0	0.0
1995	11	100.3	99.6	11	-2.1	29.9	0	0.0
1996	14	101.3	100.0	14	-1.5	26.0	0	0.0
1997	16	99.6	100.1	16	-1.8	34.2	0	0.0
1998	15	99.4	99.5	15	-1.2	13.2	0	0.0
1999	30	100.0	98.6	30	-1.4	28.9	0	0.0
2000	20	102.8	101.1	20	-1.0	12.4	0	0.0
2001	19	100.9	100.3	19	-0.9	13.4	15	98.7
2002	17	101.5	100.4	17	-0.7	10.5	12	98.5
2003	16	99.6	99.0	16	-1.0	15.4	11	97.5
2004	19	100.7	98.8	19	-1.0	5.4	11	100.6
2005	26	100.1	98.5	26	-0.8	5.2	12	100.8
2006	17	100.0	99.1	17	-1.0	15.2	9	98.8
2007	17	100.5	100.2	17	-0.3	-0.2	14	100.7
2008	12	100.8	98.8	12	-0.5	15.8	8	97.4
2009	15	102.3	99.3	16	-0.1	3.0	13	100.5

Tabel: 100 Maas Rijn IJssel: Stofwisselingsaandoeningen
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1981	12	99.8	0	0.0	0	0.0	12	95.4
1982	12	100.0	0	0.0	0	0.0	12	96.3
1984	16	99.8	0	0.0	0	0.0	16	95.9
1985	11	99.9	0	0.0	0	0.0	11	95.9

1986	17	100.0	0	0.0	0	0.0	17	96.8
1987	15	99.7	0	0.0	0	0.0	15	94.9
1989	11	99.8	0	0.0	0	0.0	11	96.5
1990	10	100.0	0	0.0	0	0.0	10	98.8
1991	14	100.0	0	0.0	0	0.0	14	97.5
1992	14	100.0	0	0.0	0	0.0	14	97.5
1993	16	99.9	0	0.0	0	0.0	16	96.6
1994	12	99.8	0	0.0	0	0.0	12	96.2
1995	10	99.9	0	0.0	0	0.0	10	97.4
1996	12	99.9	0	0.0	0	0.0	12	96.4
1997	13	99.9	0	0.0	0	0.0	13	96.8
1998	12	99.9	0	0.0	0	0.0	12	97.2
1999	26	100.0	0	0.0	0	0.0	26	97.7
2000	17	100.5	3	103.7	1	102.0	17	97.9
2001	15	99.9	0	0.0	0	0.0	15	97.1
2002	14	99.9	0	0.0	1	102.0	14	96.8
2003	12	99.9	0	0.0	1	104.0	12	95.7
2004	11	100.0	0	0.0	1	100.0	11	97.9
2005	19	100.0	0	0.0	0	0.0	19	97.9
2006	13	100.0	0	0.0	0	0.0	13	97.5
2007	14	100.1	1	102.0	1	102.0	14	96.9
2009	15	100.1	0	0.0	0	0.0	15	99.0

Tabel: 101 Maas Rijn IJssel: Reproductiestoornissen
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1999	16	101.1	100.6	100.4	100.1	100.2	100.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	15	-2362.1	-94.0	-90.0	-106.6	20.8	-8.5	1.6	-598.4
1985	20	-2369.7	-96.0	-91.0	-107.0	17.9	-9.3	1.7	-606.5
1986	46	-2364.0	-91.5	-91.2	-106.7	26.7	-9.6	1.5	-597.8
1987	145	-2400.2	-96.8	-92.6	-108.3	19.4	-10.3	1.7	-615.4
1988	277	-2380.6	-95.1	-90.7	-107.4	20.6	-8.1	1.6	-603.8
1989	434	-2328.6	-90.6	-87.6	-105.1	24.6	-5.8	1.6	-581.0
1990	659	-2362.3	-89.6	-88.1	-106.6	29.3	-4.5	1.6	-581.3
1991	1088	-2183.4	-79.1	-77.4	-98.4	31.9	2.3	1.6	-513.2
1992	1461	-2066.6	-77.7	-75.2	-93.1	25.7	-0.7	1.6	-499.3
1993	1613	-1998.3	-77.9	-74.7	-90.0	20.0	-4.0	1.6	-497.0
1994	2108	-1890.6	-67.3	-68.2	-85.1	28.2	-0.1	1.6	-446.6
1995	2324	-1817.7	-65.3	-65.9	-81.7	26.0	-0.4	1.6	-431.9
1996	2111	-1731.8	-62.6	-64.3	-77.8	24.0	-2.6	1.6	-418.4
1997	1717	-1583.8	-58.6	-59.8	-71.1	19.5	-3.9	1.6	-389.6

1998	1686	-1540.0	-57.8	-58.1	-69.0	18.0	-3.5	1.6	-380.3
1999	1397	-1484.2	-55.2	-55.0	-66.5	17.8	-1.9	1.6	-361.6
2000	1008	-1251.2	-50.6	-49.1	-55.8	9.1	-5.3	1.6	-324.4
2001	957	-1111.3	-50.7	-44.1	-49.3	0.0	-5.3	1.8	-302.0
2002	740	-951.3	-47.0	-39.6	-41.9	-4.3	-6.8	1.9	-273.6
2003	700	-898.9	-38.8	-35.8	-39.3	3.0	-4.3	2.3	-240.1
2004	645	-720.7	-30.2	-30.5	-30.9	4.2	-5.3	2.7	-197.8
2005	629	-537.1	-26.7	-25.2	-23.3	-1.9	-6.9	1.5	-166.4
2006	529	-481.8	-24.9	-23.0	-20.7	-2.6	-6.4	1.7	-152.6
2007	542	-518.1	-17.4	-19.3	-22.0	9.0	-0.1	2.2	-122.1
2008	431	-496.9	-15.7	-17.4	-21.4	9.6	1.2	1.7	-110.8
2009	368	-411.9	-16.0	-16.8	-17.4	4.0	-2.0	1.7	-107.7
2010	199	-416.7	-18.5	-16.5	-17.0	1.3	-1.5	2.6	-111.9
2011	170	-414.3	-16.4	-15.5	-17.0	3.6	-0.3	2.4	-103.3
2012	127	-369.6	-16.3	-14.5	-15.5	1.6	-0.8	1.8	-98.4
2013	218	-216.4	-14.1	-9.5	-9.0	-4.7	-1.6	1.1	-71.2
2014	110	-285.4	-16.8	-11.7	-11.7	-3.7	-1.2	1.7	-86.8
2015	71	-235.5	-14.4	-8.3	-9.4	-3.8	0.8	1.8	-67.0
2016	76	-89.0	-8.8	-3.8	-1.0	-5.1	-0.1	3.9	-34.1
2017	48	72.4	-7.4	-0.8	6.8	-12.4	-3.5	4.3	-17.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	12	88.7	99.0	92.1	90.4	103.5	95.5	97.7
1986	30	88.7	97.2	90.6	89.7	103.8	95.4	96.8
1987	64	87.7	98.5	90.7	89.0	104.4	97.2	96.5
1988	151	88.2	98.5	90.6	88.9	104.8	97.2	97.3
1989	288	88.2	98.4	90.7	89.4	104.2	97.4	96.5
1990	411	88.7	98.6	91.2	89.7	104.4	97.1	97.4
1991	677	89.0	98.1	91.7	90.7	102.8	96.9	96.6
1992	888	89.7	98.3	91.9	90.7	103.0	96.9	97.5
1993	965	90.5	98.5	92.4	91.2	103.2	96.8	98.3
1994	1199	90.6	100.0	94.2	92.3	103.9	97.2	99.2
1995	1260	90.8	100.2	94.7	92.9	103.6	97.2	99.2
1996	1140	91.1	100.2	95.1	93.3	103.7	97.3	99.2
1997	933	91.7	100.4	95.9	94.1	103.0	97.4	99.3
1998	870	92.5	100.4	96.6	94.7	102.6	97.5	99.1
1999	706	92.5	100.1	96.2	94.6	102.5	97.4	99.2
2000	466	93.4	99.8	96.0	94.6	102.3	97.6	98.8
2001	441	93.7	100.0	95.7	94.3	102.3	97.4	99.0
2002	368	94.3	100.2	96.1	94.8	102.2	97.6	98.8
2003	357	94.8	101.1	97.3	96.0	102.5	98.6	98.3
2004	305	95.0	101.5	98.4	97.2	101.7	98.7	98.9
2005	286	95.5	101.7	99.0	97.7	101.4	99.1	99.3
2006	244	95.7	102.6	99.4	97.9	102.0	99.4	99.5
2007	255	95.5	103.3	99.9	98.3	102.5	100.0	98.3
2008	228	95.6	102.9	99.5	98.2	102.4	100.3	98.1
2009	200	96.1	102.7	99.7	98.6	102.3	100.9	97.7
2010	100	96.3	102.2	99.6	98.4	101.8	101.0	99.3
2011	92	97.1	102.3	99.6	98.1	102.2	100.7	99.4
2012	65	97.4	101.3	99.6	98.7	101.5	100.5	99.4

2013	106	97.3	101.5	99.2	98.3	101.4	100.0	99.8
2014	59	97.6	101.4	99.1	98.1	101.5	98.9	100.0
2015	31	98.0	102.2	99.7	98.3	101.8	99.8	100.1
2016	38	98.2	101.7	99.8	98.8	102.0	100.1	99.9
2017	11	99.9	104.3	101.0	99.8	103.7	100.9	100.3

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

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	12	91.1	100.2	95.4	94.8	87.7
1986	30	92.0	99.6	96.0	95.0	88.1
1987	64	93.2	98.8	95.0	95.3	89.9
1988	151	93.9	98.4	96.1	95.7	90.8
1989	288	93.9	98.5	96.3	95.9	90.8
1990	411	94.0	98.7	96.4	95.8	91.1
1991	677	92.7	100.9	94.9	94.9	89.4
1992	888	93.2	100.2	95.6	95.0	89.8
1993	965	93.9	100.3	96.1	95.7	90.7
1994	1199	92.1	100.9	94.5	95.4	89.7
1995	1260	92.4	101.0	94.5	95.3	90.0
1996	1140	93.4	100.9	95.0	95.6	90.9
1997	933	94.0	101.4	95.0	96.0	91.5
1998	870	94.7	102.5	94.7	96.2	92.0
1999	706	95.2	102.1	95.2	96.5	92.6
2000	466	95.7	101.5	96.3	97.0	93.3
2001	441	96.0	101.0	97.4	97.3	93.6
2002	368	95.6	100.8	97.9	97.3	93.3
2003	357	96.2	100.3	98.3	98.4	94.6
2004	305	96.3	101.0	97.4	98.2	94.8
2005	286	95.9	101.8	96.6	98.3	94.7
2006	244	96.6	101.3	97.0	99.4	95.5
2007	255	97.6	99.8	98.3	100.9	97.4
2008	228	97.7	99.8	98.4	101.2	97.7
2009	200	97.8	99.5	98.6	101.3	98.0
2010	100	97.4	99.9	98.5	100.2	97.2
2011	92	98.7	99.4	99.6	100.7	98.7
2012	65	99.0	99.7	99.7	100.2	99.0
2013	106	99.8	99.3	100.2	100.5	99.7
2014	59	99.6	99.7	100.3	99.4	99.2
2015	31	99.7	100.0	99.8	99.6	99.3
2016	38	99.5	100.2	100.0	100.0	99.9
2017	11	99.6	98.7	101.7	101.8	99.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	12	90.9	87.9	101.7	92.5	87.8	90.8	88.7
1986	30	92.1	89.8	101.6	93.9	89.2	91.6	89.5

1987	64	91.0	88.5	102.6	92.4	88.7	91.4	89.0
1988	151	91.1	89.1	103.1	92.7	88.4	91.3	89.1
1989	288	91.4	89.5	102.8	92.8	88.8	91.1	89.1
1990	411	91.1	89.5	101.9	92.7	88.5	90.7	88.8
1991	677	91.5	89.3	101.6	92.4	88.6	90.9	88.7
1992	888	92.0	89.3	101.3	93.0	88.9	90.7	88.8
1993	965	92.4	90.1	101.0	93.6	89.3	91.3	89.6
1994	1199	92.1	91.5	100.0	92.3	88.0	92.1	90.8
1995	1260	92.1	91.8	100.2	92.2	88.3	92.7	91.3
1996	1140	92.2	92.2	100.5	92.2	89.0	92.9	91.6
1997	933	92.3	92.3	100.2	92.4	89.8	93.0	91.4
1998	870	92.0	92.1	100.4	92.3	90.3	93.6	91.6
1999	706	92.3	92.8	100.3	92.6	91.1	94.3	92.3
2000	466	92.8	93.3	100.6	93.6	91.9	95.0	93.2
2001	441	93.3	92.9	101.3	93.9	92.1	94.9	92.7
2002	368	93.2	92.6	101.2	93.7	92.7	94.8	92.2
2003	357	94.3	94.1	100.1	94.4	93.1	95.3	93.2
2004	305	94.5	95.2	100.3	94.0	93.6	96.7	95.1
2005	286	94.5	95.0	101.1	93.8	94.2	96.2	94.8
2006	244	95.2	95.4	100.6	94.5	94.5	96.5	95.3
2007	255	95.2	96.4	99.5	94.5	93.9	96.2	95.1
2008	228	95.4	96.7	99.2	95.0	94.3	96.4	95.4
2009	200	95.5	97.1	99.2	95.2	94.3	96.6	95.7
2010	100	95.8	97.2	99.4	95.8	95.2	97.4	96.4
2011	92	96.3	97.7	99.2	96.4	95.7	97.8	97.1
2012	65	97.1	98.2	99.1	97.3	96.7	99.0	98.0
2013	106	97.3	98.4	99.0	97.4	96.5	98.6	98.1
2014	59	97.5	98.6	100.0	97.8	97.0	98.6	98.2
2015	31	98.1	99.7	99.8	98.3	97.6	99.2	99.0
2016	38	99.2	99.6	100.4	99.1	98.2	99.9	99.3
2017	11	99.1	98.4	100.5	100.5	97.2	99.5	99.2

Tabel: 106 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken
bovenbalk

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	12	93.2	94.8	87.8	86.9	0.0	83.8
1986	30	91.8	93.6	89.6	87.4	0.0	84.4
1987	64	93.1	93.5	88.3	89.0	0.0	84.9
1988	151	93.5	93.9	88.3	90.0	0.0	85.6
1989	288	93.1	93.7	88.6	90.0	0.0	85.7
1990	411	93.6	94.3	88.2	90.3	0.0	85.8
1991	677	93.1	94.0	88.4	88.8	0.0	85.0
1992	888	93.8	94.4	88.9	89.3	0.0	85.7
1993	965	94.4	95.2	89.6	90.2	0.0	86.9
1994	1199	96.1	97.0	88.8	88.9	0.0	86.6
1995	1260	96.3	97.3	89.0	89.3	0.0	87.0
1996	1140	96.5	97.8	89.4	90.2	0.0	87.8
1997	933	96.9	98.1	89.8	90.9	0.0	88.6
1998	870	97.1	98.3	90.0	91.4	0.0	89.0
1999	706	96.9	98.0	90.6	92.1	0.0	89.6
2000	466	96.6	97.9	91.5	92.9	0.0	90.4
2001	441	96.5	97.6	92.0	93.4	0.0	90.9

2002	368	96.7	97.8	92.1	93.2	0.0	90.9
2003	357	97.7	98.8	93.1	94.3	0.0	92.4
2004	305	98.5	99.3	93.2	94.4	0.0	92.9
2005	286	99.3	99.7	93.2	94.1	0.0	93.0
2006	244	99.8	100.2	93.9	94.9	0.0	94.0
2007	255	99.9	100.4	93.8	96.7	0.0	95.0
2008	228	99.7	100.2	94.2	97.1	0.0	95.4
2009	200	99.9	100.4	94.3	97.3	0.0	95.6
2010	100	100.3	100.3	95.1	96.5	0.0	95.8
2011	92	100.5	100.5	95.6	98.2	0.0	97.0
2012	65	100.1	100.6	96.8	98.5	0.0	97.6
2013	106	100.1	100.4	96.7	99.3	0.0	98.0
2014	59	99.4	100.3	97.1	98.9	0.0	97.7
2015	31	100.4	100.6	97.9	99.0	0.0	98.6
2016	38	100.3	100.9	98.7	99.5	0.0	99.2
2017	11	101.7	102.4	98.6	99.2	0.0	99.8

Tabel: 107 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	19	104.8	102.0	103.8	103.3	102.5	101.0	87.7	103.8
1985	27	104.0	101.9	102.9	102.9	101.5	100.3	87.5	103.1
1986	56	104.4	102.0	103.5	103.4	102.2	100.4	88.4	103.7
1987	164	104.9	102.3	103.9	103.8	102.8	101.4	88.5	104.1
1988	282	105.4	102.0	104.0	103.7	103.2	101.6	87.7	104.1
1989	444	104.3	102.0	103.3	103.2	102.2	101.0	87.9	103.5
1990	685	104.1	102.5	103.6	103.7	102.4	101.5	88.3	103.8
1991	1147	104.7	100.7	103.2	102.5	102.4	101.4	89.8	103.0
1992	1559	104.5	100.7	103.0	102.4	102.1	101.3	90.6	102.9
1993	1706	104.0	101.1	102.8	102.5	101.8	101.2	90.9	102.8
1994	2365	103.5	100.9	102.4	102.2	101.3	101.1	91.1	102.5
1995	2607	103.0	101.2	102.2	102.2	100.9	101.0	91.3	102.4
1996	2374	102.7	100.6	101.6	101.4	100.4	100.7	91.9	101.6
1997	1918	102.0	100.1	100.9	100.6	99.7	100.5	92.2	100.8
1998	1880	101.7	100.2	100.9	100.6	99.6	100.8	92.8	100.8
1999	1542	101.8	100.3	101.2	100.9	100.0	100.7	92.8	101.1
2000	1106	102.3	99.4	101.1	100.4	100.2	100.9	93.3	100.8
2001	1063	102.0	100.2	101.4	101.1	100.3	100.1	93.4	101.3
2002	825	101.2	100.7	101.3	101.3	100.0	100.1	94.9	101.4
2003	785	99.9	100.2	100.2	100.1	98.7	99.6	96.0	100.1
2004	725	99.4	99.5	99.3	99.0	97.9	99.0	95.6	99.1
2005	696	99.3	99.2	99.3	98.8	97.9	98.9	95.4	99.0
2006	594	99.0	99.3	99.2	98.8	97.8	98.7	96.0	98.9
2007	616	97.4	100.0	98.5	98.5	96.7	98.4	98.0	98.3
2008	539	97.7	99.9	98.6	98.6	97.0	98.7	97.9	98.5
2009	459	97.7	99.6	98.4	98.4	96.9	98.5	97.9	98.3
2010	234	98.7	99.6	99.3	98.9	97.8	98.9	97.7	99.0
2011	228	98.6	99.2	98.8	98.5	97.6	98.6	97.9	98.6
2012	173	98.2	99.4	98.8	98.6	97.5	98.6	98.1	98.6
2013	296	98.8	98.7	98.5	98.1	97.6	98.4	97.8	98.2
2014	160	99.6	98.7	99.2	98.6	98.4	98.5	97.4	98.8
2015	104	99.4	100.2	100.3	100.2	99.2	98.5	98.5	100.3
2016	99	99.9	100.4	101.0	100.8	100.0	98.8	98.5	101.0

2013	218	-69.4	-71.2	-130.5	98.9	98.2	96.7	99.3	98.6
-0.5									
2014	110	-70.8	-86.8	-110.4	98.6	98.8	97.1	98.9	99.2
1.8									
2015	71	-49.9	-67.0	-108.9	99.3	100.3	97.9	99.0	99.5
-5.2									
2016	76	-16.8	-34.1	-42.5	100.4	101.0	98.7	99.5	100.5
-6.1									
2017	48	-9.3	-17.0	-7.0	100.4	100.8	98.6	99.2	100.6
-21.2									

Tabel: 110 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1990	13	94.7	94.5	99.7	97.0	94.1	95.8	96.8
1991	112	92.0	91.8	98.2	95.5	92.6	93.9	97.1
1992	132	92.1	92.3	98.0	95.0	93.3	94.4	97.2
1993	144	92.3	93.5	97.4	94.4	93.5	95.7	97.2
1994	306	94.0	95.4	99.1	94.6	94.7	97.4	96.5
1995	385	94.5	95.7	99.6	94.7	94.9	97.9	96.2
1996	337	94.4	95.2	99.7	95.4	94.3	98.0	96.0
1997	327	93.8	94.1	99.3	96.0	93.2	96.9	95.8
1998	476	93.9	93.7	99.6	97.0	92.1	96.5	95.2
1999	365	94.6	94.3	100.1	97.3	92.4	97.1	95.3
2000	280	95.2	95.5	99.8	97.4	93.3	97.9	95.4
2001	296	95.4	95.7	100.0	97.0	94.3	98.4	95.5
2002	269	95.5	96.0	99.9	96.9	94.5	98.4	95.1
2003	287	96.3	97.2	99.6	97.9	95.4	97.3	96.0
2004	274	96.9	97.8	100.1	98.3	95.5	96.8	96.3
2005	255	97.2	98.5	100.0	98.2	95.9	96.6	97.0
2006	226	97.4	98.4	100.0	98.7	95.9	96.5	97.3
2007	242	98.9	100.4	99.9	99.5	98.3	95.8	98.8
2008	218	99.2	100.5	100.0	99.7	98.7	96.0	99.2
2009	191	99.2	100.4	99.8	99.8	98.5	96.0	99.4
2010	93	98.6	99.9	99.6	99.4	97.9	96.6	98.5
2011	79	98.7	100.0	99.3	99.5	98.8	96.8	98.6
2012	63	99.0	100.1	99.6	99.7	99.0	97.1	98.3
2013	99	98.6	99.9	99.2	99.4	98.8	97.7	97.9
2014	55	98.5	99.9	99.1	99.0	99.4	97.8	98.1
2015	28	99.3	100.2	99.5	99.4	99.7	98.5	98.7
2016	31	100.4	101.4	100.2	99.4	100.9	99.6	98.9
2017	10	99.4	99.5	100.5	99.8	99.7	99.6	97.9

Tabel: 111 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskennmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1989	22	95.4	99.9	95.4	99.9	94.3	99.3

1990	22	95.0	100.1	95.0	100.1	93.8	98.7
1991	60	96.5	99.9	96.5	99.9	97.1	97.5
1992	49	95.4	100.3	95.4	100.3	95.0	98.5
1993	55	95.3	100.5	95.3	100.5	95.1	98.9
1994	72	95.6	100.9	95.6	100.9	96.0	98.9
1995	104	95.6	100.8	95.6	100.8	96.1	98.7
1996	73	96.1	101.1	96.1	101.1	96.1	99.3
1997	96	96.4	100.4	96.4	100.4	96.1	99.0
1998	104	96.1	100.8	96.1	100.8	95.8	98.8
1999	102	96.8	101.0	96.8	101.0	96.3	99.3
2000	79	97.0	100.4	97.0	100.4	96.0	100.0
2001	103	97.4	100.7	97.4	100.7	96.6	100.5
2002	60	97.7	100.3	97.7	100.3	96.5	100.2
2003	81	97.5	98.8	97.5	98.8	96.5	99.1
2004	80	96.6	98.4	96.6	98.4	96.5	98.4
2005	82	97.5	98.4	97.5	98.4	97.4	98.2
2006	63	97.3	98.7	97.3	98.7	96.8	99.2
2007	59	97.6	97.5	97.6	97.5	97.4	98.1
2008	64	98.3	97.7	98.3	97.7	98.0	98.2
2009	56	98.2	98.3	98.2	98.3	98.0	98.6
2010	42	97.9	98.8	97.9	98.8	98.0	98.8
2011	33	98.2	98.8	98.2	98.8	98.8	99.1
2012	29	98.2	98.5	98.2	98.5	98.7	98.6
2013	24	99.8	99.3	99.8	99.3	100.2	99.2
2014	19	100.8	99.3	100.8	99.3	100.8	99.6
2015	17	101.4	99.3	101.4	99.3	102.2	99.8

Tabel: 112 MRIJ - Holstein Friesian roodbont: Geboortekennmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	10	97.0	102.8	101.6	90.8	88.3	88.8
1986	26	95.3	103.8	104.0	97.4	100.1	102.1
1987	73	96.3	103.3	102.7	98.0	100.4	102.1
1988	130	96.8	103.7	102.2	97.4	99.0	101.6
1989	169	96.6	103.6	102.2	97.3	99.7	102.0
1990	313	96.8	104.0	101.9	97.3	100.0	101.0
1991	523	95.9	102.4	103.0	95.7	100.5	102.1
1992	682	95.3	103.0	103.6	96.2	100.3	101.4
1993	698	95.5	103.0	103.6	98.1	100.4	100.0
1994	819	95.1	103.2	103.9	98.6	100.0	100.4
1995	891	95.6	103.3	103.3	99.8	99.9	99.2
1996	854	95.9	103.5	103.2	99.2	99.7	98.9
1997	758	95.7	103.2	103.6	99.0	100.4	99.7
1998	723	95.4	103.8	103.9	98.3	100.7	100.0
1999	638	96.0	102.4	103.3	99.1	100.7	99.3
2000	463	96.5	101.7	102.6	99.3	99.9	99.0
2001	459	95.8	101.2	103.6	99.9	99.2	98.8
2002	338	95.3	101.4	104.0	99.5	99.9	99.6
2003	322	95.5	102.4	104.0	98.0	100.4	99.0
2004	264	95.4	103.5	104.2	98.5	102.0	100.2
2005	247	95.8	103.1	103.8	98.3	101.8	100.1
2006	220	95.6	103.1	104.1	99.1	102.8	100.7
2007	230	97.1	103.8	102.6	96.6	104.0	101.3

2003	622	103.6	104.7	99.9	102.5	104.2	99.5	102.5	100.3	105.2
	99.7	103.4								
2004	562	103.3	103.9	99.7	102.2	103.6	99.2	101.9	101.3	105.2
	98.9	103.1								
2005	561	103.4	103.0	100.5	101.7	103.5	98.8	102.0	101.4	104.9
	98.9	103.5								
2006	484	103.3	103.3	100.3	102.1	103.0	98.9	101.8	101.6	105.0
	99.6	103.1								
2007	528	102.6	103.8	100.0	101.9	102.3	99.3	100.9	101.9	105.3
	99.6	102.4								
2008	432	102.3	103.5	100.0	101.5	102.2	99.5	100.7	101.5	105.2
	100.2	102.1								
2009	377	102.3	103.6	99.9	101.7	102.1	99.6	100.6	101.2	106.8
	100.4	102.7								
2010	195	102.1	103.2	99.8	101.3	102.3	99.3	100.9	100.7	105.4
	99.4	101.6								
2011	168	101.7	102.6	99.9	100.9	101.7	99.5	100.5	100.4	105.4
	100.0	102.1								
2012	118	101.4	102.7	100.2	101.1	101.1	100.1	100.1	100.1	108.7
	103.7	100.5								
2013	219	101.5	101.7	100.7	100.7	101.2	100.0	100.2	100.3	108.0
	103.3	101.0								
2014	91	101.1	100.9	101.5	100.3	101.5	99.5	100.7	99.9	100.8
	102.0	100.0								
2015	49	101.4	101.3	101.4	101.4	101.1	99.5	100.8	99.7	105.8
	102.2	101.4								
2016	43	101.1	101.3	101.7	100.6	101.4	99.3	100.8	99.0	103.8
	101.5	100.4								
2017	13	101.3	103.5	100.3	102.8	101.5	99.5	101.2	98.5	106.2
	100.6	102.3								

Tabel: 114 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1989	13	97.8	98.8	99.5
1990	16	97.9	99.2	98.8
1991	34	99.0	99.6	99.6
1992	20	97.6	98.6	99.8
1993	29	97.4	98.9	99.1
1994	40	98.6	99.5	99.3
1995	42	98.6	99.5	99.3
1996	37	98.5	99.6	99.0
1997	60	98.2	99.4	98.4
1998	68	97.7	98.9	98.6
1999	71	98.2	99.2	99.2
2000	62	98.0	99.2	99.1
2001	80	98.5	99.3	99.3
2002	47	98.7	99.4	99.5
2003	68	99.3	100.0	99.1
2004	60	99.0	99.7	99.4
2005	64	100.1	100.2	99.8
2006	50	100.2	100.4	99.8

2007	44	100.0	100.1	99.5
2008	54	100.2	100.4	100.2
2009	41	99.6	99.7	99.5
2010	30	99.8	99.6	99.9
2011	27	100.5	101.0	99.2
2012	20	100.9	101.1	99.7
2013	11	100.9	100.5	100.1
2014	13	101.3	100.8	100.0
2015	12	101.1	101.2	100.7

Tabel: 115 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	957	-3296.6	-12949.1	-569.1	-469.1
2002	741	-3307.7	-12858.7	-575.4	-468.9
2003	698	-3112.0	-12383.5	-533.1	-444.4
2004	644	-3050.1	-12128.6	-518.9	-437.4
2005	631	-2761.0	-10796.1	-475.1	-393.9
2006	529	-2605.5	-10166.1	-449.3	-371.3
2007	541	-2215.7	-9116.4	-373.3	-318.6
2008	432	-1978.9	-8228.1	-332.9	-284.6
2009	375	-1825.5	-7400.8	-308.9	-262.2
2010	201	-1800.9	-7241.8	-310.9	-255.7
2011	178	-1688.6	-6887.8	-289.2	-240.6
2012	131	-1627.5	-6574.2	-281.1	-230.9
2013	228	-1328.6	-5175.3	-239.0	-184.3
2014	115	-1257.1	-4937.3	-225.2	-174.7
2015	73	-1171.6	-4665.7	-212.5	-161.2
2016	79	-618.3	-2348.5	-118.3	-82.3
2017	47	-347.5	-898.1	-75.9	-42.8

Tabel: 116 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	Eff	Int	Gewen
1989	13	99.3	89.0	103.1
1990	13	99.5	88.2	103.1
1991	33	99.0	90.5	103.2
1992	29	100.3	89.9	102.8
1993	42	100.9	89.4	102.7
1994	56	100.4	83.5	103.5
1995	52	100.8	84.6	103.0
1996	49	101.2	85.3	103.4
1997	62	100.8	86.3	103.5
1998	63	100.8	86.3	102.6
1999	52	99.9	86.9	103.0
2000	44	100.7	88.1	102.1
2001	51	100.6	88.2	101.7
2002	32	100.5	89.1	101.5

2003	48	99.9	90.6	101.8
2004	44	100.1	90.9	102.4
2005	29	100.2	91.2	102.3
2006	32	100.7	91.8	101.7
2007	41	100.1	94.4	101.7
2008	34	99.1	95.6	101.8
2009	35	99.4	101.0	99.5
2010	30	98.6	97.4	100.8
2011	19	98.6	97.3	99.9
2012	17	99.1	99.0	100.6
2013	22	101.1	98.8	99.4
2014	16	101.0	99.0	99.9
2015	10	100.0	100.0	99.8

Tabel: 117 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1984	15	96.7	96.2	2	-4.6	111.0	0	0.0
1985	20	97.3	95.8	20	-5.4	88.8	0	0.0
1986	46	97.0	95.7	46	-5.3	89.1	0	0.0
1987	145	97.0	95.7	145	-5.2	77.3	0	0.0
1988	277	96.8	95.7	277	-5.1	76.0	0	0.0
1989	434	97.1	96.3	434	-5.0	78.2	0	0.0
1990	659	96.7	96.2	660	-5.0	75.3	0	0.0
1991	1088	96.6	96.1	1090	-4.6	76.4	0	0.0
1992	1461	96.9	96.1	1461	-4.4	72.6	0	0.0
1993	1613	96.7	96.1	1614	-4.3	65.6	0	0.0
1994	2108	96.8	96.7	2109	-3.7	50.9	0	0.0
1995	2324	97.0	96.8	2325	-3.6	47.5	0	0.0
1996	2111	97.1	96.5	2112	-3.4	43.8	0	0.0
1997	1717	97.5	96.3	1717	-3.1	40.5	0	0.0
1998	1686	97.1	96.1	1686	-3.1	39.9	0	0.0
1999	1397	97.4	96.3	1397	-3.0	40.3	0	0.0
2000	1008	98.1	96.9	1008	-2.7	38.9	0	0.0
2001	957	99.0	96.8	957	-2.5	34.5	441	97.6
2002	740	99.3	96.4	742	-2.3	31.8	368	97.9
2003	700	99.8	97.1	700	-1.9	22.8	357	98.8
2004	645	99.6	97.3	645	-1.5	16.1	305	99.2
2005	629	100.3	97.4	631	-1.2	12.2	286	99.5
2006	529	100.9	98.4	530	-1.0	3.0	244	100.5
2007	542	101.4	99.6	542	-0.8	-0.2	255	100.8
2008	431	101.6	100.0	431	-0.7	3.1	228	100.4
2009	368	101.6	99.8	375	-0.7	2.4	200	100.5
2010	199	101.0	98.8	201	-0.7	2.1	100	100.3
2011	170	101.0	99.0	178	-0.7	2.2	92	100.9
2012	127	101.3	98.6	130	-0.7	2.9	65	100.3
2013	218	101.3	97.9	228	-0.5	-0.5	106	100.2
2014	110	101.9	98.3	118	-0.6	1.8	59	100.3
2015	71	101.0	98.3	76	-0.4	-5.2	31	101.2
2016	76	102.1	98.3	82	-0.2	-6.1	38	101.1
2017	48	102.4	97.8	50	0.2	-21.2	11	103.9

Tabel: 118 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	17	99.8	0	0.0	0	0.0	17	97.2
1988	26	100.0	0	0.0	0	0.0	26	98.7
1989	43	99.9	0	0.0	0	0.0	43	97.4
1990	62	100.0	1	101.0	1	97.0	62	97.6
1991	131	98.6	10	96.4	9	99.7	131	96.0
1992	169	99.1	1	96.0	1	100.0	169	96.2
1993	183	99.3	2	96.5	2	100.5	183	96.1
1994	242	99.2	10	99.2	10	96.8	242	95.8
1995	327	99.5	6	101.3	6	97.0	327	96.1
1996	276	99.5	6	101.2	6	97.5	276	96.0
1997	281	99.2	10	98.0	10	99.0	281	95.8
1998	296	99.1	7	99.1	7	97.4	296	94.9
1999	299	99.3	7	99.6	7	99.3	299	95.4
2000	245	99.7	5	101.8	5	99.0	245	96.1
2001	268	100.1	4	100.0	4	99.0	268	96.6
2002	222	100.6	2	104.0	2	99.0	222	96.9
2003	258	99.9	4	98.0	4	101.0	258	96.9
2004	271	99.0	5	97.6	5	99.0	271	96.3
2005	287	98.5	0	0.0	0	0.0	287	95.8
2006	250	98.3	1	100.0	1	102.0	250	95.9
2007	337	98.1	0	0.0	0	0.0	337	96.4
2008	297	98.6	1	101.0	1	106.0	297	97.2
2009	290	98.5	0	0.0	0	0.0	290	97.0
2010	192	99.0	3	100.3	3	98.3	192	97.2
2011	167	99.2	0	0.0	0	0.0	167	98.1
2012	124	99.2	1	99.0	1	101.0	124	98.3
2013	214	99.3	0	0.0	0	0.0	214	97.8
2014	105	99.6	0	0.0	0	0.0	105	98.3
2015	66	99.8	0	0.0	0	0.0	66	99.4
2016	72	99.7	0	0.0	0	0.0	72	100.1
2017	44	99.7	0	0.0	0	0.0	44	100.4

Tabel: 119 MRIJ - Holstein Friesian roodbont: Reproductiestoornissen
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1991	16	102.2	102.6	102.9	101.1	100.9	100.6
1994	17	101.7	101.2	103.0	100.4	99.9	101.0
1995	17	101.5	101.4	103.1	100.1	100.2	101.3
1996	13	101.4	101.2	102.8	100.0	99.6	100.8
1997	16	99.8	99.6	100.3	99.5	99.2	99.1
1998	19	99.8	99.2	101.5	98.7	99.8	99.7

1999	19	100.6	99.9	101.9	99.7	99.5	99.9
2000	16	99.3	99.3	100.4	98.6	98.1	99.1
2001	14	100.4	100.2	101.7	99.1	100.1	99.9
2002	10	99.4	98.6	100.8	98.7	100.0	99.4
2003	16	100.1	100.7	100.1	99.2	99.4	100.1
2004	14	101.0	100.9	101.8	99.6	100.5	100.7
2005	11	100.1	100.7	99.5	98.9	100.5	100.2
2010	14	100.6	100.5	101.1	99.1	101.9	100.0
2012	11	101.0	101.4	100.3	99.9	100.6	100.4

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1494.2	-59.1	-63.3	-75.1	14.6	-16.5	-12.8	-406.2
1981	25	-1368.1	-48.2	-60.6	-69.2	24.9	-19.9	-12.4	-370.3
1982	41	-1332.2	-48.8	-59.7	-67.6	21.5	-20.2	-12.4	-367.7
1983	79	-1402.5	-54.4	-62.5	-70.8	16.7	-21.0	-12.5	-391.9
1984	131	-1500.5	-59.8	-65.0	-75.3	14.6	-19.2	-12.6	-414.7
1985	178	-1434.1	-54.0	-62.7	-72.2	20.2	-19.1	-12.5	-392.1
1986	348	-1300.0	-52.8	-59.2	-66.1	11.1	-21.1	-12.3	-373.3
1987	623	-1293.1	-51.1	-59.0	-65.8	13.7	-21.4	-12.3	-369.2
1988	715	-1271.2	-50.8	-58.0	-64.8	12.2	-20.9	-12.3	-363.7
1989	674	-1278.8	-48.1	-57.4	-65.1	18.6	-18.9	-12.3	-356.1
1990	748	-1325.1	-48.0	-57.8	-67.2	23.3	-16.4	-12.4	-357.9
1991	625	-1183.2	-43.3	-51.9	-60.8	19.2	-15.2	-12.1	-322.3
1992	487	-1067.8	-40.9	-49.1	-55.5	14.1	-17.4	-11.9	-303.9
1993	600	-821.3	-34.5	-41.1	-44.2	5.0	-18.7	-11.5	-254.4
1994	718	-676.8	-27.2	-34.8	-37.7	6.1	-16.6	-11.4	-211.2
1995	433	-596.6	-22.7	-31.3	-33.9	7.6	-15.3	-11.1	-186.0
1996	271	-528.4	-21.3	-30.7	-30.9	4.8	-18.4	-11.2	-180.0
1997	126	-400.9	-16.5	-25.9	-25.0	3.1	-17.9	-11.0	-148.4
1998	54	-362.8	-11.9	-23.5	-23.2	7.3	-16.6	-10.8	-128.5
1999	59	-345.2	-12.0	-20.6	-22.5	6.1	-12.2	-10.8	-116.5
2000	32	-326.7	-12.3	-20.3	-21.3	4.6	-13.0	-10.2	-115.5
2001	27	100.3	3.7	-3.7	-0.6	0.0	-11.0	-7.7	-7.8
2002	33	45.1	-3.8	-9.4	-1.5	-7.1	-16.5	-5.2	-47.1
2003	31	71.2	3.6	-6.5	1.9	2.8	-13.5	-1.9	-18.5
2004	32	9.2	3.6	-8.1	-1.9	5.8	-12.6	-3.7	-26.2
2005	28	509.1	24.7	8.6	20.0	4.4	-13.8	-4.9	93.0
2006	20	648.1	18.7	10.4	25.0	-12.9	-17.9	-6.7	89.5
2007	26	362.7	21.9	7.2	11.6	9.4	-8.0	-7.8	79.2
2008	25	101.4	10.2	-1.3	3.3	9.2	-7.5	-1.6	17.1
2009	15	301.3	18.9	6.1	9.3	8.9	-6.9	-6.7	67.3
2010	11	400.3	11.0	2.3	11.5	-8.0	-17.0	-10.0	35.8
2011	10	447.7	27.8	13.4	14.6	12.5	-4.3	-9.1	117.7
2013	14	727.3	23.7	17.4	26.3	-11.4	-12.5	-10.1	129.4
2014	20	465.1	15.4	7.8	15.8	-7.0	-13.2	-8.2	69.3
2015	15	536.5	18.7	8.5	17.6	-5.7	-14.8	-10.4	79.4

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	15	94.5	92.5	94.9	95.8	97.8	92.0	96.5
1982	29	96.6	91.9	96.7	98.0	97.1	91.3	98.0
1983	40	96.3	92.1	96.2	97.7	96.7	92.8	97.3
1984	64	94.8	93.4	96.3	96.5	98.0	93.1	97.3
1985	85	95.4	92.6	96.4	97.1	97.2	92.9	96.3
1986	163	95.8	91.9	97.2	98.5	96.2	91.7	96.2
1987	301	96.2	92.7	98.0	98.9	96.6	92.0	96.6
1988	368	96.4	92.3	97.6	98.7	96.5	92.4	96.6
1989	386	96.6	92.6	97.7	99.0	96.3	92.3	96.6
1990	445	97.0	92.3	97.7	99.0	96.4	92.7	97.2
1991	354	97.0	92.0	97.7	99.3	95.6	92.7	96.9
1992	265	97.7	92.4	98.6	99.9	95.8	92.0	97.6
1993	323	98.9	92.8	99.7	101.2	95.4	91.9	98.6
1994	366	99.6	93.1	100.9	102.3	95.0	91.5	99.2
1995	207	99.4	93.7	101.2	102.4	95.4	91.7	98.9
1996	120	100.0	93.7	102.0	103.3	95.2	93.5	98.4
1997	57	99.5	93.9	101.9	103.1	95.4	93.8	97.7
1998	25	99.5	94.4	102.0	103.1	95.7	93.7	97.9
1999	27	100.5	94.4	102.1	103.2	94.7	93.3	98.2
2000	12	101.2	95.5	102.8	103.5	95.8	92.1	97.8
2001	14	101.0	94.5	101.3	102.7	95.2	92.7	98.5
2002	17	101.4	96.3	101.9	103.1	96.6	95.8	99.6
2003	10	103.0	94.6	104.6	106.3	93.8	94.3	97.6
2004	14	101.9	96.4	102.9	103.4	95.8	95.5	98.4
2005	17	103.1	96.3	104.1	105.4	95.1	95.9	99.1
2006	15	102.9	94.8	103.1	105.1	94.6	95.5	97.0

Tabel: 122 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1981	15	93.1	95.9	97.9	90.1	90.5
1982	29	93.4	97.0	97.6	90.0	91.2
1983	40	93.5	97.0	97.0	90.7	91.8
1984	64	94.9	96.6	96.6	91.7	93.3
1985	85	94.2	96.4	96.8	91.6	92.8
1986	163	94.0	98.7	95.8	91.6	92.6
1987	301	94.8	98.5	95.5	91.7	93.7
1988	368	95.2	98.3	95.6	91.7	94.2
1989	386	95.4	98.5	95.7	91.7	94.4
1990	445	95.5	98.2	96.4	91.7	94.3
1991	354	94.7	99.3	95.9	91.4	93.4
1992	265	94.9	99.1	96.0	91.4	93.6
1993	323	94.8	101.1	95.4	92.7	93.8
1994	366	94.3	102.7	94.6	93.2	93.4
1995	207	94.0	102.5	94.2	92.7	93.2
1996	120	95.2	100.8	95.4	92.5	94.7
1997	57	94.8	101.4	94.5	92.3	94.3

1998	25	95.0	103.0	93.5	92.4	94.7
1999	27	96.1	100.6	96.0	92.9	95.7
2000	12	96.2	102.2	96.2	94.3	96.0
2001	14	95.8	102.0	95.4	93.6	95.6
2002	17	98.5	100.2	98.5	95.0	97.5
2003	10	96.9	102.3	96.1	95.3	97.7
2004	14	97.5	101.1	97.8	95.2	97.6
2005	17	96.9	102.4	95.8	95.6	97.8
2006	15	98.1	101.3	97.7	89.4	98.8

Tabel: 123 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken uier
Basis: Dubbeloel
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	15	97.5	95.7	100.3	99.8	98.9	97.5	94.5
1982	29	99.2	96.3	98.9	101.5	99.9	97.5	94.7
1983	40	99.3	96.2	98.4	101.1	99.5	98.3	94.8
1984	64	99.4	95.2	101.3	99.6	98.3	97.5	94.1
1985	85	99.7	95.9	101.0	100.1	99.7	98.8	95.1
1986	163	100.4	96.4	99.7	99.8	99.7	98.5	95.2
1987	301	100.2	96.8	101.0	99.8	100.1	98.7	95.5
1988	368	100.1	96.7	101.2	100.1	100.0	98.7	95.4
1989	386	99.8	96.9	101.1	100.1	99.9	98.5	95.3
1990	445	99.8	97.0	100.2	100.4	99.5	97.8	94.7
1991	354	100.1	96.6	99.9	100.2	99.7	97.7	94.5
1992	265	100.5	97.0	99.4	100.6	100.1	98.1	95.2
1993	323	101.2	98.1	99.0	100.8	99.5	98.7	96.2
1994	366	101.5	98.8	98.2	100.5	98.9	99.2	96.6
1995	207	101.5	99.3	98.9	100.2	99.4	99.7	97.2
1996	120	100.5	100.9	98.5	98.8	99.7	99.7	98.3
1997	57	100.9	100.1	98.8	99.8	100.8	100.2	98.0
1998	25	100.7	100.7	98.9	99.1	101.6	101.4	99.2
1999	27	101.0	99.5	99.6	100.3	102.3	100.8	98.3
2000	12	102.1	100.9	101.1	100.6	102.5	101.9	99.9
2001	14	100.4	99.8	99.8	101.1	102.2	101.6	98.9
2002	17	101.2	99.4	100.4	101.5	102.6	101.4	98.7
2003	10	103.3	102.7	97.1	102.3	104.8	103.6	102.0
2004	14	101.9	102.6	98.1	102.6	103.6	102.9	101.1
2005	17	102.2	102.9	98.3	101.9	103.7	103.2	101.5
2006	15	102.1	102.8	100.1	101.3	105.6	103.0	101.1

Tabel: 124 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bovenbalk

Basis: Dubbeloel
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	15	89.7	93.9	98.9	89.4	93.0	89.7
1982	29	90.6	95.3	100.5	90.2	92.3	91.6
1983	40	90.8	94.5	100.4	90.6	92.2	91.7
1984	64	91.5	95.3	99.4	91.9	94.7	92.2

1985	85	90.6	94.5	100.3	91.1	93.0	91.9
1986	163	90.0	94.6	100.5	91.2	91.6	91.9
1987	301	90.9	95.6	100.6	92.3	92.4	92.8
1988	368	90.8	95.2	100.6	92.9	92.6	93.1
1989	386	90.9	95.3	100.3	93.1	92.4	93.1
1990	445	91.3	95.5	100.3	93.2	92.7	93.3
1991	354	91.0	95.0	100.4	92.3	91.5	92.7
1992	265	91.5	95.8	100.8	92.6	91.4	93.4
1993	323	92.4	96.8	101.0	92.8	91.1	93.9
1994	366	93.0	97.5	100.9	92.3	90.8	93.9
1995	207	93.3	97.9	100.9	92.0	91.4	93.9
1996	120	94.3	98.2	100.0	93.6	92.4	94.6
1997	57	94.0	98.0	101.1	93.1	92.7	94.9
1998	25	94.3	98.4	101.2	93.4	92.5	95.3
1999	27	94.5	97.9	101.8	94.8	93.2	96.2
2000	12	94.0	98.7	102.7	95.2	93.7	96.9
2001	14	93.9	97.9	102.1	94.6	93.2	96.2
2002	17	96.8	99.8	102.6	97.0	95.4	98.8
2003	10	95.2	99.0	104.4	96.8	93.3	98.9
2004	14	96.3	99.0	103.7	96.7	95.4	99.0
2005	17	97.1	99.8	103.4	96.4	95.1	99.1
2006	15	95.0	98.7	104.0	97.6	93.6	99.2

Tabel: 125 MRIJ - Holstein Friesian roodbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	43	101.7	102.9	101.3	101.8	100.4	101.3	93.3	101.6
1981	69	102.6	100.3	100.3	99.6	100.3	101.7	93.3	99.9
1982	86	101.6	100.2	99.6	99.2	99.9	101.4	94.3	99.3
1983	127	101.8	100.8	100.2	100.0	100.3	101.6	93.5	100.1
1984	201	102.0	101.2	100.6	100.6	100.7	101.4	93.6	100.7
1985	258	101.7	101.2	100.7	100.6	100.7	101.8	93.8	100.7
1986	428	101.6	100.7	100.5	100.3	100.7	101.9	94.8	100.5
1987	697	102.2	100.3	100.5	100.0	101.0	102.6	95.1	100.3
1988	764	102.1	100.4	100.6	100.1	101.1	102.8	95.0	100.4
1989	721	101.7	100.3	100.1	99.7	100.5	102.3	94.8	99.9
1990	788	101.7	100.8	100.7	100.4	101.1	103.0	95.3	100.6
1991	676	101.5	100.3	100.3	99.9	100.8	102.8	96.1	100.1
1992	527	101.2	100.1	100.0	99.6	100.4	102.7	96.9	99.8
1993	645	101.1	99.9	99.6	99.1	100.1	103.0	97.3	99.3
1994	785	101.0	99.4	99.2	98.6	100.0	103.4	97.5	98.8
1995	481	100.7	99.1	98.8	98.2	99.5	103.0	97.8	98.3
1996	299	100.8	98.6	98.9	97.8	99.5	102.4	98.5	98.2
1997	151	100.5	98.2	98.5	97.4	99.2	102.7	98.6	97.8
1998	56	99.8	98.7	98.6	97.7	99.0	102.9	98.9	97.9
1999	62	100.1	98.0	98.2	97.2	99.1	102.7	99.0	97.5
2000	33	99.8	98.3	98.2	97.6	98.8	101.9	99.1	97.7
2001	28	99.9	97.8	98.3	97.3	98.9	101.8	99.4	97.7
2002	34	100.0	97.6	98.3	96.9	98.9	101.9	100.1	97.4
2003	33	97.1	98.9	97.2	96.8	97.1	100.6	102.1	96.8
2004	34	97.2	99.2	97.5	96.9	97.1	100.2	102.7	97.0
2005	32	98.3	97.1	97.3	95.8	97.7	101.2	101.9	96.4
2006	22	97.8	97.1	96.8	95.7	97.3	100.5	102.7	96.0

2009	15	0.3	67.3	-61.5	99.7	97.0	104.9	100.4	97.1
4.8									
2010	11	-10.9	35.8	-23.9	100.1	97.6	109.0	100.0	99.1
20.5									
2011	10	39.3	117.7	-43.9	100.1	97.7	105.7	100.3	99.0
5.2									
2013	14	19.0	129.4	-24.8	99.6	95.6	105.1	98.5	98.6
9.7									
2014	20	2.6	69.3	-82.2	100.0	97.1	103.1	100.0	99.3
0.1									
2015	15	14.5	79.4	-13.9	98.2	98.9	104.6	101.1	98.5
6.1									

Tabel: 128 MRIJ - Holstein Friesian roodbont: Klauwgezondheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1991	20	91.5	93.2	95.8	93.8	94.1	96.5	99.0
1992	15	91.1	93.2	95.1	92.5	95.1	97.0	99.5
1993	39	92.1	96.2	94.4	92.4	95.1	100.2	99.5
1994	69	92.5	96.5	94.8	92.6	95.0	100.7	99.3
1995	57	92.9	96.1	96.0	93.1	94.9	100.2	98.6
1996	33	94.1	96.1	97.6	94.6	95.1	100.4	97.8
1997	18	93.4	95.2	96.7	94.6	95.3	98.3	98.7
1998	10	93.5	96.9	96.2	94.7	95.0	97.2	98.3
2002	13	95.0	97.2	97.0	95.6	97.0	99.2	98.2
2004	10	97.3	98.6	98.5	97.8	98.8	97.7	99.9
2005	13	97.7	99.8	98.0	97.8	98.5	99.9	100.6
2006	14	96.6	97.9	97.6	97.6	97.4	99.4	99.8

Tabel: 129 MRIJ - Holstein Friesian roodbont: Levensvatbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	12	99.2	96.5	99.2	96.5	92.6	96.2
1983	10	98.6	97.4	98.6	97.4	91.9	97.4
1985	13	100.9	96.7	100.9	96.7	94.2	97.6
1986	21	100.7	96.7	100.7	96.7	94.1	97.1
1987	30	99.6	96.8	99.6	96.8	92.7	97.0
1988	29	99.8	97.2	99.8	97.2	93.6	97.5
1989	24	99.8	96.9	99.8	96.9	93.6	97.4
1990	26	98.8	97.0	98.8	97.0	92.5	97.3
1991	37	99.4	97.3	99.4	97.3	93.2	97.0
1992	28	99.9	96.9	99.9	96.9	93.0	96.2
1993	33	100.4	97.2	100.4	97.2	94.2	96.5
1994	44	99.9	97.4	99.9	97.4	93.8	96.5
1995	36	100.8	96.8	100.8	96.8	95.2	96.2
1996	28	101.7	97.4	101.7	97.4	95.5	97.2
1997	23	101.8	96.8	101.8	96.8	95.6	97.2

1998	17	101.4	97.4	101.4	97.4	95.2	97.1
1999	14	101.3	96.7	101.3	96.7	95.7	96.6
2000	14	102.3	97.8	102.3	97.8	96.2	98.1
2001	14	102.0	96.1	102.0	96.1	96.3	96.8
2002	20	101.7	97.1	101.7	97.1	95.7	97.6
2003	10	102.5	96.6	102.5	96.6	95.3	96.9
2004	19	101.7	95.8	101.7	95.8	95.9	96.6
2005	18	101.4	96.3	101.4	96.3	95.4	96.9
2006	15	102.1	96.1	102.1	96.1	95.5	96.5
2007	12	103.1	95.8	103.1	95.8	97.2	96.5
2008	22	102.3	96.2	102.3	96.2	96.4	96.4
2009	18	103.0	95.7	103.0	95.7	97.2	97.0

Tabel: 130 MRIJ - Holstein Friesian roodbont: Geboortekennmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	18	93.2	104.2	108.6	95.0	92.3	97.6
1982	30	93.8	105.5	108.0	97.7	95.7	98.3
1983	45	94.2	103.7	106.9	97.0	94.3	96.1
1984	78	95.9	102.3	104.9	101.6	96.7	98.7
1985	114	97.2	101.4	103.4	97.5	94.1	95.2
1986	188	96.4	101.6	104.2	101.2	97.7	98.5
1987	304	96.0	102.4	104.9	100.6	98.3	100.2
1988	355	97.0	102.2	103.6	99.8	97.5	99.9
1989	292	96.2	102.7	104.6	99.7	97.2	99.7
1990	365	96.2	102.9	104.4	100.9	98.3	99.4
1991	308	96.0	102.0	104.6	100.2	99.1	100.2
1992	240	95.6	102.6	105.1	100.5	99.0	99.7
1993	275	95.9	102.4	105.0	99.4	97.2	96.8
1994	280	95.9	101.8	105.0	101.8	99.3	98.6
1995	191	95.3	102.4	105.9	102.7	100.3	100.4
1996	97	96.2	102.5	105.0	102.3	100.0	100.3
1997	66	96.2	102.0	105.0	99.9	98.3	98.9
1998	23	96.4	101.3	104.4	101.8	99.8	99.9
1999	30	96.1	101.9	105.3	102.7	99.4	99.3
2000	19	97.7	99.3	102.8	92.3	87.7	88.7
2001	14	96.3	100.5	104.6	102.3	98.6	99.9
2002	23	97.1	100.8	103.7	98.3	94.7	94.7
2003	13	95.2	101.3	106.1	101.5	98.8	98.7
2004	22	96.7	102.1	104.2	101.1	100.9	99.8
2005	20	96.5	102.2	104.5	101.0	101.4	100.6
2006	12	96.9	102.2	103.9	99.7	100.1	100.8
2007	13	96.7	101.8	103.9	98.7	101.8	101.7
2008	20	97.8	101.4	103.0	100.0	101.5	102.7
2009	11	96.9	101.0	104.1	99.5	102.1	102.8
2013	11	96.1	101.7	104.9	98.8	100.8	101.9
2014	14	96.8	101.1	104.3	101.6	100.0	98.2
2015	10	96.7	99.6	103.6	99.9	98.7	98.3

Tabel: 131 MRIJ - Holstein Friesian roodbont: Vleeskenmerken
 Basis: Dubbeldoel

2007	23	96.6	90.6	101.9	98.0	90.7	100.7	96.8	102.1	97.3
	99.5	99.7								
2008	19	97.9	91.8	101.5	99.1	93.0	100.4	98.5	101.5	97.0
	99.6	99.7								
2009	17	97.0	90.3	102.9	98.6	90.8	101.1	97.6	101.5	99.4
	102.3	98.2								
2013	16	95.8	92.5	102.1	99.1	91.4	102.4	97.2	98.6	97.2
	101.1	98.5								
2014	14	96.1	90.6	101.8	98.4	91.9	101.6	97.4	99.8	93.9
	100.2	97.2								

Tabel: 132 MRIJ - Holstein Friesian roodbont: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	10	98.6	98.7	101.6
1983	10	98.8	99.1	101.6
1986	17	98.0	97.5	102.1
1987	21	97.7	97.7	101.7
1988	15	98.5	97.7	101.7
1989	13	96.7	97.1	101.2
1990	17	97.1	97.5	101.4
1991	26	97.4	97.6	101.6
1992	20	97.4	97.5	101.0
1993	28	97.8	97.9	101.5
1994	26	97.7	98.0	101.4
1995	29	99.3	99.0	101.8
1996	25	98.8	98.6	101.4
1997	24	99.1	98.8	101.3
1998	17	99.1	98.6	101.8
1999	13	98.7	98.6	101.8
2000	13	97.9	98.5	102.2
2001	15	99.6	98.9	101.3
2002	20	98.7	98.7	100.9
2003	10	100.7	99.9	101.0
2004	19	100.2	99.3	101.1
2005	19	100.6	99.7	101.1
2006	15	100.6	99.7	100.7
2007	13	101.0	100.5	101.6
2008	25	99.5	98.9	101.0
2009	21	99.8	99.1	101.9

Tabel: 133 MRIJ - Holstein Friesian roodbont: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	27	-1309.1	-5156.1	-209.6	-194.6
2002	33	-1609.3	-6077.6	-264.3	-236.7
2003	30	-1320.8	-5247.6	-201.8	-200.8

2004	32	-1666.0	-6752.3	-260.5	-250.2
2005	29	-551.7	-2248.2	-60.8	-95.8
2006	20	-38.1	493.8	5.2	-13.7
2007	26	-489.9	-2260.9	-53.5	-84.6
2008	25	-1354.4	-5724.2	-207.8	-204.4
2009	15	-349.7	-1721.6	-31.9	-63.2
2010	12	-171.2	-123.0	-7.7	-37.5
2011	10	-36.7	-642.9	22.4	-18.4
2013	15	50.8	460.2	13.3	4.1
2014	22	-492.6	-1738.9	-69.3	-78.8
2015	18	6.1	480.3	22.8	-11.9

Tabel: 134 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1982	10	99.5	95.1	100.3
1986	13	99.8	94.5	98.8
1987	21	100.5	92.7	98.6
1988	15	100.3	96.1	98.5
1989	15	101.1	92.8	98.3
1991	18	100.7	93.9	98.9
1992	11	99.8	91.5	98.7
1993	20	101.7	93.7	98.2
1994	26	101.7	94.3	98.2
1995	18	102.4	91.3	98.3
1996	11	102.0	92.9	98.6
1997	10	101.0	92.6	99.9

Tabel: 135 MRIJ - Holstein Friesian roodbont: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	13	100.1	98.7	0	0.0	0.0	0	0.0
1981	25	98.9	98.6	1	-2.2	125.0	0	0.0
1982	41	98.5	100.0	2	-2.8	78.0	0	0.0
1983	79	98.1	98.9	0	0.0	0.0	0	0.0
1984	131	97.8	98.0	0	0.0	0.0	0	0.0
1985	178	97.4	98.2	178	-4.0	94.3	0	0.0
1986	348	96.8	97.8	349	-3.8	91.9	0	0.0
1987	623	96.7	97.8	623	-3.6	81.9	0	0.0
1988	715	96.8	97.6	715	-3.6	80.9	0	0.0
1989	674	96.9	98.1	675	-3.5	80.8	0	0.0
1990	748	96.5	97.9	748	-3.5	79.7	0	0.0
1991	625	96.6	98.0	625	-3.3	80.1	0	0.0
1992	487	96.7	97.9	486	-3.1	73.3	0	0.0
1993	600	97.8	98.4	600	-2.6	61.2	0	0.0
1994	718	98.0	98.6	718	-2.2	54.8	0	0.0
1995	433	98.2	98.8	433	-1.9	49.3	0	0.0

1996	271	96.7	98.1	271	-1.9	49.1	0	0.0
1997	126	97.3	98.3	126	-1.6	48.8	0	0.0
1998	54	97.9	98.4	54	-1.4	42.6	0	0.0
1999	59	98.4	98.2	59	-1.4	44.4	0	0.0
2000	32	97.4	98.7	32	-1.3	36.1	0	0.0
2001	27	99.8	98.5	27	-0.6	36.9	14	95.1
2002	33	99.9	99.2	33	-0.8	33.8	17	97.4
2003	31	99.0	98.7	31	-0.7	41.3	10	95.8
2004	32	98.3	99.0	32	-0.3	18.2	14	97.1
2005	28	99.9	99.4	29	0.6	13.1	17	97.8
2006	20	100.9	99.2	20	0.3	24.8	15	95.8
2007	26	101.2	101.2	25	0.5	11.3	2	97.0
2008	25	99.4	99.7	25	-0.2	23.8	5	98.0
2009	15	100.5	99.7	15	0.5	4.8	8	97.5
2010	11	100.5	99.1	12	0.1	20.5	2	98.0
2011	10	99.0	99.5	10	0.8	5.2	3	99.7
2013	14	100.8	101.1	15	0.7	9.7	8	97.1
2014	20	100.0	98.6	22	0.6	0.1	8	96.6
2015	15	100.5	98.6	17	0.5	6.1	8	97.8

Tabel: 136 MRIJ - Holstein Friesian roodbont: Stofwisselingsaandoeningen
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1982	15	99.7	1	101.0	1	97.0	15	95.6
1983	13	99.5	0	0.0	0	0.0	13	93.1
1984	17	99.8	0	0.0	0	0.0	17	95.4
1985	20	99.7	0	0.0	0	0.0	20	93.8
1986	45	99.6	0	0.0	0	0.0	45	94.0
1987	75	99.6	0	0.0	0	0.0	75	94.4
1988	69	99.7	0	0.0	0	0.0	69	94.8
1989	72	99.5	0	0.0	0	0.0	72	94.0
1990	52	99.7	1	99.0	1	98.0	52	94.6
1991	64	99.3	2	98.0	2	100.5	64	93.5
1992	57	99.4	0	0.0	0	0.0	57	93.7
1993	76	99.4	0	0.0	0	0.0	76	93.5
1994	91	99.5	2	102.0	2	98.0	91	93.2
1995	70	99.3	3	102.0	3	100.0	70	92.7
1996	49	99.6	1	107.0	1	101.0	49	92.6
1997	29	99.0	4	99.8	4	100.2	29	92.7
1998	21	99.3	2	102.0	2	104.0	21	92.0
1999	16	99.3	0	0.0	0	0.0	16	93.3
2000	13	99.0	0	0.0	0	0.0	13	93.3
2001	13	100.2	1	101.0	1	99.0	13	94.9
2002	20	100.2	0	0.0	0	0.0	20	95.0
2003	13	99.9	1	101.0	1	102.0	13	94.0
2004	21	99.0	1	102.0	2	100.5	21	93.6
2005	22	99.0	0	0.0	0	0.0	22	93.3
2006	15	99.0	1	99.0	1	103.0	15	93.5
2007	10	99.2	0	0.0	0	0.0	10	95.4
2008	14	99.1	0	0.0	0	0.0	14	94.1
2009	14	99.0	0	0.0	0	0.0	14	95.5

2011	10	99.8	1	102.0	1	101.0	10	95.5
2013	13	99.4	0	0.0	0	0.0	13	95.2
2014	17	100.2	0	0.0	0	0.0	17	96.9
2015	13	99.8	0	0.0	0	0.0	13	97.0

Tabel: 137 Jersey: Melkproductiekenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	10	-3460.2	-62.3	-96.7	-156.8	200.9	59.4	1.8	-574.6
1986	12	-2788.2	-61.6	-82.2	-126.1	128.7	36.4	1.8	-504.1
1987	27	-3128.1	-63.4	-90.6	-141.7	160.4	46.7	1.5	-547.1
1988	22	-3133.4	-60.4	-91.0	-141.9	162.8	44.0	1.5	-542.5
1989	28	-3361.4	-73.5	-97.9	-152.2	171.9	51.7	1.8	-601.2
1990	26	-3181.8	-62.7	-93.6	-144.0	166.7	43.8	1.9	-558.7
1991	31	-3049.4	-59.1	-88.4	-138.0	162.1	44.8	1.6	-528.0
1992	35	-2981.3	-58.4	-86.0	-134.9	153.3	43.1	1.7	-515.8
1993	29	-2716.6	-54.0	-77.2	-122.7	132.9	39.7	1.9	-466.8
1994	29	-2553.9	-46.7	-69.0	-115.4	129.9	42.7	1.6	-415.6
1995	23	-2650.6	-45.3	-73.0	-119.7	138.3	41.5	1.7	-430.4
1996	25	-2786.0	-50.7	-77.7	-125.9	141.8	42.3	1.8	-463.0
1997	34	-2833.8	-50.9	-77.3	-128.2	145.8	46.7	1.6	-462.4
1998	33	-2549.6	-48.8	-72.8	-115.1	122.1	35.1	1.7	-435.6
1999	41	-2450.4	-36.6	-65.3	-110.6	130.0	40.2	1.7	-377.9
2000	39	-2289.6	-33.3	-61.8	-102.6	120.4	35.6	2.8	-354.1
2001	40	-2631.8	-40.3	-69.9	-118.0	141.6	45.1	3.4	-406.8
2002	40	-2474.8	-36.8	-66.7	-111.4	132.3	40.0	2.4	-384.3
2003	40	-2480.6	-38.0	-65.2	-106.0	132.2	43.3	12.5	-379.1
2004	32	-2328.1	-32.7	-60.8	-101.5	125.4	39.9	8.0	-348.4
2005	36	-2427.4	-35.9	-62.9	-106.3	128.2	42.8	7.8	-365.2
2006	44	-2476.0	-35.6	-65.6	-110.2	133.0	41.3	4.4	-376.9
2007	54	-2347.6	-27.4	-59.4	-104.7	135.1	43.4	3.9	-332.6
2008	57	-2397.0	-26.6	-59.4	-107.0	140.6	46.6	3.7	-331.5
2009	58	-2201.2	-21.2	-53.8	-99.3	131.8	43.1	1.5	-295.1
2010	59	-2147.7	-19.5	-51.3	-96.9	129.2	43.7	1.4	-280.3
2011	49	-2234.9	-19.7	-53.6	-100.6	136.5	45.4	2.0	-291.3
2012	36	-2237.9	-16.7	-52.0	-100.8	141.2	48.2	1.9	-278.7
2013	91	-2371.5	-20.6	-55.4	-106.4	149.1	52.2	2.7	-302.5
2014	45	-2369.2	-14.5	-53.4	-110.6	157.8	54.7	-4.5	-282.7
2015	54	-2179.9	-14.1	-47.5	-103.3	140.4	51.9	-6.2	-255.3
2016	45	-2066.0	-11.4	-48.0	-98.3	135.3	44.0	-6.6	-250.1
2017	41	-2041.2	-13.7	-43.3	-102.0	128.6	50.0	-13.9	-236.8

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

Tabel: 138 Jersey: Exterieurkenmerken bouw
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	14	72.4	80.4	84.9	91.6	91.3	94.1	80.3
1989	11	73.5	80.2	84.9	91.8	90.5	93.5	81.1

1991	11	73.6	80.3	84.6	90.7	92.0	92.5	79.5
1992	15	71.8	80.1	84.9	91.0	91.5	93.9	79.3
1993	17	73.1	79.8	84.6	91.4	91.8	94.2	79.7
1994	14	72.6	80.0	84.4	90.9	92.1	93.9	80.3
1995	13	72.7	80.5	84.3	90.5	91.9	93.1	79.8
1999	13	72.2	80.5	86.2	93.0	91.0	96.8	80.2
2000	10	72.0	80.4	85.5	91.9	91.8	95.8	79.3
2007	11	72.5	80.9	86.4	93.0	91.2	95.5	81.3
2008	11	72.4	82.0	86.1	92.4	92.1	95.4	81.0
2010	13	72.5	81.0	86.8	93.7	90.6	96.9	81.1

Tabel: 139 Jersey: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1987	14	104.8	103.4	91.3	96.6	107.5
1989	11	104.0	102.9	91.5	96.9	106.9
1991	11	103.8	102.7	90.7	96.2	106.2
1992	15	106.1	103.7	91.4	97.3	109.1
1993	17	106.2	103.4	91.5	97.6	109.3
1994	14	105.1	102.9	92.4	97.2	108.3
1995	13	106.2	102.8	92.1	97.7	109.0
1999	13	107.3	103.5	91.6	97.3	110.4
2000	10	108.0	104.1	90.4	97.6	110.9
2007	11	106.2	103.7	91.8	97.2	109.3
2008	11	104.8	103.3	91.7	96.6	107.7
2010	13	105.7	104.2	91.1	96.2	108.8

Tabel: 140 Jersey: Exterieurkenmerken uier
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	14	92.2	94.1	103.7	87.9	95.8	95.7	94.1
1989	11	90.8	93.9	103.1	87.0	94.6	95.9	94.3
1991	11	92.7	93.5	103.9	88.4	95.5	95.5	93.7
1992	15	91.6	93.7	104.1	87.0	95.7	95.7	93.7
1993	17	92.3	94.5	104.8	87.9	96.2	96.1	94.4
1994	14	92.4	94.1	104.3	87.9	95.9	95.6	93.5
1995	13	92.1	95.6	104.4	87.3	95.5	96.1	94.2
1999	13	93.3	95.9	104.2	88.5	96.7	96.7	95.7
2000	10	93.5	96.7	103.8	88.6	96.8	96.5	96.1
2007	11	93.5	95.4	104.7	89.2	97.0	96.2	95.0
2008	11	94.5	95.4	104.3	90.5	97.4	96.5	95.5
2010	13	94.1	95.0	103.5	89.4	97.1	96.2	95.3

Tabel: 141 Jersey: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	14	74.9	78.8	90.7	105.3	0.0	87.3
1989	11	74.9	78.4	89.5	104.6	0.0	85.9
1991	11	73.6	78.4	91.0	104.2	0.0	86.4
1992	15	74.1	78.2	90.3	106.9	0.0	87.5
1993	17	74.4	78.6	91.0	107.1	0.0	88.1
1994	14	74.4	78.8	90.9	106.2	0.0	87.6
1995	13	74.0	78.3	90.8	107.1	0.0	87.9
1999	13	76.9	79.4	91.7	108.2	0.0	90.0
2000	10	75.5	78.9	91.9	108.5	0.0	89.6
2007	11	76.8	79.6	92.1	107.2	0.0	89.6
2008	11	76.9	79.8	93.2	105.5	0.0	89.4
2010	13	77.7	79.8	92.5	106.5	0.0	89.8

Tabel: 142 Jersey: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	11	104.5	104.5	104.8	105.7	104.2	96.2	76.7	105.5
1985	11	104.4	104.9	104.9	106.1	104.1	97.2	77.9	105.6
1986	13	104.6	104.0	105.4	105.5	104.4	97.8	81.5	105.6
1987	30	103.7	103.7	104.2	104.7	103.2	97.5	82.6	104.7
1988	22	104.0	104.4	104.8	105.6	103.7	96.2	80.5	105.5
1989	29	104.0	104.1	104.4	105.1	103.4	97.0	81.2	105.0
1990	26	104.3	103.6	104.4	105.0	103.6	97.0	81.0	104.9
1991	31	103.9	103.6	103.9	104.7	103.1	96.2	80.6	104.5
1992	34	103.7	103.3	104.1	104.5	103.2	96.9	82.4	104.5
1993	30	103.0	102.7	103.4	103.7	102.4	96.8	83.9	103.8
1994	28	102.7	103.5	104.0	104.3	102.7	97.1	85.6	104.4
1995	24	102.4	103.5	103.8	104.1	102.2	97.5	86.3	104.2
1996	24	103.2	102.8	103.8	103.9	102.6	98.6	85.6	104.1
1997	34	103.5	102.8	104.1	104.2	102.7	97.2	84.9	104.3
1998	32	102.5	102.9	103.4	103.7	102.1	96.8	85.8	103.8
1999	38	104.0	100.9	103.6	102.6	102.8	97.3	85.6	103.3
2000	39	103.4	101.1	103.2	102.5	102.2	96.7	85.2	103.0
2001	41	103.1	101.9	103.5	103.3	102.5	97.2	85.6	103.6
2002	39	103.0	102.2	103.6	103.4	102.1	96.4	85.7	103.7
2003	40	102.7	102.9	103.7	104.0	102.4	97.1	86.0	104.0
2004	32	103.0	101.9	103.4	103.0	102.3	96.1	85.3	103.5
2005	36	103.1	102.6	103.9	103.8	102.7	96.0	84.9	104.0
2006	41	102.4	102.5	103.4	103.4	102.0	96.0	86.2	103.7
2007	61	102.5	101.9	103.4	102.9	101.8	95.4	86.5	103.4
2008	54	102.8	101.2	103.0	102.3	101.6	94.7	85.4	102.9
2009	57	102.0	101.8	103.1	102.5	101.1	94.5	87.3	103.0
2010	64	102.2	102.5	103.8	103.4	101.8	95.0	87.9	103.8
2011	49	102.4	102.8	104.2	103.8	102.0	95.0	88.0	104.2
2012	36	103.1	102.4	104.4	103.7	102.5	95.7	88.3	104.3
2013	98	103.7	101.8	104.2	103.3	103.0	95.4	85.7	104.0
2014	55	103.3	102.1	104.4	103.5	102.6	95.0	86.9	104.2
2015	67	102.6	102.0	103.9	103.4	102.1	95.3	88.5	104.0
2016	54	102.2	102.5	103.9	103.5	102.0	94.7	87.9	103.9
2017	42	103.0	102.6	104.8	104.1	103.0	95.6	89.3	104.7

1999	41	-74.7	-377.9	-152.1	95.8	103.3	91.7	108.2	99.3
337.0									
2000	39	-80.1	-354.1	-190.7	95.9	103.0	91.9	108.5	99.7
299.0									
2001	40	-90.6	-406.8	-254.8	96.4	103.6	91.3	107.9	99.8
348.1									
2002	40	-81.1	-384.3	-240.4	96.5	103.7	91.3	107.9	99.2
340.4									
2003	40	-77.8	-379.1	-226.6	96.3	104.0	92.0	107.2	99.4
328.6									
2004	32	-48.3	-348.4	-138.0	96.0	103.5	92.9	108.1	99.1
371.0									
2005	36	-58.1	-365.2	-145.5	95.6	104.0	92.7	107.0	99.6
350.5									
2006	44	-51.8	-376.9	-15.2	96.5	103.7	93.0	104.4	98.8
360.3									
2007	54	-36.9	-332.6	-6.3	96.2	103.4	92.1	107.2	99.5
338.0									
2008	57	-40.2	-331.5	4.6	96.5	102.9	93.2	105.5	99.4
341.5									
2009	58	-22.6	-295.1	83.2	96.4	103.0	92.0	107.9	99.3
315.3									
2010	59	-3.3	-280.3	94.5	96.7	103.8	92.5	106.5	100.1
327.2									
2011	49	7.6	-291.3	155.4	97.4	104.2	93.7	107.3	100.2
325.6									
2012	36	17.8	-278.7	163.4	97.4	104.3	93.7	106.0	100.7
323.9									
2013	91	-10.1	-302.5	69.1	97.3	104.0	93.1	106.0	100.0
302.9									
2014	45	5.8	-282.7	84.6	97.5	104.2	95.5	107.0	100.6
306.9									
2015	54	6.6	-255.3	101.3	97.1	104.0	96.0	105.0	101.9
289.4									
2016	45	1.3	-250.1	92.1	96.8	103.9	93.8	106.2	101.2
299.0									
2017	41	10.4	-236.8	106.7	95.3	104.7	93.0	106.0	100.4
311.3									

Tabel: 145 Jersey: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	14	97.1	99.4	97.1	99.4	87.7	103.6
1989	12	98.8	98.8	98.8	98.8	89.9	104.2
1991	12	96.9	98.2	96.9	98.2	88.0	103.2
1992	16	98.3	98.8	98.3	98.8	89.4	104.4
1993	21	97.6	98.1	97.6	98.1	88.2	103.6
1994	23	97.8	97.9	97.8	97.9	88.9	103.0
1995	16	98.0	98.6	98.0	98.6	89.1	103.7
1996	12	99.9	99.2	99.9	99.2	90.1	105.2
1997	16	98.6	98.9	98.6	98.9	89.2	104.2
1998	16	98.1	98.6	98.1	98.6	89.0	103.6

1999	28	97.2	99.6	97.2	99.6	88.0	104.7
2000	17	98.5	99.8	98.5	99.8	88.4	105.1
2001	18	98.4	99.7	98.4	99.7	88.6	104.8
2002	20	98.1	99.3	98.1	99.3	88.3	104.7
2003	14	97.6	99.9	97.6	99.9	88.6	104.6
2004	22	97.4	99.3	97.4	99.3	87.8	104.4
2005	16	98.3	99.3	98.3	99.3	88.6	105.4
2006	20	97.1	99.4	97.1	99.4	87.8	104.5
2007	31	97.5	96.8	97.5	96.8	88.1	101.4
2008	37	97.6	92.1	97.6	92.1	87.9	96.5
2009	21	97.8	100.6	97.8	100.6	88.6	106.3
2010	31	98.2	93.7	98.2	93.7	88.4	98.8
2011	30	98.1	99.5	98.1	99.5	88.0	105.4
2012	26	98.3	89.3	98.3	89.3	88.5	93.8
2013	12	98.8	83.4	98.8	83.4	88.6	88.1

Tabel: 146 Jersey: Geboortekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	14	116.4	107.2	64.0	67.4	65.3	59.6
1989	13	119.4	107.6	59.8	57.3	55.4	51.8
1990	11	120.2	106.4	58.6	60.4	56.7	53.1
1991	20	119.0	107.5	60.0	47.2	45.1	41.8
1992	23	119.7	106.9	60.1	62.0	58.8	54.5
1993	24	119.7	107.5	59.2	55.8	52.2	49.2
1994	20	118.8	107.2	60.8	81.0	76.2	73.4
1995	17	117.9	106.6	62.3	61.9	58.0	55.6
1996	12	118.6	105.8	63.2	64.7	60.2	57.0
1997	18	116.6	106.8	63.7	68.9	64.8	60.9
1998	14	117.3	107.7	62.9	67.7	64.6	61.5
1999	27	117.8	106.9	62.2	81.5	77.1	70.5
2000	18	116.4	106.8	63.7	58.6	55.4	50.8
2001	22	117.0	106.4	63.3	52.2	49.0	45.8
2002	18	116.9	106.3	62.8	79.5	75.1	69.9
2003	16	115.8	107.4	64.2	47.6	44.7	42.4
2004	21	116.7	107.7	62.8	76.3	73.0	68.6
2005	17	117.9	107.2	61.1	71.5	68.5	64.2
2006	22	116.3	106.7	63.4	46.9	45.1	42.3
2007	40	115.9	108.2	63.2	70.3	67.8	64.0
2008	46	115.4	108.6	63.9	60.8	59.4	56.0
2009	31	114.8	108.8	65.1	51.3	49.6	46.5
2010	49	115.3	108.5	64.0	59.2	57.1	54.0
2011	36	115.2	107.4	63.4	84.1	79.9	74.9
2012	33	114.3	107.8	65.0	54.0	51.7	48.5
2013	28	115.1	107.6	64.0	66.9	64.4	60.2
2014	26	114.9	107.8	63.9	57.3	55.5	52.3
2015	29	114.5	107.7	64.0	70.9	67.9	63.8
2017	13	113.7	107.5	65.0	58.1	54.8	50.6
2018	10	113.4	110.3	65.6	28.4	27.2	25.6
2019	10	113.0	110.2	66.0	65.7	63.3	59.0

Tabel: 147 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	14	87.9	103.1	92.6	83.9	99.9	97.3	87.4	93.3	101.5
96.7	80.6									
1989	12	85.6	102.2	92.3	84.0	97.2	97.9	86.5	90.8	99.3
96.8	79.5									
1991	14	85.1	102.8	91.8	83.7	97.9	97.6	86.2	89.4	100.2
96.5	79.5									
1992	17	86.8	102.9	92.8	83.8	98.6	98.1	87.0	91.6	101.1
97.4	80.4									
1993	20	85.5	101.8	92.2	83.3	97.1	98.8	86.0	91.1	99.6
97.6	79.2									
1994	18	86.2	102.7	92.0	83.6	98.2	98.3	86.7	90.6	100.7
97.6	79.9									
1995	16	85.4	102.4	90.9	83.7	96.8	98.1	86.2	90.6	99.7
96.7	79.6									
1996	11	85.1	101.8	90.6	83.3	96.5	97.9	86.5	89.4	99.5
96.9	79.2									
1997	16	85.6	102.8	91.2	83.2	97.9	97.1	86.4	89.8	100.6
96.3	79.2									
1998	13	85.2	101.6	91.9	83.2	96.8	97.8	86.0	90.4	99.4
96.7	79.2									
1999	17	86.6	102.8	92.3	83.4	98.6	97.7	85.8	93.8	100.6
97.0	78.8									
2000	18	86.2	102.7	92.6	83.2	97.9	98.7	85.5	93.8	100.6
97.7	78.8									
2001	14	85.8	102.4	91.8	83.3	97.1	97.9	85.3	93.4	99.9
96.6	78.9									
2002	17	86.2	103.2	91.9	83.5	98.1	97.2	85.6	93.1	100.8
96.2	79.0									
2003	10	86.3	102.6	91.6	83.4	98.3	97.3	86.6	91.4	100.2
96.6	79.4									
2004	10	87.3	101.0	92.6	82.7	98.8	98.3	87.3	92.6	100.1
97.8	79.4									
2007	15	86.1	101.3	91.8	83.1	97.8	97.5	86.7	91.6	99.5
96.9	79.1									
2008	15	86.1	102.7	92.2	82.7	99.3	96.7	85.9	91.7	100.3
95.9	78.5									
2009	10	86.4	101.5	93.5	82.0	98.7	98.0	86.4	92.0	100.1
97.9	78.7									
2010	11	88.0	102.1	92.8	83.0	100.9	96.9	87.8	92.9	101.1
97.1	79.3									

Tabel: 148 Jersey: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
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1987	12	91.4	90.0	100.8
1989	11	92.6	90.7	98.8
1991	10	93.3	92.3	99.1
1992	16	92.3	90.9	100.7
1993	19	92.4	91.1	99.1
1994	21	92.4	91.0	99.4
1995	13	92.8	91.5	99.0
1996	10	93.1	91.5	99.3
1997	13	93.0	91.5	99.6
1998	13	92.7	91.3	99.5
1999	26	90.2	88.7	99.4
2000	15	91.0	89.6	100.0
2001	16	91.6	90.4	99.4
2002	19	91.5	90.1	99.6
2003	10	93.4	92.0	99.7
2004	18	90.9	89.2	100.3
2005	13	91.8	89.8	100.2
2006	14	90.9	88.9	100.3
2007	29	90.4	88.7	100.2
2008	27	90.4	88.6	100.1
2009	18	91.4	89.7	100.2
2010	25	91.8	89.8	100.6
2011	29	90.2	88.1	100.8
2012	22	91.4	89.7	100.8
2013	12	90.7	88.8	100.8

Tabel: 149 Jersey: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	37	-3043.9	-15439.0	-430.2	-470.0
2002	38	-2933.6	-14840.3	-410.3	-455.5
2003	39	-2850.2	-14567.7	-399.6	-440.2
2004	30	-2273.3	-12434.6	-293.3	-361.7
2005	33	-2367.9	-12985.0	-307.4	-375.7
2006	39	-1773.0	-10958.9	-187.2	-299.5
2007	51	-1567.0	-10412.2	-148.2	-271.1
2008	52	-1508.8	-10465.4	-136.1	-263.0
2009	52	-915.7	-8134.6	-29.2	-181.1
2010	59	-800.5	-7641.5	-13.0	-163.0
2011	48	-510.2	-6853.7	49.7	-126.9
2012	36	-420.3	-6759.5	71.2	-116.3
2013	91	-1031.6	-8965.5	-45.3	-198.3
2014	45	-863.1	-8703.9	-3.9	-179.7
2015	54	-649.5	-7561.6	15.2	-141.2
2016	45	-688.4	-7331.4	16.2	-151.9
2017	41	-516.0	-6833.8	25.3	-116.5

Tabel: 150 Jersey: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1993	12	95.8	95.8	105.2
1994	17	96.2	96.1	105.1
1999	15	96.6	95.9	107.3
2000	10	95.9	96.2	107.0
2002	13	96.0	95.8	107.2
2004	12	94.2	96.9	108.3
2007	18	95.4	95.4	108.3
2008	20	95.3	95.8	108.5
2009	13	95.2	95.8	109.4
2010	18	95.0	96.7	108.7
2011	15	94.9	96.2	108.6

Tabel: 151 Jersey: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	10	102.9	96.3	10	-8.3	279.6	0	0.0
1986	12	103.2	96.5	12	-7.6	262.1	0	0.0
1987	27	102.4	95.3	27	-8.8	318.3	0	0.0
1988	22	102.0	95.5	22	-7.1	218.9	0	0.0
1989	28	102.2	95.8	28	-9.2	320.8	0	0.0
1990	26	102.2	97.1	26	-7.3	228.1	0	0.0
1991	31	104.8	96.4	31	-8.5	311.1	0	0.0
1992	35	103.6	95.8	36	-8.3	301.1	0	0.0
1993	29	105.0	95.6	29	-8.8	348.3	0	0.0
1994	29	103.3	95.3	29	-8.3	340.2	0	0.0
1995	23	103.0	96.0	23	-8.5	344.7	0	0.0
1996	25	104.6	96.8	25	-9.0	362.6	0	0.0
1997	34	104.6	96.0	34	-9.1	365.6	0	0.0
1998	33	103.2	95.5	33	-8.8	361.7	0	0.0
1999	41	104.6	95.6	41	-8.0	337.0	0	0.0
2000	39	105.1	95.7	39	-7.2	299.0	0	0.0
2001	40	104.2	95.4	40	-8.4	348.1	9	58.3
2002	40	104.1	94.6	40	-8.1	340.4	9	57.9
2003	40	104.4	95.3	40	-7.9	328.6	5	59.4
2004	32	105.7	95.2	32	-8.4	371.0	9	58.6
2005	36	104.6	95.8	36	-8.2	350.5	3	57.0
2006	44	104.6	96.4	44	-8.4	360.3	8	57.8
2007	54	105.3	95.6	54	-7.7	338.0	11	58.9
2008	57	105.5	95.6	57	-7.8	341.5	11	59.1
2009	58	106.1	95.9	58	-7.1	315.3	7	58.3
2010	59	106.4	96.4	59	-7.2	327.2	13	58.9
2011	49	106.8	96.3	49	-7.2	325.6	6	58.8
2012	36	106.5	96.6	36	-7.1	323.9	3	57.0
2013	91	107.1	96.5	91	-7.0	302.9	7	57.7
2014	45	106.6	96.2	45	-6.9	306.9	2	64.5
2015	54	107.3	96.4	54	-6.5	289.4	1	72.0
2016	45	107.3	95.7	45	-6.6	299.0	5	65.2
2017	41	107.7	95.9	41	-6.8	311.3	2	66.0

Tabel: 152 Jersey: Stofwisselingsaandoeningen
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1987	12	99.8	0	0.0	0	0.0	12	95.8
1989	11	100.0	0	0.0	0	0.0	11	98.2
1991	14	99.9	0	0.0	0	0.0	14	97.6
1992	17	99.8	0	0.0	0	0.0	17	96.4
1993	24	100.0	0	0.0	0	0.0	24	97.2
1994	23	100.0	0	0.0	0	0.0	23	97.0
1995	19	99.9	0	0.0	0	0.0	19	97.6
1996	10	100.0	0	0.0	0	0.0	10	96.1
1997	19	99.9	0	0.0	0	0.0	19	97.4
1998	23	99.9	0	0.0	0	0.0	23	97.1
1999	23	100.0	0	0.0	0	0.0	23	97.1
2000	23	100.0	0	0.0	0	0.0	23	97.8
2001	21	100.0	0	0.0	0	0.0	21	97.2
2002	23	100.0	0	0.0	0	0.0	23	97.6
2003	19	100.0	0	0.0	0	0.0	19	98.8
2004	24	99.9	0	0.0	0	0.0	24	97.5
2005	24	100.0	0	0.0	0	0.0	24	98.6
2006	29	100.0	0	0.0	0	0.0	29	99.0
2007	51	100.0	0	0.0	0	0.0	51	99.3
2008	51	100.0	0	0.0	0	0.0	51	99.8
2009	54	100.0	0	0.0	0	0.0	54	99.6
2010	57	100.0	0	0.0	0	0.0	57	99.1
2011	43	100.0	0	0.0	0	0.0	43	100.0
2012	33	99.9	0	0.0	0	0.0	33	100.0
2013	88	100.0	0	0.0	0	0.0	88	100.3
2014	40	100.0	0	0.0	0	0.0	40	100.7
2015	47	100.0	0	0.0	0	0.0	47	99.1
2016	38	99.9	0	0.0	0	0.0	38	99.0
2017	31	100.0	0	0.0	0	0.0	31	100.1

Tabel: 153 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1992	11	101.1	103.9	100.5	102.3	99.8	96.3	94.1	101.5
1996	10	101.5	104.9	101.6	103.1	100.4	95.4	92.6	102.5
1997	10	102.0	103.7	101.1	102.5	100.4	96.0	92.6	102.0
2003	11	100.4	105.5	101.0	103.0	99.6	94.9	93.4	102.2

Tabel: 154 Verbeterd Roodbont: Vruchtbaarheidskenmerken
 Basis: Belgisch witblauw
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1994	10	98.2	102.6	98.7	100.9	98.0	101.6	109.3	99.8
1995	14	96.0	103.9	97.2	100.5	96.0	99.9	108.7	98.7
1997	11	97.5	103.1	98.2	100.7	97.2	100.8	108.4	99.6
1998	12	97.2	103.7	98.5	101.2	97.2	100.6	109.1	99.8
1999	15	97.8	102.8	97.7	100.4	97.3	100.2	105.6	98.8
2000	14	98.3	103.6	99.2	101.6	98.1	101.1	108.4	100.5
2002	16	98.1	103.1	98.7	101.1	98.1	101.6	108.6	99.9
2003	11	97.9	102.9	98.4	100.9	97.6	101.1	108.2	99.6
2004	10	98.0	102.9	98.8	101.2	97.8	100.0	108.3	100.0
2005	13	97.3	103.5	98.5	101.2	97.5	101.1	109.5	99.8
2007	10	98.7	101.7	98.2	100.0	97.8	100.7	107.6	99.0

Tabel: 155 Verbeterd Roodbont: Geboortekenmerken

Basis: Belgisch witblauw

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	10	114.6	104.0	76.6	40.2	38.9	42.5
2002	12	113.6	105.8	77.3	65.8	66.9	70.2

Tabel: 156 Verbeterd Roodbont: 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
2002	12	97.2	70.3	94.9	80.2	99.3	97.7	100.1	97.2	89.2	97.8	91.6

Tabel: 157 Witblauw Mixte: Melkproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-2190.2	-114.5	-89.1	-106.8	-40.6	-20.0	-14.2	-637.8
1983	11	-2667.5	-127.5	-103.7	-128.5	-22.3	-13.6	-15.5	-731.7
1984	15	-2377.9	-113.9	-94.4	-115.2	-18.7	-16.0	-14.5	-660.9
1985	27	-2361.5	-114.2	-93.0	-114.5	-21.1	-13.0	-14.5	-655.7
1986	27	-2408.6	-116.6	-95.1	-116.7	-23.4	-15.6	-14.7	-670.0
1987	36	-2305.2	-113.6	-94.1	-111.9	-26.4	-21.2	-14.4	-657.9
1988	31	-2213.6	-108.5	-91.3	-107.8	-22.1	-21.4	-14.4	-634.2
1989	32	-2209.6	-112.6	-92.0	-107.5	-33.7	-23.4	-14.1	-645.9
1990	52	-2251.1	-111.0	-91.3	-109.6	-25.0	-18.7	-14.5	-640.3
1991	63	-2495.9	-121.6	-100.4	-120.7	-25.2	-19.7	-15.1	-703.3

1992	61	-2374.3	-117.2	-95.9	-115.2	-27.6	-19.8	-14.7	-673.9
1993	84	-2373.7	-118.0	-95.3	-115.1	-29.9	-17.9	-14.8	-673.3
1994	116	-2297.5	-114.8	-92.1	-111.7	-29.6	-16.9	-14.5	-652.2
1995	109	-2185.2	-111.2	-88.8	-106.5	-32.4	-18.7	-14.0	-629.5
1996	140	-2103.5	-106.4	-86.0	-102.8	-29.4	-19.0	-14.0	-607.0
1997	130	-1991.7	-102.6	-83.2	-97.7	-31.1	-21.4	-13.7	-586.0
1998	145	-2080.8	-106.0	-84.8	-101.7	-30.5	-17.9	-13.9	-600.7
1999	134	-1917.0	-98.0	-80.0	-94.2	-27.8	-20.0	-13.3	-562.0
2000	164	-1890.2	-99.7	-80.3	-93.1	-34.2	-22.9	-13.5	-566.7
2001	160	-1922.8	-103.2	-81.0	-94.6	-38.6	-21.6	-13.6	-577.5
2002	152	-1954.1	-104.5	-82.2	-96.5	-38.3	-21.6	-14.7	-585.4
2003	187	-1907.7	-102.6	-80.8	-93.3	-38.7	-22.4	-12.3	-574.9
2004	218	-1872.5	-102.8	-79.9	-91.5	-42.1	-23.0	-11.9	-571.1
2005	250	-1809.3	-99.9	-77.6	-88.3	-41.6	-23.1	-10.8	-554.5
2006	263	-1874.3	-103.1	-79.4	-91.9	-42.9	-21.7	-12.7	-569.6
2007	248	-1826.8	-101.2	-78.3	-89.7	-43.1	-22.8	-12.3	-560.6
2008	292	-1903.7	-104.2	-79.4	-92.4	-42.4	-19.5	-10.9	-571.9
2009	261	-1863.4	-103.4	-77.9	-89.1	-44.6	-19.2	-7.8	-563.3
2010	317	-1783.3	-100.3	-76.5	-85.0	-44.8	-22.3	-6.6	-550.0
2011	336	-1851.1	-103.9	-78.4	-87.3	-46.7	-21.2	-4.9	-565.9
2012	363	-1793.7	-102.2	-77.0	-84.0	-47.8	-22.7	-3.2	-555.7
2013	344	-1673.6	-97.2	-73.3	-78.0	-47.5	-23.6	-2.1	-528.1
2014	328	-1641.6	-95.5	-72.7	-76.2	-46.3	-24.4	-1.5	-521.4
2015	292	-1625.7	-95.7	-72.4	-74.7	-48.5	-25.3	0.2	-520.2
2016	262	-1561.3	-93.1	-70.6	-71.4	-48.2	-26.2	0.9	-506.2
2017	175	-1570.4	-92.5	-70.4	-71.0	-46.3	-25.5	2.6	-504.3

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

Tabel: 158 Witblauw Mixte: Vruchtbaarheidsskenmerken
Basis: Dubbeloel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1982	10	100.8	105.2	101.1	103.2	100.5	93.8	86.9	102.4
1983	11	98.1	104.9	98.2	101.5	97.3	90.7	85.6	99.8
1984	16	99.5	103.9	98.9	101.4	98.2	91.8	86.2	100.2
1985	28	100.7	104.9	100.4	102.9	100.0	92.8	85.9	101.7
1986	29	99.0	104.9	99.0	102.2	98.4	91.7	85.8	100.7
1987	33	100.0	104.8	99.8	102.5	99.4	92.4	85.9	101.3
1988	32	100.2	104.6	99.8	102.3	99.4	92.0	85.2	101.2
1989	39	99.5	104.3	98.8	101.7	98.4	90.9	84.6	100.3
1990	59	100.2	104.7	99.8	102.5	99.4	91.8	84.8	101.2
1991	68	99.0	105.4	99.3	102.4	98.4	91.1	85.9	100.9
1992	73	100.0	105.3	99.9	103.0	99.4	92.2	85.7	101.6
1993	100	99.8	105.8	100.4	103.3	99.6	92.5	86.5	102.0
1994	130	100.4	105.7	100.9	103.5	100.2	92.8	86.0	102.4
1995	133	100.8	104.8	100.5	102.9	100.2	93.1	86.0	101.9
1996	150	100.9	105.1	100.9	103.4	100.5	93.5	86.5	102.3
1997	158	100.8	105.3	101.0	103.5	100.6	93.3	86.6	102.4
1998	161	101.4	105.2	101.5	103.7	101.2	93.5	86.2	102.8
1999	158	101.4	105.0	101.4	103.5	101.0	92.7	86.1	102.7
2000	190	101.3	105.0	101.3	103.4	100.9	93.0	86.6	102.5
2001	181	101.0	105.0	101.1	103.4	100.6	92.8	86.8	102.4
2002	177	101.0	105.2	101.4	103.6	100.9	93.3	87.1	102.7
2003	208	100.8	105.3	101.3	103.6	100.7	93.0	87.2	102.6

1997	130	-163.7	-586.0	61.1	104.6	102.4	0.0	0.0	0.0
0.0									
1998	145	-162.0	-600.7	86.0	105.0	102.8	0.0	0.0	0.0
0.0									
1999	134	-141.5	-562.0	91.1	104.7	102.7	0.0	0.0	0.0
0.0									
2000	164	-148.8	-566.7	87.4	104.5	102.5	0.0	0.0	0.0
0.0									
2001	160	-153.2	-577.5	100.0	104.0	102.4	0.0	0.0	0.0
0.0									
2002	152	-152.9	-585.4	95.6	104.1	102.7	0.0	0.0	0.0
0.0									
2003	187	-139.7	-574.9	126.8	104.2	102.6	0.0	0.0	0.0
0.0									
2004	218	-143.4	-571.1	124.2	104.1	102.4	0.0	0.0	0.0
0.0									
2005	250	-136.4	-554.5	139.4	103.7	102.8	0.0	0.0	0.0
0.0									
2006	263	-140.0	-569.6	133.5	103.5	103.1	0.0	0.0	0.0
0.0									
2007	248	-135.8	-560.6	113.8	103.6	103.5	0.0	0.0	0.0
0.0									
2008	292	-140.4	-571.9	119.1	103.5	103.1	0.0	0.0	0.0
0.0									
2009	261	-133.8	-563.3	111.0	103.9	103.6	0.0	0.0	0.0
0.0									
2010	317	-131.2	-550.0	98.3	104.1	103.4	0.0	0.0	0.0
0.0									
2011	336	-136.8	-565.9	102.0	103.5	103.7	0.0	0.0	0.0
0.0									
2012	363	-137.6	-555.7	88.8	103.4	103.8	0.0	0.0	0.0
0.0									
2013	344	-133.3	-528.1	61.6	103.8	103.6	106.0	94.0	0.0
0.0									
2014	328	-134.8	-521.4	84.7	103.3	103.5	0.0	0.0	0.0
0.0									
2015	292	-138.8	-520.2	69.8	103.1	103.5	0.0	0.0	0.0
0.0									
2016	262	-135.2	-506.2	72.1	103.4	103.2	0.0	0.0	0.0
0.0									
2017	175	-133.8	-504.3	89.7	103.2	103.4	0.0	0.0	0.0
0.0									

Tabel: 160 Witblauw Mixte: Geboortekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	11	72.3	106.5	127.1	10.3	8.4	7.6
1990	10	74.4	105.2	125.9	11.6	8.9	8.4
1992	12	78.4	104.8	121.8	38.8	30.3	27.6
1993	21	77.0	105.6	123.0	22.6	17.3	16.0
1994	20	78.7	105.5	121.4	53.0	40.8	37.6
1995	21	76.4	105.4	123.4	33.6	25.8	24.2

1996	41	77.4	105.0	121.9	51.6	39.7	37.0
1997	35	77.2	104.7	122.3	61.1	46.0	43.0
1998	45	77.5	105.0	122.0	66.0	50.1	46.4
1999	41	77.9	104.1	121.6	93.4	70.3	64.5
2000	75	78.1	104.7	121.4	74.2	57.1	52.2
2001	73	78.4	104.8	120.9	81.5	62.4	57.0
2002	73	77.9	105.0	121.6	95.1	72.5	66.7
2003	105	77.8	104.9	121.8	103.1	78.3	72.3
2004	130	78.0	104.5	121.7	95.4	73.1	67.3
2005	144	78.5	103.9	121.2	104.8	79.6	73.7
2006	160	78.6	104.4	121.2	105.0	79.4	73.3
2007	156	78.7	104.0	121.0	113.1	84.9	77.8
2008	170	78.2	104.4	121.8	107.8	81.8	75.3
2009	235	78.0	104.9	121.8	105.1	79.3	73.1
2010	294	77.8	104.5	121.8	110.0	82.7	76.2
2011	313	77.6	104.4	121.9	108.0	80.9	74.4
2012	342	77.6	104.6	121.8	110.9	83.1	76.1
2013	290	77.9	105.2	121.5	107.5	81.2	74.7
2014	363	78.5	104.8	120.8	107.3	80.8	74.5
2015	361	78.7	104.4	120.7	99.1	74.6	68.7
2016	304	78.6	104.5	120.8	89.7	68.0	62.6
2017	318	78.5	104.3	120.7	85.8	64.9	60.1
2018	275	79.0	104.6	120.3	73.3	55.3	51.3
2019	297	79.0	105.1	120.3	51.3	38.6	35.9
2020	38	79.1	104.5	120.4	28.4	21.4	19.8

Tabel: 161 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	107.4	132.5	100.6	120.0	110.7	105.7	101.8	102.8	122.7	108.7	111.8
2000	19	106.4	129.5	100.3	117.8	109.8	105.7	101.2	102.3	119.9	108.7	109.1
2001	31	108.0	133.1	99.8	122.3	108.5	105.1	102.9	103.1	122.2	108.6	112.7
2002	41	107.2	130.9	100.5	119.4	109.4	105.1	102.1	102.9	121.1	108.1	110.6
2003	80	107.4	131.2	100.7	119.0	110.3	105.3	102.0	102.9	121.3	108.1	110.4
2004	80	107.1	129.5	100.4	118.5	109.4	105.2	102.0	103.0	119.8	107.9	109.5
2005	85	106.7	129.0	100.3	117.8	109.5	104.8	101.8	102.8	119.2	107.6	108.7
2006	107	106.5	128.6	100.5	117.5	109.5	104.6	101.8	102.2	119.2	107.5	108.7
2007	88	107.9	130.1	100.6	118.5	111.0	104.7	102.9	102.4	120.7	108.1	109.8
2008	127	107.3	129.7	100.8	118.1	110.3	104.7	102.5	102.4	119.9	108.0	109.0

2009	122	107.1	130.2	101.5	118.5	110.3	105.5	101.9	102.4	121.2
		108.7	110.1							
2010	126	106.3	127.7	101.3	117.3	108.8	105.3	101.6	102.4	119.3
		108.5	109.0							
2011	141	106.0	128.5	101.5	117.9	108.6	105.4	101.3	102.0	119.8
		108.5	109.4							
2012	124	105.4	127.4	101.9	116.9	107.9	105.6	100.7	102.1	119.3
		108.8	108.7							
2013	76	105.4	126.7	101.2	116.9	107.4	105.2	101.0	101.8	118.8
		108.4	108.7							
2014	46	105.8	127.1	101.7	117.2	108.0	105.7	101.2	102.2	119.1
		108.9	109.0							
2015	20	105.8	125.5	101.5	116.5	106.8	104.8	101.3	102.7	118.0
		108.3	109.0							

Tabel: 162 Witblauw Mixte: Levensproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	134	-1926.9	-6292.1	-343.0	-273.5
2002	125	-1979.5	-6453.0	-352.3	-281.2
2003	162	-1842.5	-5936.2	-327.9	-261.8
2004	175	-1797.8	-5684.0	-322.7	-254.5
2005	207	-1638.7	-4976.0	-295.0	-232.1
2006	219	-1739.5	-5458.8	-314.9	-245.1
2007	213	-1791.3	-5603.0	-321.3	-253.8
2008	243	-1822.5	-5897.2	-330.9	-255.5
2009	202	-1812.1	-5759.3	-332.2	-252.6
2010	270	-1823.0	-5730.0	-330.6	-256.1
2011	304	-1880.5	-5963.8	-343.8	-262.6
2012	317	-1897.0	-5987.3	-346.8	-264.9
2013	288	-1879.5	-5889.9	-342.1	-263.3
2014	264	-1745.2	-5270.0	-316.0	-246.0
2015	223	-1824.0	-5608.0	-331.8	-255.9
2016	196	-1785.8	-5424.5	-324.4	-251.0
2017	122	-1746.7	-5357.2	-316.2	-245.8

Tabel: 163 Witblauw Mixte: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Eff	Int	Gewen
2013	17	89.6	98.1	103.3
2016	14	86.1	96.6	101.6
2017	10	86.1	95.3	100.6

Tabel: 164 Witblauw Mixte: Overige productie en efficiency kenm.
Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1982	10	101.0	96.9	0	0.0	0.0	0	0.0
1983	11	101.1	95.3	0	0.0	0.0	0	0.0
1984	15	100.8	95.6	0	0.0	0.0	0	0.0
1985	27	99.9	95.8	0	0.0	0.0	0	0.0
1986	27	99.1	96.0	0	0.0	0.0	0	0.0
1987	36	100.9	96.4	0	0.0	0.0	0	0.0
1988	31	99.8	95.7	0	0.0	0.0	0	0.0
1989	32	98.9	95.8	0	0.0	0.0	0	0.0
1990	52	99.5	95.7	0	0.0	0.0	0	0.0
1991	63	98.9	95.6	0	0.0	0.0	0	0.0
1992	61	98.1	96.0	0	0.0	0.0	0	0.0
1993	84	98.5	95.6	0	0.0	0.0	0	0.0
1994	116	98.0	95.6	0	0.0	0.0	0	0.0
1995	109	98.1	96.1	0	0.0	0.0	0	0.0
1996	140	98.4	96.3	0	0.0	0.0	0	0.0
1997	130	97.9	96.2	0	0.0	0.0	0	0.0
1998	145	97.5	95.6	0	0.0	0.0	0	0.0
1999	134	97.3	95.7	0	0.0	0.0	0	0.0
2000	164	97.7	95.9	0	0.0	0.0	0	0.0
2001	160	97.4	95.9	0	0.0	0.0	0	0.0
2002	152	97.9	96.4	0	0.0	0.0	0	0.0
2003	187	98.1	96.3	0	0.0	0.0	0	0.0
2004	218	97.6	96.3	0	0.0	0.0	0	0.0
2005	250	97.9	96.5	0	0.0	0.0	0	0.0
2006	263	97.7	96.4	0	0.0	0.0	0	0.0
2007	248	97.6	96.2	0	0.0	0.0	0	0.0
2008	292	97.5	96.5	0	0.0	0.0	0	0.0
2009	261	97.3	96.7	0	0.0	0.0	0	0.0
2010	317	98.2	96.6	0	0.0	0.0	0	0.0
2011	336	97.7	97.0	0	0.0	0.0	0	0.0
2012	363	98.1	97.2	0	0.0	0.0	0	0.0
2013	344	97.7	97.0	0	0.0	0.0	1	98.0
2014	328	98.2	97.4	0	0.0	0.0	0	0.0
2015	292	98.2	97.4	0	0.0	0.0	0	0.0
2016	262	98.3	97.5	0	0.0	0.0	0	0.0
2017	175	98.3	97.6	0	0.0	0.0	0	0.0

Tabel: 165 Witblauw Mixte: Stofwisselingsaandoeningen
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1989	11	100.0	0	0.0	0	0.0	11	97.7
1992	11	100.0	0	0.0	0	0.0	11	98.5
1993	16	100.0	0	0.0	0	0.0	16	96.9
1994	19	100.0	0	0.0	0	0.0	19	97.7
1995	23	100.0	0	0.0	0	0.0	23	97.1
1996	37	100.0	0	0.0	0	0.0	37	96.7
1997	27	99.9	0	0.0	0	0.0	27	96.6

1998	50	100.0	0	0.0	0	0.0	50	97.0
1999	46	100.0	0	0.0	0	0.0	46	97.6
2000	69	100.0	0	0.0	0	0.0	69	97.0
2001	77	100.0	0	0.0	0	0.0	77	97.0
2002	67	99.9	0	0.0	0	0.0	67	96.6
2003	99	100.0	0	0.0	0	0.0	99	96.4
2004	126	100.0	0	0.0	0	0.0	126	96.5
2005	135	99.9	0	0.0	0	0.0	135	96.7
2006	162	100.0	0	0.0	0	0.0	162	96.8
2007	172	99.9	0	0.0	0	0.0	172	96.9
2008	213	100.0	0	0.0	0	0.0	213	97.1
2009	215	100.0	0	0.0	0	0.0	215	97.2
2010	304	99.9	0	0.0	0	0.0	304	97.4
2011	337	100.0	0	0.0	0	0.0	337	97.9
2012	365	100.0	0	0.0	0	0.0	365	97.9
2013	340	100.0	0	0.0	0	0.0	340	97.8
2014	320	100.0	0	0.0	0	0.0	320	98.0
2015	283	100.0	0	0.0	0	0.0	283	98.0
2016	257	100.0	0	0.0	0	0.0	257	97.9
2017	178	100.0	0	0.0	0	0.0	178	97.9

Tabel: 166 Rood Dubbeldoel: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	21	-1960.0	-83.4	-76.7	-96.3	8.1	-10.0	-13.8	-518.6
1981	16	-1957.6	-87.9	-77.0	-96.1	-1.8	-11.0	-13.3	-529.1
1982	18	-1997.6	-84.3	-77.7	-97.9	10.3	-9.3	-13.5	-524.8
1983	46	-2109.5	-88.7	-80.2	-103.0	12.3	-5.1	-13.9	-545.9
1984	51	-2268.6	-94.4	-85.0	-110.3	16.4	-2.9	-14.3	-579.8
1985	63	-2300.4	-99.7	-86.7	-111.8	7.4	-3.9	-14.5	-598.3
1986	95	-2373.9	-100.5	-88.0	-115.1	13.5	-0.3	-14.5	-606.6
1987	139	-2295.7	-98.3	-86.2	-111.5	9.6	-3.2	-14.3	-593.4
1988	181	-2223.0	-94.5	-84.1	-108.2	11.3	-4.3	-14.2	-575.6
1989	173	-2176.0	-93.3	-83.4	-106.1	8.4	-6.9	-14.1	-569.9
1990	162	-2081.2	-88.7	-80.7	-101.8	9.5	-8.2	-13.9	-547.7
1991	129	-2006.4	-87.0	-79.3	-98.3	6.0	-11.5	-13.6	-537.4
1992	80	-2063.5	-86.9	-80.1	-100.9	12.9	-8.0	-13.8	-541.0
1993	67	-1964.2	-84.3	-77.3	-96.4	7.9	-10.0	-13.6	-523.0
1994	64	-1829.8	-78.7	-73.0	-90.3	7.1	-11.5	-13.3	-491.8
1995	58	-1848.4	-80.6	-74.6	-91.1	3.8	-13.8	-13.3	-502.5
1996	31	-2000.8	-80.9	-74.4	-98.1	19.2	-0.9	-13.6	-504.2
1997	29	-1901.8	-81.0	-73.3	-93.6	7.7	-6.8	-13.4	-499.0
1998	36	-1826.3	-82.4	-73.6	-90.1	-2.0	-13.2	-13.3	-502.0
1999	37	-1768.8	-80.1	-72.4	-87.5	-2.5	-15.2	-13.2	-491.3
2000	31	-1747.8	-78.4	-69.4	-86.5	-0.6	-10.3	-13.0	-475.1
2001	35	-1633.7	-72.5	-66.8	-81.4	0.7	-13.2	-12.9	-450.4
2002	40	-1716.7	-79.7	-69.6	-65.8	-6.2	-12.6	27.5	-472.3
2003	43	-1698.4	-79.9	-69.5	-54.9	-8.6	-14.1	50.3	-469.2
2004	47	-1492.6	-73.6	-65.5	-46.3	-13.9	-20.7	45.8	-437.1
2005	36	-1607.8	-77.1	-68.3	-50.6	-11.0	-18.4	48.5	-457.0
2006	61	-1463.7	-72.6	-63.8	-45.8	-14.8	-19.5	43.6	-428.0
2007	42	-1532.2	-77.6	-66.7	-48.3	-19.0	-20.6	45.6	-451.1
2008	46	-1408.8	-71.2	-62.5	-45.2	-16.6	-20.6	38.9	-419.2

2009	30	-1639.7	-82.8	-69.0	-53.7	-20.2	-17.6	45.8	-472.9
2010	28	-1408.4	-72.2	-63.5	-48.0	-18.7	-22.7	32.9	-426.5
2011	27	-1350.2	-72.3	-60.4	-41.8	-24.0	-20.8	40.3	-412.0
2012	32	-1476.1	-74.6	-63.4	-47.3	-17.3	-18.0	42.2	-430.9
2013	25	-1480.8	-68.6	-63.1	-43.6	-5.6	-17.1	49.8	-416.0
2014	23	-1377.3	-66.3	-59.8	-44.0	-9.9	-17.7	38.8	-397.7
2015	40	-1361.8	-69.8	-60.2	-42.0	-18.1	-19.4	41.4	-405.9
2016	25	-1403.2	-69.4	-59.6	-45.2	-13.5	-15.4	39.0	-404.0
2017	21	-1391.7	-63.9	-59.5	-39.3	-3.3	-16.2	49.5	-390.0

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

Tabel: 167 Rood Dubbeldoel: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	10	96.1	96.5	95.3	96.3	99.8	91.2	98.6
1986	13	95.9	95.0	94.5	96.0	98.7	92.2	99.5
1987	19	95.3	95.8	94.9	96.2	99.0	91.9	99.1
1988	24	96.2	96.4	95.6	96.6	99.0	91.2	101.0
1989	34	95.0	97.1	95.1	96.1	99.8	91.3	100.6
1990	43	96.3	96.0	95.0	96.2	99.4	91.6	101.3
1991	21	95.7	95.9	95.4	96.6	98.9	91.7	100.5
1992	15	96.0	97.2	95.1	95.9	100.8	91.3	100.8
1993	16	96.2	95.9	95.4	96.8	99.1	92.0	100.2
1994	16	95.7	98.4	95.7	95.9	101.2	90.9	101.0
1995	15	95.2	97.9	95.4	96.8	100.5	91.9	102.1
1998	12	96.6	96.2	95.2	97.0	99.8	93.6	99.7
1999	11	97.4	96.1	96.3	97.5	98.7	91.6	101.1
2001	10	97.2	96.9	96.3	97.0	99.6	92.4	100.9
2002	14	96.6	96.4	96.4	97.4	99.6	93.0	100.4

Tabel: 168 Rood Dubbeldoel: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1985	10	95.9	97.8	100.6	95.0	94.3
1986	13	94.8	98.2	99.2	93.4	92.9
1987	19	94.9	98.6	98.7	93.6	93.4
1988	24	95.3	98.2	99.7	94.0	93.6
1989	34	94.4	99.1	98.7	93.5	92.7
1990	43	94.7	97.9	99.9	93.6	93.0
1991	21	94.9	97.8	100.0	93.7	93.3
1992	15	95.0	98.5	100.3	94.1	93.4
1993	16	94.1	98.4	99.2	93.2	92.4
1994	16	94.6	97.7	100.3	93.7	92.6
1995	15	94.6	99.4	99.3	93.7	92.9
1998	12	96.4	98.0	100.8	94.8	94.7
1999	11	96.1	96.9	101.3	94.5	94.2
2001	10	96.1	96.7	101.8	94.5	94.4
2002	14	97.1	96.1	102.4	94.9	95.1

Tabel: 169 Rood Dubbeldoel: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	10	97.6	93.7	103.2	99.8	95.9	98.3	94.6
1986	13	97.2	92.1	103.9	99.2	96.4	98.0	93.8
1987	19	97.1	93.5	102.8	99.6	95.9	98.2	94.4
1988	24	96.6	93.4	103.5	98.9	95.4	98.5	94.4
1989	34	97.2	93.0	104.2	99.4	95.3	97.8	93.7
1990	43	97.7	92.9	104.0	99.6	95.7	97.7	93.9
1991	21	97.2	94.6	103.7	98.5	96.0	97.8	94.5
1992	15	96.7	92.5	105.4	99.2	95.1	98.7	94.5
1993	16	96.6	91.6	105.2	99.4	95.5	97.2	92.8
1994	16	96.7	92.4	104.9	99.0	95.6	98.4	94.0
1995	15	96.3	92.1	104.7	98.7	95.1	97.3	93.5
1998	12	96.1	94.2	102.9	99.7	95.8	99.2	95.2
1999	11	97.4	94.7	103.4	99.9	96.1	99.1	95.5
2001	10	97.4	95.0	103.2	100.7	95.8	98.8	95.5
2002	14	97.9	96.4	103.1	100.1	96.4	99.4	96.1

Tabel: 170 Rood Dubbeldoel: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	10	91.9	97.0	97.8	94.2	98.9	92.9
1986	13	92.1	95.9	97.6	92.5	97.8	91.8
1987	19	92.2	96.4	97.6	92.9	98.1	92.0
1988	24	93.2	97.5	97.1	93.3	98.0	92.5
1989	34	93.1	97.4	97.2	92.4	98.1	92.0
1990	43	93.3	97.2	97.4	92.6	98.3	92.3
1991	21	93.0	97.0	97.1	92.9	98.1	92.1
1992	15	93.3	97.9	96.9	93.1	99.3	92.5
1993	16	93.0	97.1	96.9	92.0	97.7	91.5
1994	16	93.8	98.4	96.9	92.2	99.3	92.2
1995	15	94.3	98.7	96.5	92.7	98.7	92.3
1998	12	93.4	97.7	97.3	94.5	98.6	93.2
1999	11	93.4	97.7	97.7	93.8	97.7	93.2
2001	10	93.9	98.1	98.1	94.0	98.4	93.7
2002	14	94.1	98.3	98.3	94.6	98.6	94.1

Tabel: 171 Rood Dubbeldoel: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	93	98.5	105.6	100.5	102.6	98.8	96.9	94.3	101.8

1981	47	97.7	106.1	99.9	102.7	98.5	95.8	93.3	101.5
1982	76	98.8	105.0	99.7	102.3	99.4	96.3	91.6	101.1
1983	108	99.4	105.9	101.1	103.4	100.2	96.6	92.4	102.4
1984	108	99.3	104.7	99.5	102.2	99.7	96.2	90.9	101.0
1985	122	98.9	105.1	99.3	102.2	99.3	95.7	90.4	100.9
1986	147	98.8	104.6	99.0	101.8	99.1	95.6	90.6	100.5
1987	177	98.2	105.0	98.9	101.9	98.8	95.2	90.9	100.5
1988	228	99.2	104.6	99.5	102.1	99.5	96.3	91.0	100.9
1989	238	99.2	105.3	100.0	102.6	99.9	95.9	91.2	101.4
1990	209	99.0	104.6	99.4	101.9	99.4	95.8	90.9	100.7
1991	168	99.4	104.5	99.8	102.2	99.9	96.2	91.2	101.1
1992	115	98.9	104.9	99.6	102.2	99.5	95.9	91.2	101.0
1993	92	99.4	104.3	99.5	101.9	99.7	96.3	90.9	100.8
1994	81	99.4	104.0	99.3	101.8	99.7	96.5	91.2	100.6
1995	71	100.2	104.4	100.3	102.5	100.7	96.9	91.8	101.5
1996	45	100.2	104.6	100.5	102.7	100.9	96.7	91.2	101.7
1997	36	99.5	103.6	99.1	101.5	99.6	96.1	90.9	100.2
1998	42	99.6	103.8	99.3	101.6	99.8	96.1	91.3	100.5
1999	43	99.8	104.0	99.5	101.9	100.1	96.3	91.2	100.8
2000	33	99.3	103.8	99.0	101.5	99.8	95.6	90.8	100.1
2001	39	99.4	104.5	99.5	102.1	100.0	95.8	91.5	100.9
2002	48	99.1	104.7	99.6	102.4	99.9	95.6	91.7	101.0
2003	53	99.4	104.2	99.3	101.8	99.9	96.1	91.0	100.7
2004	65	99.0	103.8	98.7	101.4	99.4	96.0	91.4	100.0
2005	61	98.8	104.0	98.8	101.4	99.4	95.6	90.9	100.1
2006	67	99.4	103.6	99.0	101.4	99.7	96.1	91.3	100.1
2007	58	99.1	103.6	98.7	101.1	99.3	95.5	91.2	99.8
2008	62	99.7	103.1	99.1	101.1	99.8	95.9	91.3	100.1
2009	48	99.6	103.6	99.3	101.4	99.9	95.8	91.9	100.4
2010	43	99.3	104.3	99.7	101.9	99.9	95.7	91.7	100.9
2011	45	99.4	103.8	99.4	101.6	99.8	95.9	92.0	100.6
2012	54	98.6	104.2	99.3	101.6	99.3	96.0	93.5	100.5
2013	46	99.8	103.2	99.3	101.2	99.7	96.3	92.3	100.3
2014	38	98.8	104.0	99.2	101.5	99.4	95.6	92.4	100.3
2015	63	99.3	103.4	99.0	101.1	99.6	95.8	92.9	100.1
2016	32	99.2	103.9	99.4	101.6	99.9	96.2	93.6	100.5
2017	34	98.9	104.2	99.3	101.6	99.6	95.7	93.0	100.5

Tabel: 172 Rood Dubbeldoel: Gebruikskennmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	11	96.3	0.0	92.5	102.1	104.1
1987	13	96.0	0.0	93.3	103.2	105.2
1988	20	95.5	4.9	92.7	102.4	103.9
1989	30	95.6	3.2	92.9	102.7	104.3
1990	34	95.3	0.0	92.3	102.1	103.1
1991	17	94.8	0.0	92.5	102.0	104.5
1992	10	95.3	0.0	92.0	102.0	103.1
1993	12	96.6	8.1	92.6	102.4	103.5
1994	16	94.8	73.4	92.2	102.4	103.8
1995	15	96.1	91.6	93.1	102.0	104.9
1998	12	96.3	72.6	92.1	101.3	103.7
1999	11	95.7	97.2	92.8	101.6	104.2

2002	40	-202.6	-472.3	-458.9	103.1	101.0	98.3	94.6	0.0
69.1									
2003	43	-207.6	-469.2	-510.7	102.6	100.7	98.0	95.5	0.0
76.8									
2004	47	-187.5	-437.1	-459.2	103.6	100.0	0.0	0.0	0.0
70.2									
2005	36	-204.6	-457.0	-500.1	102.5	100.1	0.0	0.0	0.0
70.4									
2006	61	-192.3	-428.0	-501.0	103.3	100.1	99.0	92.0	0.0
68.0									
2007	42	-184.8	-451.1	-466.6	103.7	99.8	97.0	93.0	0.0
62.7									
2008	46	-175.5	-419.2	-443.4	103.4	100.1	98.0	94.0	0.0
62.6									
2009	30	-206.6	-472.9	-484.2	102.8	100.4	0.0	0.0	0.0
71.0									
2010	28	-179.0	-426.5	-378.9	104.4	100.9	100.0	93.0	0.0
64.9									
2011	27	-164.0	-412.0	-413.2	103.1	100.6	0.0	0.0	0.0
50.0									
2012	32	-176.8	-430.9	-510.5	103.3	100.5	102.0	95.0	0.0
54.5									
2013	25	-170.6	-416.0	-526.3	104.6	100.3	0.0	0.0	0.0
52.0									
2014	23	-155.4	-397.7	-426.7	104.0	100.3	0.0	0.0	0.0
53.4									
2015	40	-168.9	-405.9	-474.4	103.6	100.1	0.0	0.0	0.0
56.6									
2016	25	-165.7	-404.0	-475.0	103.6	100.5	0.0	0.0	0.0
56.2									
2017	21	-146.7	-390.0	-352.9	104.3	100.5	0.0	0.0	0.0
73.3									

Tabel: 174 Rood Dubbeldoel: Geboortekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1983	18	78.7	107.2	128.2	53.7	46.7	49.8
1984	28	80.8	105.1	125.5	42.1	37.0	38.3
1985	32	78.8	106.5	127.7	77.5	67.8	70.0
1986	45	78.9	107.3	127.5	87.5	77.6	82.2
1987	76	78.6	106.5	127.9	92.7	81.0	84.7
1988	117	78.0	108.1	128.3	86.7	75.7	78.3
1989	102	77.0	106.8	130.2	83.6	73.0	76.8
1990	113	79.0	107.2	127.2	77.4	67.8	72.1
1991	70	82.7	105.7	122.9	87.0	76.9	80.3
1992	56	82.1	106.2	124.2	71.7	63.8	68.7
1993	43	77.8	106.7	128.8	61.3	55.0	58.9
1994	22	79.5	106.0	126.6	90.8	82.3	87.7
1995	16	81.8	105.2	124.4	92.9	82.1	85.4
1996	10	80.0	105.8	126.5	105.6	93.6	98.3
1998	16	80.8	104.7	125.2	85.5	76.1	81.3
1999	22	81.5	105.0	124.5	95.9	85.4	91.3

Tabel: 176 Rood Dubbeldoel: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36	-4020.5	-15997.4	-678.2	-580.4
2002	40	-4228.5	-16649.0	-716.4	-604.3
2003	43	-4491.0	-17650.2	-761.0	-638.9
2004	47	-4157.8	-16118.1	-702.0	-594.2
2005	36	-4411.6	-17227.4	-746.1	-629.1
2006	61	-4329.8	-16842.5	-733.6	-617.5
2007	40	-4224.6	-16358.6	-717.3	-602.0
2008	45	-4034.6	-15580.7	-683.3	-576.7
2009	30	-4359.5	-16904.3	-744.6	-618.8
2010	28	-3725.2	-14211.4	-629.6	-534.4
2011	27	-3870.6	-14818.8	-661.3	-550.5
2012	32	-4389.0	-17074.5	-748.8	-623.5
2013	25	-4439.4	-17426.8	-748.8	-633.5
2014	23	-3909.7	-15215.5	-659.5	-559.6
2015	40	-4168.5	-16167.9	-710.3	-592.9
2016	25	-4154.8	-16245.1	-706.5	-591.5
2017	21	-3541.4	-13805.5	-590.6	-509.3

Tabel: 177 Rood Dubbeldoel: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	21	100.2	95.5	0	0.0	0.0	0	0.0
1981	16	100.3	95.7	0	0.0	0.0	0	0.0
1982	18	99.7	96.3	0	0.0	0.0	0	0.0
1983	46	99.9	95.3	0	0.0	0.0	0	0.0
1984	51	99.3	95.9	0	0.0	0.0	0	0.0
1985	63	99.9	96.4	63	-5.3	79.1	0	0.0
1986	95	99.5	95.8	95	-5.4	85.0	0	0.0
1987	139	99.2	95.7	139	-5.0	62.9	0	0.0
1988	181	99.0	95.9	181	-5.0	71.1	0	0.0
1989	173	99.9	96.6	173	-4.8	61.9	0	0.0
1990	162	100.0	96.9	162	-4.8	70.7	0	0.0
1991	129	99.1	96.7	129	-4.6	67.0	0	0.0
1992	80	100.3	97.7	80	-4.5	60.7	0	0.0
1993	67	99.6	97.5	69	-4.6	73.5	0	0.0
1994	64	100.0	96.8	64	-4.2	59.7	0	0.0
1995	58	99.4	95.7	58	-4.2	55.6	0	0.0
1996	31	98.8	95.8	31	-4.2	55.7	0	0.0
1997	29	100.4	96.4	29	-4.3	60.6	0	0.0
1998	36	99.9	96.9	36	-4.4	65.5	0	0.0
1999	37	100.2	96.9	37	-4.2	58.0	0	0.0
2000	31	100.4	96.4	31	-4.0	51.1	0	0.0
2001	35	101.3	96.4	35	-3.9	56.9	10	96.3
2002	40	100.9	97.0	40	-4.1	69.1	14	96.0
2003	43	100.5	96.5	43	-4.2	76.8	2	94.0
2004	47	100.8	96.7	47	-3.8	70.2	0	0.0
2005	36	101.1	97.1	36	-3.9	70.4	0	0.0

2006	61	101.3	96.7	61	-3.7	68.0	1	99.0
2007	42	102.1	96.8	42	-3.8	62.7	1	95.0
2008	46	102.0	97.6	46	-3.6	62.6	1	95.0
2009	30	101.9	97.1	30	-4.1	71.0	0	0.0
2010	28	102.6	96.6	28	-3.7	64.9	1	95.0
2011	27	102.2	98.1	27	-3.3	50.0	0	0.0
2012	32	102.5	97.9	32	-3.5	54.5	1	94.0
2013	25	102.4	97.6	25	-3.3	52.0	0	0.0
2014	23	102.0	96.9	23	-3.3	53.4	0	0.0
2015	40	102.1	97.6	40	-3.4	56.6	0	0.0
2016	25	101.7	96.9	25	-3.4	56.2	0	0.0
2017	21	101.3	96.8	21	-3.5	73.3	0	0.0

Tabel: 178 Rood Dubbeldoel: Stofwisselingsaandoeningen
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1999	12	100.0	0	0.0	0	0.0	12	99.5
2002	14	100.0	0	0.0	0	0.0	14	99.6
2004	19	100.0	0	0.0	0	0.0	19	100.1
2006	26	100.0	0	0.0	0	0.0	26	99.6
2007	23	100.0	0	0.0	0	0.0	23	99.5
2008	21	100.0	0	0.0	0	0.0	21	100.1
2009	23	100.0	0	0.0	0	0.0	23	101.1
2010	27	100.0	0	0.0	0	0.0	27	100.1
2011	25	100.0	0	0.0	0	0.0	25	100.8
2012	32	100.0	0	0.0	0	0.0	32	99.4
2013	25	100.0	0	0.0	0	0.0	25	99.0
2014	20	100.0	0	0.0	0	0.0	20	99.8
2015	35	100.0	0	0.0	0	0.0	35	100.2
2016	16	100.0	0	0.0	0	0.0	16	101.2
2017	19	100.0	0	0.0	0	0.0	19	100.1

Tabel: 179 Witrood: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	593	-1835.3	-79.5	-73.1	-90.5	4.6	-11.7	-13.2	-493.9
1981	651	-1956.9	-84.9	-76.9	-96.1	4.7	-10.6	-13.5	-522.6
1982	685	-1932.2	-83.1	-76.8	-95.0	6.6	-12.3	-13.5	-518.1
1983	500	-1975.8	-84.8	-79.6	-97.0	7.2	-14.9	-13.6	-533.3
1984	492	-2040.3	-88.7	-81.6	-99.9	5.4	-14.3	-13.7	-550.8
1985	777	-1992.5	-87.9	-79.3	-97.7	2.5	-12.7	-13.6	-539.2
1986	1200	-2021.1	-87.9	-79.7	-99.0	5.2	-11.1	-13.7	-541.0
1987	2324	-1976.7	-85.5	-78.3	-97.0	6.0	-11.6	-13.6	-530.0
1988	3293	-1914.2	-83.8	-77.0	-94.2	3.9	-13.3	-13.5	-519.8
1989	3395	-2033.5	-87.4	-79.8	-99.6	8.4	-10.1	-13.8	-540.7
1990	3794	-1917.8	-83.7	-77.1	-94.3	5.1	-13.0	-13.5	-520.0

1991	4290	-1828.8	-80.5	-73.8	-90.2	3.0	-13.0	-13.3	-498.9
1992	4192	-1775.3	-79.2	-72.6	-87.8	0.5	-14.5	-13.2	-490.2
1993	4077	-1683.4	-76.4	-69.8	-83.6	-2.1	-15.5	-13.0	-471.6
1994	3695	-1659.9	-73.9	-68.4	-82.5	0.6	-14.5	-12.9	-460.6
1995	2870	-1514.5	-67.6	-64.0	-75.9	0.3	-16.0	-12.7	-427.2
1996	1222	-1496.5	-67.4	-63.4	-75.1	-0.9	-16.1	-12.6	-424.1
1997	570	-1409.8	-66.5	-60.4	-71.1	-6.1	-16.2	-12.5	-408.8
1998	403	-1363.0	-63.2	-59.1	-69.0	-4.1	-16.8	-12.4	-395.5
1999	359	-1252.7	-60.1	-55.7	-63.9	-7.6	-17.7	-12.2	-373.5
2000	306	-1215.1	-59.3	-55.0	-62.2	-9.2	-18.9	-12.2	-368.8
2001	295	-1100.9	-55.6	-51.7	-56.8	-11.1	-20.2	-11.6	-346.0
2002	226	-1173.3	-57.6	-53.4	-57.3	-9.1	-18.5	-6.3	-357.2
2003	169	-1078.4	-57.7	-51.2	-42.9	-17.0	-20.7	13.0	-344.0
2004	209	-1124.5	-57.7	-51.6	-45.6	-13.3	-18.3	12.1	-346.4
2005	241	-1161.9	-61.3	-52.9	-48.3	-17.2	-18.3	10.2	-360.2
2006	247	-1068.0	-57.4	-49.7	-44.4	-16.9	-18.2	9.1	-337.7
2007	252	-1048.7	-59.7	-49.8	-43.7	-23.0	-19.9	8.7	-342.8
2008	237	-1037.3	-59.3	-49.7	-43.2	-23.2	-20.3	8.7	-341.4
2009	251	-950.4	-56.1	-46.2	-41.8	-24.8	-19.7	3.9	-319.7
2010	236	-924.4	-56.5	-45.4	-41.6	-27.2	-19.9	2.1	-317.1
2011	241	-993.2	-58.3	-47.5	-43.2	-25.4	-19.4	4.8	-330.0
2012	245	-983.1	-57.2	-46.7	-41.8	-24.0	-18.4	6.5	-323.9
2013	266	-1047.5	-60.2	-49.1	-45.3	-24.6	-19.1	5.6	-341.3
2014	269	-1024.0	-60.5	-49.0	-44.1	-27.3	-20.1	5.9	-341.2
2015	254	-1072.6	-61.5	-50.7	-45.2	-25.0	-20.2	8.1	-350.7
2016	265	-1021.9	-60.0	-49.8	-41.1	-26.0	-21.8	11.3	-342.7
2017	137	-994.4	-57.3	-47.5	-41.0	-23.4	-19.4	9.0	-327.3

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

Tabel: 180 Witrood: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	40	95.3	95.4	96.6	96.6	97.8	91.2	97.3
1981	95	94.7	96.5	96.4	96.4	99.5	92.3	97.2
1982	143	95.6	94.1	95.3	96.3	97.2	91.5	95.4
1983	110	95.4	96.2	96.2	96.5	100.2	90.8	96.5
1984	102	97.4	96.1	97.2	98.2	100.0	93.5	99.0
1985	223	97.1	96.5	96.8	97.8	100.6	92.8	98.7
1986	290	97.5	96.9	97.4	98.3	101.0	93.1	99.4
1987	502	97.3	97.1	97.5	98.4	100.9	93.5	99.8
1988	676	96.8	97.1	97.2	98.2	101.2	93.4	99.1
1989	779	97.1	97.1	97.3	98.0	101.3	93.3	99.2
1990	1143	97.7	97.2	97.3	98.1	101.6	93.8	99.3
1991	1337	97.9	97.2	97.1	98.3	101.6	94.4	99.4
1992	1348	97.8	97.3	97.4	98.3	101.7	94.0	99.7
1993	1345	97.6	97.6	97.5	98.3	101.9	93.7	99.6
1994	1118	98.1	98.1	97.9	98.7	102.2	94.1	100.4
1995	779	98.7	97.6	98.1	99.0	101.8	94.2	100.4
1996	249	98.3	98.7	98.4	98.7	102.9	93.9	100.5
1997	103	98.4	97.7	98.8	99.3	101.5	93.4	100.7
1998	43	98.6	98.6	98.4	99.1	102.6	94.4	100.7
1999	27	98.3	97.4	97.7	98.9	102.0	94.5	100.2
2000	24	98.7	97.2	98.3	99.4	101.7	94.3	100.7

2001	19	100.9	97.7	100.6	101.4	100.6	94.6	101.5
2003	10	99.6	96.9	98.7	99.8	100.7	94.3	101.1
2005	11	101.5	97.7	100.5	101.4	101.1	94.2	102.5
2006	12	101.8	97.5	100.6	101.7	100.4	94.4	102.6

Tabel: 181 Witrood: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	40	93.6	98.4	96.9	92.8	91.6
1981	95	94.3	100.4	97.3	93.8	92.1
1982	143	93.9	98.0	97.8	92.5	91.3
1983	110	95.1	99.5	98.0	94.4	92.5
1984	102	96.0	100.4	99.6	96.2	93.6
1985	223	96.4	101.4	99.2	96.1	93.8
1986	290	96.8	101.6	99.4	96.8	94.3
1987	502	96.5	101.0	100.4	96.8	94.0
1988	676	96.2	101.6	99.9	96.7	93.6
1989	779	96.3	101.8	99.4	96.3	93.7
1990	1143	96.1	101.4	100.6	96.4	93.2
1991	1337	96.2	101.3	100.6	96.5	93.4
1992	1348	96.3	101.7	99.9	96.5	93.7
1993	1345	96.2	102.3	99.5	96.3	93.4
1994	1118	96.3	102.4	99.7	96.4	93.5
1995	779	96.3	101.8	100.1	96.3	93.7
1996	249	96.0	102.6	99.8	96.3	93.4
1997	103	95.7	104.0	98.1	95.7	93.0
1998	43	96.0	103.5	98.6	96.4	93.4
1999	27	96.0	102.9	99.1	96.4	93.6
2000	24	95.8	103.9	98.1	96.0	93.5
2001	19	97.1	102.9	99.6	96.6	94.4
2003	10	96.4	102.8	99.6	95.9	93.3
2005	11	97.5	103.5	99.2	96.8	95.3
2006	12	97.0	103.7	98.7	96.6	94.7

Tabel: 182 Witrood: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	40	97.2	93.3	101.1	99.7	94.5	95.8	93.2
1981	95	96.7	92.7	101.7	98.0	92.9	94.2	92.7
1982	143	97.1	93.2	100.9	99.7	94.1	96.4	93.6
1983	110	96.3	92.9	100.7	98.8	93.1	95.2	93.6
1984	102	97.1	93.5	101.7	100.0	93.0	95.3	94.2
1985	223	97.1	93.7	101.9	100.1	92.7	95.4	94.4
1986	290	98.0	93.3	103.0	100.6	92.9	94.9	93.9
1987	502	97.9	93.0	102.9	100.4	92.9	94.7	93.6
1988	676	97.5	93.5	103.3	99.7	93.0	94.9	94.1
1989	779	97.8	93.0	103.7	100.2	92.9	94.7	93.6
1990	1143	97.8	92.8	103.1	100.6	92.6	94.8	93.9

1991	1337	97.7	92.9	102.4	100.9	92.2	94.8	94.0
1992	1348	97.4	93.2	102.7	100.5	92.2	94.9	94.1
1993	1345	97.4	93.5	102.5	99.9	92.3	95.2	94.2
1994	1118	98.2	93.5	102.4	100.8	92.1	94.8	93.9
1995	779	98.1	93.5	102.4	101.2	92.4	94.7	94.1
1996	249	97.9	93.1	102.8	100.7	92.0	94.6	93.7
1997	103	97.8	93.4	103.4	99.5	93.5	95.0	93.9
1998	43	97.6	93.8	102.0	100.1	91.1	94.3	94.1
1999	27	98.1	94.3	102.6	100.5	92.7	95.4	95.2
2000	24	97.7	94.6	102.8	99.8	93.2	95.2	95.1
2001	19	97.9	94.6	102.3	101.1	92.6	95.4	95.0
2003	10	98.5	94.5	100.8	101.2	94.3	96.9	96.7
2005	11	96.9	95.1	102.4	100.7	91.6	96.4	96.1
2006	12	98.4	95.3	101.8	102.1	92.7	95.8	95.5

Tabel: 183 Witrood: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	40	91.3	95.9	96.7	91.0	97.6	90.2
1981	95	92.1	96.9	95.1	91.8	98.9	90.2
1982	143	89.6	94.2	96.7	90.8	96.4	89.3
1983	110	90.8	97.1	95.3	92.3	98.7	90.2
1984	102	93.9	98.8	95.9	93.7	99.3	92.5
1985	223	93.3	98.9	95.8	94.0	99.4	92.4
1986	290	94.2	99.7	96.4	94.6	99.9	93.4
1987	502	94.7	99.9	96.2	94.3	99.9	93.4
1988	676	94.1	99.8	95.9	93.9	99.9	92.8
1989	779	94.2	99.6	96.1	93.9	100.1	92.9
1990	1143	94.5	99.9	96.1	93.6	100.3	92.9
1991	1337	94.8	100.0	96.0	93.8	100.3	93.1
1992	1348	94.9	100.2	95.8	94.0	100.4	93.1
1993	1345	94.8	100.4	95.7	93.7	100.5	92.9
1994	1118	95.7	101.1	96.2	93.8	100.7	93.6
1995	779	95.7	101.1	96.3	94.1	100.1	93.8
1996	249	96.0	101.7	95.9	93.7	101.1	93.5
1997	103	95.7	101.1	96.1	92.7	99.9	93.0
1998	43	96.4	101.8	95.1	93.4	100.9	93.2
1999	27	95.6	100.9	96.3	93.8	99.9	93.5
2000	24	95.9	101.1	96.0	93.4	100.0	93.3
2001	19	97.4	102.1	96.4	94.4	99.7	94.6
2003	10	96.0	100.7	97.4	93.5	99.2	93.9
2005	11	97.5	102.5	95.5	95.3	100.1	94.8
2006	12	97.4	102.2	97.1	94.3	99.3	94.9

Tabel: 184 Witrood: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2191	102.2	103.9	102.6	102.7	100.7	100.8	95.8	102.9

1981	2109	102.1	103.3	101.6	102.0	100.4	101.0	93.9	102.1
1982	1814	103.5	102.5	102.0	102.1	101.3	100.1	93.2	102.3
1983	1153	103.2	102.9	101.9	102.3	101.4	100.8	93.2	102.3
1984	1012	103.2	103.3	102.0	102.6	101.7	101.1	92.9	102.5
1985	1390	103.1	103.3	101.9	102.5	101.7	100.7	92.5	102.4
1986	1792	103.4	103.0	101.8	102.3	101.8	100.5	91.9	102.3
1987	2719	103.2	103.2	102.0	102.5	101.8	99.8	92.4	102.5
1988	3713	103.4	102.8	101.8	102.2	101.7	99.5	92.2	102.2
1989	4019	103.4	102.9	101.8	102.3	101.7	99.5	91.8	102.2
1990	4428	103.5	103.2	102.2	102.6	102.1	99.8	92.1	102.6
1991	4992	103.7	103.3	102.5	102.9	102.4	100.1	92.7	102.9
1992	4894	103.6	103.2	102.3	102.8	102.3	100.4	92.7	102.8
1993	4844	103.9	102.8	102.4	102.6	102.5	100.4	92.4	102.7
1994	4528	103.8	102.9	102.4	102.7	102.4	99.9	92.5	102.8
1995	3412	103.3	103.0	102.1	102.6	102.2	99.9	92.8	102.6
1996	1467	103.0	102.9	101.9	102.4	101.8	99.4	92.9	102.3
1997	672	102.3	102.8	101.4	102.0	101.1	98.6	93.2	101.9
1998	466	102.8	102.8	101.7	102.2	101.6	99.2	93.2	102.2
1999	418	102.6	103.0	101.9	102.4	101.6	99.1	93.7	102.3
2000	353	102.7	103.2	102.1	102.7	101.9	99.4	93.6	102.6
2001	331	102.6	103.3	102.2	102.8	101.9	99.8	94.2	102.7
2002	265	102.8	103.1	102.2	102.6	102.0	99.9	93.9	102.6
2003	202	102.5	103.3	102.1	102.7	101.9	99.5	94.1	102.6
2004	235	102.8	103.1	102.2	102.6	102.0	99.3	93.8	102.6
2005	291	102.7	103.0	102.0	102.4	101.8	99.1	93.8	102.4
2006	307	102.4	103.0	101.8	102.3	101.5	98.6	93.9	102.2
2007	329	102.8	102.7	102.1	102.2	101.9	99.0	93.3	102.3
2008	328	102.8	102.1	101.7	101.6	101.8	98.9	92.3	101.8
2009	352	102.1	101.9	101.1	101.1	100.9	98.1	92.6	101.2
2010	370	102.7	101.8	101.5	101.3	101.5	98.7	92.9	101.5
2011	377	102.5	101.5	101.2	101.0	101.2	98.3	92.5	101.2
2012	360	102.4	101.9	101.2	101.3	101.2	98.2	92.8	101.4
2013	386	102.5	102.2	101.6	101.6	101.5	98.2	92.8	101.8
2014	361	102.3	102.2	101.4	101.6	101.3	98.4	93.1	101.7
2015	317	102.2	102.4	101.5	101.8	101.3	98.4	93.3	101.8
2016	319	102.6	102.4	101.8	101.9	101.7	98.8	93.3	102.0
2017	202	102.4	102.3	101.7	101.7	101.6	98.4	93.1	101.9
2018	45	102.8	102.4	102.1	102.2	102.0	99.5	93.2	102.3

Tabel: 185 Witrood: Gebruikskennmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	96.0	0.0	94.5	104.0	105.2
1981	97	95.8	3.1	92.0	102.1	103.5
1982	144	96.9	1.4	94.2	104.6	105.9
1983	108	95.4	1.8	94.7	105.5	106.9
1984	88	95.6	12.3	93.7	103.8	106.0
1985	195	95.3	36.9	93.6	103.4	106.0
1986	271	96.3	32.8	93.0	102.6	105.6
1987	474	96.3	50.4	92.7	102.3	105.3
1988	666	95.3	42.9	92.6	102.0	105.2
1989	754	95.6	38.1	92.4	102.0	105.3
1990	1113	95.7	53.8	92.9	102.4	105.4

1996	1222	-172.1	-424.1	-130.9	103.7	102.3	95.9	93.7	0.0
21.8									
1997	570	-178.2	-408.8	-148.4	102.5	101.9	96.1	92.7	0.0
22.9									
1998	403	-171.0	-395.5	-212.4	102.7	102.2	95.1	93.4	0.0
23.3									
1999	359	-173.6	-373.5	-263.5	102.2	102.3	96.3	93.8	0.0
19.8									
2000	306	-165.4	-368.8	-283.0	102.9	102.6	96.0	93.4	0.0
20.8									
2001	295	-164.8	-346.0	-330.1	102.1	102.7	96.4	94.4	0.0
17.0									
2002	226	-180.0	-357.2	-428.7	101.6	102.6	96.1	95.4	0.0
16.5									
2003	169	-174.4	-344.0	-433.8	101.8	102.6	97.4	93.5	0.0
19.0									
2004	209	-174.4	-346.4	-433.1	101.7	102.6	96.7	95.2	0.0
17.1									
2005	241	-179.9	-360.2	-430.9	101.6	102.4	95.5	95.3	0.0
18.5									
2006	247	-174.1	-337.7	-404.1	101.5	102.2	97.1	94.3	0.0
15.4									
2007	252	-175.8	-342.8	-373.7	101.1	102.3	96.6	96.4	0.0
15.6									
2008	237	-171.4	-341.4	-342.8	101.3	101.8	96.7	93.7	0.0
18.5									
2009	251	-157.0	-319.7	-307.1	101.5	101.2	97.0	94.2	0.0
16.3									
2010	236	-152.3	-317.1	-305.5	102.0	101.5	95.0	92.5	0.0
18.8									
2011	241	-160.4	-330.0	-330.6	102.0	101.2	96.8	94.6	0.0
17.8									
2012	245	-155.6	-323.9	-340.3	102.1	101.4	0.0	0.0	0.0
18.4									
2013	266	-159.3	-341.3	-365.2	101.9	101.8	0.0	0.0	0.0
20.6									
2014	269	-174.6	-341.2	-420.4	100.4	101.7	95.0	90.0	0.0
17.8									
2015	254	-176.4	-350.7	-431.1	100.8	101.8	94.5	94.0	0.0
21.9									
2016	265	-176.5	-342.7	-428.6	100.7	102.0	0.0	0.0	0.0
25.3									
2017	137	-166.2	-327.3	-388.0	100.4	101.9	0.0	0.0	0.0
33.6									

Tabel: 187 Witrood: Geboortekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	256	90.0	103.8	117.5	50.3	47.6	49.2
1981	501	88.9	103.5	119.3	86.9	79.8	81.2
1982	677	90.5	103.7	117.7	96.0	89.3	91.5
1983	525	90.5	104.9	118.0	101.1	93.6	96.8

1992	181	102.8	109.0	94.4	110.7	105.5	102.5	102.6	99.7	98.5
104.5	97.0									
1993	183	102.0	108.3	94.5	110.7	104.6	103.5	101.4	100.4	99.4
105.6	95.0									
1994	295	101.8	107.4	94.9	110.6	103.9	103.7	101.4	100.5	99.0
105.5	94.8									
1995	365	101.8	106.8	95.3	109.5	104.0	103.2	101.5	100.2	98.6
104.8	95.2									
1996	104	101.6	106.3	95.3	109.9	103.5	104.0	101.2	100.7	99.2
105.4	94.5									
1997	66	103.0	106.0	96.6	110.1	103.8	104.4	102.8	101.6	97.0
104.6	95.0									
1998	77	102.4	107.8	96.1	110.7	104.2	104.3	102.0	100.8	98.2
105.4	95.2									
1999	95	102.4	107.5	96.0	110.6	104.0	104.1	102.3	100.5	97.3
105.0	95.0									
2000	121	101.6	107.0	96.5	110.4	103.3	104.6	101.2	100.7	98.2
106.0	94.4									
2001	127	101.5	106.5	97.0	110.0	103.0	104.6	101.3	100.7	97.4
105.8	94.5									
2002	121	101.3	106.1	97.2	110.0	102.7	104.6	101.1	100.9	97.2
106.0	94.1									
2003	124	100.4	106.1	97.1	110.2	101.8	104.9	100.2	100.6	97.8
106.4	93.8									
2004	160	101.3	106.6	97.0	109.8	103.1	104.8	100.7	100.9	98.9
106.3	94.2									
2005	217	101.0	105.8	97.3	109.3	102.9	104.6	100.5	100.7	98.9
106.3	93.7									
2006	204	100.5	105.9	97.4	109.7	102.2	105.1	100.0	100.7	98.6
106.5	93.4									
2007	233	100.0	104.8	97.7	109.5	101.2	105.1	99.8	100.6	97.3
106.4	93.2									
2008	234	100.0	103.7	98.3	108.6	101.1	104.7	100.1	100.4	96.5
106.0	93.2									
2009	251	99.7	104.1	98.5	108.7	100.9	104.9	99.7	100.4	96.7
106.1	92.7									
2010	243	99.0	102.7	98.7	107.4	100.2	104.7	99.0	100.4	96.3
106.1	92.0									
2011	222	99.0	102.6	98.8	107.8	99.9	104.7	99.1	100.4	96.2
106.3	92.3									
2012	194	98.7	102.5	99.3	107.4	99.9	104.8	98.7	100.4	96.1
106.5	91.8									
2013	171	98.8	103.3	98.9	108.2	99.7	105.3	98.7	100.5	95.8
106.7	92.0									
2014	128	99.2	103.7	99.2	108.4	100.1	105.4	99.1	100.7	96.1
106.7	92.1									
2015	47	99.4	104.0	99.5	108.3	100.7	105.6	99.2	100.7	96.0
106.9	92.2									
2016	29	99.7	103.9	99.9	108.0	101.2	105.8	99.3	101.1	96.8
107.2	92.3									

Tabel: 189 Witrood: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	290	-3204.3	-12277.1	-539.2	-464.7
2002	225	-3728.4	-14505.9	-630.9	-537.5
2003	169	-3746.6	-14418.0	-637.3	-536.9
2004	209	-3742.0	-14482.2	-635.9	-536.4
2005	240	-3747.7	-14464.8	-639.8	-536.1
2006	245	-3565.5	-13684.2	-608.7	-510.3
2007	252	-3435.5	-13047.3	-590.3	-490.4
2008	237	-3269.7	-12339.0	-560.9	-467.3
2009	247	-3037.0	-11429.3	-523.1	-433.5
2010	236	-3007.3	-11260.5	-520.6	-428.3
2011	241	-3181.9	-12039.6	-548.9	-453.5
2012	245	-3216.0	-12208.0	-554.6	-458.1
2013	266	-3396.5	-12941.4	-585.9	-483.7
2014	270	-3649.0	-13940.1	-630.2	-519.1
2015	254	-3720.2	-14243.9	-640.3	-530.1
2016	268	-3687.7	-14061.0	-634.3	-525.5
2017	143	-3453.8	-13221.2	-593.0	-492.8

Tabel: 190 Witrood: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	593	100.5	96.6	0	0.0	0.0	0	0.0
1981	651	99.2	95.1	0	0.0	0.0	0	0.0
1982	685	99.7	94.8	0	0.0	0.0	0	0.0
1983	500	99.1	94.9	0	0.0	0.0	0	0.0
1984	492	98.6	94.9	0	0.0	0.0	0	0.0
1985	777	98.8	95.3	777	-4.6	63.8	0	0.0
1986	1200	98.3	95.2	1200	-4.4	52.4	0	0.0
1987	2324	97.7	95.3	2324	-4.2	44.5	0	0.0
1988	3293	97.8	95.2	3293	-4.2	47.8	0	0.0
1989	3395	97.8	95.4	3396	-4.3	49.5	0	0.0
1990	3794	97.8	95.8	3794	-4.1	43.7	0	0.0
1991	4290	98.0	96.1	4290	-3.9	38.2	0	0.0
1992	4192	97.6	95.9	4192	-3.8	37.1	0	0.0
1993	4077	97.7	96.1	4078	-3.6	35.9	0	0.0
1994	3695	97.6	96.3	3696	-3.5	29.0	0	0.0
1995	2870	97.8	96.4	2871	-3.2	28.5	0	0.0
1996	1222	98.0	96.0	1223	-3.1	21.8	0	0.0
1997	570	98.0	96.4	570	-3.0	22.9	0	0.0
1998	403	98.0	95.9	403	-2.9	23.3	0	0.0
1999	359	98.0	95.8	359	-2.7	19.8	0	0.0
2000	306	98.2	96.3	306	-2.7	20.8	0	0.0
2001	295	98.3	96.1	295	-2.5	17.0	19	100.1
2002	226	98.1	96.4	226	-2.5	16.5	9	101.7
2003	169	98.2	96.4	169	-2.4	19.0	10	98.6
2004	209	98.3	96.1	209	-2.4	17.1	6	99.5
2005	241	98.8	96.5	241	-2.6	18.5	11	100.7
2006	247	98.8	96.6	247	-2.4	15.4	12	100.4
2007	252	99.4	96.5	252	-2.4	15.6	5	101.6
2008	237	100.0	96.9	237	-2.4	18.5	6	99.8
2009	251	99.7	96.6	251	-2.3	16.3	6	99.8

2010	236	99.5	96.5	236	-2.3	18.8	2	99.5
2011	241	99.5	96.8	241	-2.4	17.8	5	100.4
2012	245	99.9	97.2	245	-2.4	18.4	0	0.0
2013	266	99.5	96.4	266	-2.5	20.6	0	0.0
2014	269	99.0	95.8	269	-2.5	17.8	1	98.0
2015	254	98.6	95.4	254	-2.6	21.9	2	103.0
2016	265	98.7	95.5	265	-2.6	25.3	0	0.0
2017	137	97.9	95.6	137	-2.6	33.6	0	0.0

Tabel: 191 Witrood: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1985	16	99.9	0	0.0	0	0.0	16	94.8
1986	11	99.8	0	0.0	0	0.0	11	95.1
1987	34	99.3	0	0.0	0	0.0	34	92.9
1988	40	99.2	0	0.0	0	0.0	40	92.8
1989	41	99.5	0	0.0	0	0.0	41	94.1
1990	107	99.5	0	0.0	0	0.0	107	94.0
1991	181	99.6	0	0.0	0	0.0	181	94.2
1992	172	99.6	0	0.0	0	0.0	172	94.2
1993	152	99.8	0	0.0	0	0.0	152	95.4
1994	214	99.8	0	0.0	0	0.0	214	95.0
1995	232	99.6	0	0.0	0	0.0	232	94.4
1996	72	99.7	0	0.0	0	0.0	72	95.0
1997	45	99.8	0	0.0	0	0.0	45	94.8
1998	46	99.6	0	0.0	0	0.0	46	94.5
1999	44	99.9	0	0.0	0	0.0	44	95.6
2000	53	99.8	0	0.0	0	0.0	53	95.1
2001	73	99.8	0	0.0	0	0.0	73	94.8
2002	60	99.8	0	0.0	0	0.0	60	95.0
2003	60	99.7	0	0.0	0	0.0	60	94.2
2004	82	99.6	0	0.0	0	0.0	82	94.1
2005	111	99.7	0	0.0	0	0.0	111	94.4
2006	129	99.7	0	0.0	0	0.0	129	94.6
2007	145	99.7	0	0.0	0	0.0	145	94.9
2008	161	99.7	0	0.0	0	0.0	161	95.1
2009	212	99.7	0	0.0	0	0.0	212	94.9
2010	230	99.7	0	0.0	0	0.0	230	95.0
2011	233	99.8	0	0.0	0	0.0	233	95.8
2012	238	99.8	0	0.0	0	0.0	238	95.3
2013	261	99.8	0	0.0	0	0.0	261	95.2
2014	255	99.8	0	0.0	0	0.0	255	95.4
2015	247	99.8	0	0.0	0	0.0	247	95.2
2016	252	99.8	0	0.0	0	0.0	252	95.5
2017	133	99.7	0	0.0	0	0.0	133	94.6

Tabel: 192 Witblauw: Melkproductiekenmerken
Basis: Belgisch witblauw
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	129	-2601.1	-120.5	-98.3	-125.5	-11.8	-5.7	-15.3	-693.8
1981	93	-2512.7	-118.7	-96.5	-121.5	-17.6	-9.5	-14.9	-681.5
1982	84	-2727.5	-127.9	-103.5	-131.3	-17.9	-7.8	-15.8	-732.3
1983	105	-2640.3	-126.3	-102.0	-127.3	-23.0	-11.7	-15.6	-721.8
1984	92	-2730.0	-127.7	-104.4	-131.4	-17.2	-9.7	-15.8	-735.9
1985	101	-2728.8	-129.4	-105.0	-131.4	-21.6	-11.2	-15.9	-741.6
1986	114	-2807.8	-133.4	-107.2	-134.9	-23.3	-9.6	-15.8	-760.1
1987	114	-2775.3	-133.3	-106.7	-133.5	-26.6	-11.0	-16.0	-757.4
1988	109	-2854.2	-137.5	-109.9	-137.1	-29.2	-12.6	-16.2	-780.6
1989	112	-2771.6	-134.8	-107.1	-133.3	-31.0	-13.1	-15.8	-762.4
1990	80	-2510.3	-124.6	-99.0	-121.3	-32.8	-15.6	-15.1	-704.1
1991	58	-2691.1	-131.1	-103.8	-129.7	-30.8	-11.8	-15.7	-739.8
1992	26	-2588.0	-124.3	-100.8	-124.9	-24.0	-13.6	-15.3	-711.9
1993	32	-2595.9	-127.0	-100.6	-125.3	-29.5	-11.7	-15.4	-716.9
1994	34	-2592.3	-130.3	-100.1	-125.1	-38.6	-10.8	-15.2	-721.8
1995	33	-2554.6	-129.1	-98.5	-123.5	-40.0	-10.9	-15.4	-712.0
1996	17	-2509.9	-125.6	-97.4	-121.4	-34.5	-10.9	-15.2	-699.6
1997	31	-2327.1	-118.9	-93.2	-113.0	-37.3	-17.3	-14.6	-665.6
1998	19	-2419.1	-122.6	-94.9	-117.2	-37.6	-13.4	-14.8	-681.8
1999	18	-2325.5	-120.9	-91.9	-112.8	-42.3	-14.6	-14.4	-664.7

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

Tabel: 193 Witblauw: Vruchtbaarheidskenmerken

Basis: Belgisch witblauw

Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	158	97.7	104.6	99.5	103.3	97.9	95.3	120.0	101.5
1981	137	97.3	104.2	98.9	102.6	97.5	95.3	119.1	100.8
1982	114	96.6	104.3	98.1	102.4	96.8	94.2	118.0	100.3
1983	193	96.5	104.1	98.1	102.2	96.8	94.7	118.0	100.1
1984	230	96.2	104.1	97.9	102.0	96.6	94.1	117.7	100.0
1985	280	96.4	103.9	98.0	102.0	96.8	94.3	117.9	100.0
1986	403	96.6	104.1	98.3	102.2	97.0	94.6	117.7	100.3
1987	601	97.1	103.1	98.6	101.7	97.4	95.4	117.7	100.1
1988	832	96.8	103.1	98.5	101.6	97.2	95.3	117.7	100.0
1989	1305	96.6	103.8	98.8	102.1	97.3	94.9	117.8	100.5
1990	1862	96.5	103.5	98.4	101.9	97.2	95.0	117.0	100.2
1991	2410	96.4	103.2	98.1	101.5	97.0	94.9	115.9	99.8
1992	2837	96.1	103.0	98.1	101.3	97.0	94.6	114.9	99.7
1993	3178	95.9	103.0	97.9	101.2	96.8	94.3	114.4	99.5
1994	3621	95.9	102.8	97.7	100.9	96.9	94.3	112.6	99.3
1995	3915	95.9	102.6	97.6	100.8	96.9	94.3	111.7	99.2
1996	3883	96.1	102.4	97.8	100.7	97.1	94.4	110.4	99.1
1997	3835	96.1	102.3	97.7	100.6	97.1	94.4	109.8	99.0
1998	4037	96.2	102.2	97.8	100.5	97.3	94.5	108.4	99.0
1999	4519	96.2	102.1	97.7	100.4	97.3	94.6	107.5	98.9
2000	4659	96.2	102.0	97.8	100.3	97.4	94.8	106.1	98.9
2001	4193	96.3	101.9	97.7	100.2	97.5	94.8	104.6	98.8
2002	4351	96.6	101.8	97.9	100.2	97.7	95.1	103.9	98.9
2003	4537	96.8	101.7	98.0	100.1	98.0	95.5	103.0	99.0
2004	4945	96.8	101.5	98.0	100.0	98.0	95.6	102.3	98.9

1996	17	-231.6	-699.6	160.5	104.4	99.1	105.3	96.3	98.0
0.0									
1997	31	-219.0	-665.6	186.0	104.7	99.0	106.0	96.0	0.0
0.0									
1998	19	-223.7	-681.8	177.0	104.6	99.0	0.0	0.0	0.0
0.0									
1999	18	-224.1	-664.7	0.0	104.2	98.9	105.5	97.0	0.0
0.0									

Tabel: 195 Witblauw: Levensvatbaarheidskenmerken
 Basis: Belgisch witblauw
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	17	93.1	0.0	93.1	0.0	85.6	0.0
1988	28	92.9	3.6	92.9	3.6	84.8	3.5
1989	35	92.5	0.0	92.5	0.0	85.3	0.0
1990	41	93.0	0.0	93.0	0.0	86.0	0.0
1991	33	93.1	0.0	93.1	0.0	85.3	0.0
1992	46	93.1	0.0	93.1	0.0	85.6	0.0
1993	31	93.3	0.0	93.3	0.0	85.8	0.0
1994	54	93.5	0.0	93.5	0.0	86.0	0.0
1995	41	93.3	2.4	93.3	2.4	86.0	2.4
1996	36	93.2	0.0	93.2	0.0	85.7	0.0
1997	34	93.6	0.0	93.6	0.0	86.6	0.0
1998	34	93.9	0.0	93.9	0.0	86.8	0.0
1999	43	93.4	0.0	93.4	0.0	86.3	0.0
2000	68	93.7	0.0	93.7	0.0	86.5	0.0
2001	40	93.8	0.0	93.8	0.0	86.5	0.0
2002	31	93.6	0.0	93.6	0.0	86.5	0.0
2003	31	93.2	3.2	93.2	3.2	85.8	3.1
2004	33	93.6	0.0	93.6	0.0	86.8	0.0
2005	25	94.5	0.0	94.5	0.0	87.1	0.0
2006	27	94.6	0.0	94.6	0.0	87.4	0.0
2007	20	95.0	5.0	95.0	5.0	88.2	4.9
2008	16	94.2	0.0	94.2	0.0	86.8	0.0
2009	20	94.9	5.0	94.9	5.0	88.3	5.0
2010	23	93.9	0.0	93.9	0.0	86.9	0.0
2011	25	94.1	0.0	94.1	0.0	87.0	0.0
2012	11	93.5	0.0	93.5	0.0	86.4	0.0

Tabel: 196 Witblauw: Geboortekenmerken
 Basis: Belgisch witblauw
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	23	104.7	100.5	94.2	4.1	4.5	4.4
1981	25	105.8	100.6	92.9	11.4	12.6	12.5
1982	27	107.9	99.8	90.4	14.6	15.3	15.5
1983	42	107.3	100.2	90.9	37.2	38.9	38.6
1984	50	108.4	99.6	89.9	39.2	40.7	40.6

2014	3800	99.4	101.8	100.2	101.4	97.8	100.7	99.6	101.2	100.7
	100.2	99.8								
2015	2706	99.2	101.8	100.5	101.0	98.1	100.8	99.4	101.2	100.9
	100.2	99.4								
2016	1057	99.4	101.9	100.8	100.7	98.5	100.8	99.4	101.3	101.0
	100.3	99.0								
2017	84	98.5	100.2	101.5	98.3	97.9	100.5	98.7	101.1	100.2
	100.1	97.2								

Tabel: 198 Witblauw: Overige productie en efficiency kenm.
Basis: Belgisch witblauw
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	129	101.8	94.2	0	0.0	0.0	0	0.0
1981	93	101.2	94.6	0	0.0	0.0	0	0.0
1982	84	101.5	95.3	0	0.0	0.0	0	0.0
1983	104	102.1	95.1	0	0.0	0.0	0	0.0
1984	92	101.3	95.4	0	0.0	0.0	0	0.0
1985	101	101.8	95.0	0	0.0	0.0	0	0.0
1986	114	101.4	95.6	0	0.0	0.0	0	0.0
1987	114	101.4	96.5	0	0.0	0.0	0	0.0
1988	109	100.9	96.5	0	0.0	0.0	0	0.0
1989	112	100.9	96.4	0	0.0	0.0	0	0.0
1990	80	101.5	97.9	0	0.0	0.0	0	0.0
1991	58	101.2	97.7	0	0.0	0.0	0	0.0
1992	26	102.2	97.6	0	0.0	0.0	0	0.0
1993	32	101.3	98.2	0	0.0	0.0	0	0.0
1994	34	101.7	98.0	0	0.0	0.0	0	0.0
1995	33	101.9	98.2	0	0.0	0.0	0	0.0
1996	17	101.7	97.8	0	0.0	0.0	0	0.0
1997	31	102.4	97.2	0	0.0	0.0	0	0.0
1998	19	101.6	96.9	0	0.0	0.0	0	0.0
1999	18	101.9	96.7	0	0.0	0.0	0	0.0

Tabel: 199 Witblauw: Stofwisselingsaandoeningen
Basis: Belgisch witblauw
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1997	11	100.0	0	0.0	0	0.0	11	99.5
1999	15	100.0	0	0.0	0	0.0	15	99.4
2000	12	100.0	0	0.0	0	0.0	12	100.0
2001	11	100.0	0	0.0	0	0.0	11	98.7

Tabel: 200 Fleck Vies: Melkproductiekenmerken
Basis: Dubbeldoel

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	18	-233.0	-19.3	-20.0	-17.4	-13.6	-18.1	-10.8	-127.8
1989	10	-510.7	-21.3	-29.1	-30.1	5.1	-16.7	-11.0	-173.2
1990	20	-341.4	-20.0	-22.1	-22.3	-7.0	-14.9	-10.8	-139.5
1991	18	-436.4	-20.1	-27.1	-26.7	-0.3	-18.2	-11.1	-161.1
1992	31	-128.9	-17.5	-20.2	-12.6	-17.8	-24.1	-10.6	-123.3
1993	26	-245.4	-21.2	-23.7	-17.8	-15.7	-23.1	-10.6	-146.8
1994	30	-211.1	-17.0	-21.0	-16.4	-11.9	-21.1	-10.8	-126.8
1995	43	-315.6	-11.1	-20.9	-21.2	5.1	-14.8	-11.0	-115.2
1996	33	-288.9	-14.8	-21.6	-19.9	-2.4	-17.6	-10.9	-125.6
1997	42	-199.5	-13.7	-20.5	-15.8	-7.3	-20.9	-10.5	-117.7
1998	45	-219.0	-13.6	-19.4	-16.8	-5.5	-17.9	-10.8	-113.2
1999	70	-115.4	-12.6	-16.4	-12.0	-11.1	-19.0	-10.6	-97.2
2000	34	-125.6	-11.9	-16.9	-12.5	-9.3	-19.2	-10.6	-98.3
2001	87	-196.1	-18.1	-18.4	-15.6	-14.7	-17.7	-10.7	-118.2
2002	85	-154.1	-18.7	-17.6	-13.7	-18.6	-18.7	-10.6	-115.4
2003	63	-62.8	-13.8	-14.6	-9.7	-16.7	-19.0	-10.7	-91.8
2004	67	28.1	-9.0	-11.0	-5.4	-15.5	-18.5	-10.4	-65.9
2005	84	11.1	-11.1	-12.0	-6.6	-17.5	-19.0	-11.1	-74.6
2006	102	62.9	-10.0	-9.8	-5.0	-19.4	-18.3	-12.2	-62.5
2007	37	429.2	4.4	2.8	12.8	-21.2	-18.8	-10.2	24.4
2008	70	301.3	-0.4	-1.8	4.5	-19.6	-18.7	-14.0	-6.8
2009	76	267.3	0.7	-1.3	4.6	-16.5	-16.1	-11.6	-2.5
2010	47	96.9	-7.2	-8.8	-2.7	-17.3	-18.6	-10.9	-51.9
2011	38	306.4	2.4	-1.2	5.3	-16.1	-18.1	-13.1	1.5
2012	40	424.9	7.0	4.9	9.7	-16.9	-15.3	-14.6	37.7
2013	41	728.8	19.9	13.1	23.9	-17.1	-18.6	-13.5	102.9
2014	36	738.8	18.6	12.5	24.6	-19.2	-20.0	-13.1	97.7
2015	39	742.4	17.6	14.2	25.3	-20.2	-17.7	-12.1	103.1
2016	70	805.2	17.9	13.2	25.2	-23.8	-22.2	-16.2	99.1
2017	38	1001.2	29.2	21.8	30.4	-19.7	-19.9	-21.1	159.8

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

Tabel: 201 Fleck Vieh: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	15	103.3	103.9	100.9	94.7	105.9	99.9	92.7
1992	17	104.0	103.1	100.4	94.9	105.4	100.5	92.8
1993	16	103.8	103.2	100.6	95.2	105.7	100.4	93.4
1994	22	103.2	104.3	100.3	94.0	106.7	101.2	92.3
1995	26	103.2	105.0	101.0	94.8	106.7	98.9	92.2
1996	15	103.4	104.9	99.9	93.8	107.8	100.7	92.1
1997	24	103.4	104.0	100.6	94.8	106.5	99.8	93.0
1998	18	103.2	103.7	100.4	94.7	105.8	99.8	92.5
1999	34	103.4	103.6	100.9	95.4	105.7	100.1	92.3
2000	11	103.0	103.9	101.0	94.7	106.5	100.7	92.6
2001	34	103.3	105.3	101.5	95.0	106.6	99.5	93.1
2002	18	102.9	104.8	101.0	94.3	107.3	99.9	92.2
2003	21	103.8	104.7	100.8	94.0	106.8	100.8	92.9
2004	20	103.5	105.1	101.2	95.0	106.8	98.9	93.2

2005	21	103.4	104.0	100.3	93.6	106.2	101.2	92.0
2006	23	103.8	105.3	101.3	94.7	106.7	100.7	93.7
2007	14	104.1	104.5	101.4	95.1	106.6	101.0	93.7
2008	19	103.3	104.3	100.7	94.9	106.6	100.6	91.7
2009	23	104.6	103.5	101.7	95.7	104.9	100.9	94.1
2013	31	104.4	103.7	101.7	95.6	105.2	100.0	94.6
2014	14	105.3	105.5	103.1	96.4	106.6	100.6	94.2
2016	25	103.8	104.5	102.3	95.9	105.8	101.6	94.6
2017	21	103.9	104.4	101.7	96.1	105.8	101.2	92.6

Tabel: 202 Fleck Vies: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1990	15	100.0	95.6	108.9	101.9	100.1
1992	17	99.6	95.1	109.4	101.4	99.4
1993	16	101.6	95.0	110.6	102.6	101.4
1994	22	101.7	95.0	111.0	103.4	101.5
1995	26	99.8	94.7	111.0	102.8	100.0
1996	15	100.1	95.3	111.2	103.1	100.2
1997	24	100.2	95.4	110.3	102.6	100.2
1998	18	100.4	94.1	111.1	102.3	100.4
1999	34	100.9	94.8	110.1	102.6	100.7
2000	11	101.3	95.3	110.4	103.1	101.3
2001	34	101.2	95.6	110.6	103.6	101.4
2002	18	101.2	94.7	111.4	103.2	101.0
2003	21	100.1	94.9	110.8	103.0	100.3
2004	20	100.0	94.8	110.5	102.0	100.4
2005	21	100.3	95.2	109.7	102.2	100.4
2006	23	100.5	95.7	110.2	103.1	100.8
2007	14	101.4	95.7	110.7	103.0	101.5
2008	19	101.8	94.1	112.4	104.2	101.7
2009	23	99.7	97.8	107.7	101.2	100.3
2013	31	100.5	97.9	107.8	101.7	100.9
2014	14	101.6	96.1	109.9	104.1	102.1
2016	25	100.2	97.4	108.9	103.4	100.9
2017	21	100.5	96.9	109.4	103.1	100.8

Tabel: 203 Fleck Vies: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	15	98.1	99.0	102.1	99.3	92.6	98.9	96.5
1992	17	97.4	98.2	101.4	98.5	92.0	98.7	96.1
1993	16	98.3	97.9	101.2	99.2	93.1	98.8	96.0
1994	22	97.5	98.3	101.5	98.3	92.1	99.2	96.5
1995	26	98.5	99.0	100.5	98.9	92.1	99.0	96.0
1996	15	99.7	100.7	100.4	100.3	91.9	99.1	96.6
1997	24	99.1	99.7	100.6	99.8	92.7	99.1	96.7
1998	18	98.3	99.7	102.1	99.0	92.9	100.1	97.0

1999	34	97.5	99.6	101.1	98.0	92.7	99.3	96.6
2000	11	97.5	98.9	102.8	97.9	92.2	100.2	97.1
2001	34	98.1	98.9	102.1	98.5	92.2	99.6	96.7
2002	18	99.1	100.0	102.8	99.3	92.3	99.3	96.9
2003	21	98.6	99.0	102.1	99.1	92.0	98.8	96.2
2004	20	99.0	100.3	101.8	99.0	93.2	100.2	97.5
2005	21	97.2	98.6	101.9	97.9	91.2	98.7	96.3
2006	23	98.2	98.9	100.9	98.6	92.2	99.1	96.5
2007	14	98.3	99.3	101.7	98.4	92.6	99.9	97.4
2008	19	98.3	98.3	101.8	98.4	93.1	98.8	95.8
2009	23	98.5	100.3	101.9	99.2	93.4	100.0	97.9
2013	31	99.7	101.0	101.2	100.1	93.9	99.9	98.1
2014	14	98.6	98.9	101.5	99.1	93.2	99.1	96.9
2016	25	100.5	102.5	100.3	100.6	94.1	100.3	99.3
2017	21	99.5	100.5	101.3	99.8	93.1	99.5	97.6

Tabel: 204 Fleck Vieh: Exterieurkenmerken bovenbalk

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	15	97.5	99.1	96.9	100.0	107.7	97.3
1992	17	97.6	99.4	96.0	99.1	106.3	96.5
1993	16	97.8	99.5	97.1	101.4	106.6	98.5
1994	22	97.9	99.2	96.0	101.6	108.0	98.0
1995	26	97.1	99.5	96.8	99.9	107.6	97.3
1996	15	97.5	99.6	97.7	100.5	108.7	98.3
1997	24	97.5	99.7	97.5	100.2	107.2	98.0
1998	18	97.3	99.2	97.1	100.1	106.7	97.5
1999	34	97.3	99.5	96.3	100.5	106.6	97.4
2000	11	98.1	99.5	96.0	101.5	108.0	98.0
2001	34	97.8	99.4	96.4	101.6	108.0	98.2
2002	18	97.1	99.2	97.1	101.0	108.1	97.9
2003	21	98.2	99.2	96.9	100.3	108.6	97.8
2004	20	97.5	99.6	97.4	100.1	107.8	98.0
2005	21	97.7	98.5	95.5	100.4	107.7	96.9
2006	23	98.6	99.4	96.5	101.0	108.3	98.1
2007	14	98.9	99.9	96.5	102.0	108.5	98.9
2008	19	97.5	99.5	96.8	101.6	107.7	98.4
2009	23	99.0	99.4	97.3	100.6	107.9	98.5
2013	31	98.7	99.6	98.2	101.3	108.1	99.3
2014	14	99.5	100.5	97.0	102.5	109.2	99.8
2016	25	99.8	100.0	98.7	101.4	108.6	99.9
2017	21	98.4	99.8	97.7	101.2	107.6	98.8

Tabel: 205 Fleck Vieh: Vruchtbaarheidskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	16	99.0	105.0	102.1	103.3	101.4	96.3	100.4	102.9
1990	19	98.9	105.5	102.3	103.9	101.9	96.6	100.2	103.4

1991	13	98.4	105.0	101.5	103.0	100.7	96.2	99.5	102.6
1992	28	98.5	105.1	101.6	103.2	101.0	96.5	100.6	102.6
1993	23	98.0	105.2	101.5	103.0	100.7	96.8	100.2	102.5
1994	28	98.5	105.5	102.4	103.7	101.4	96.3	100.6	103.2
1995	41	99.9	105.0	102.9	103.8	102.5	97.1	98.9	103.6
1996	33	99.8	104.7	102.6	103.5	102.2	97.0	99.3	103.3
1997	40	99.4	105.5	102.9	104.1	102.2	97.0	99.8	103.8
1998	46	99.0	104.7	102.0	103.1	101.3	96.7	99.3	102.7
1999	71	98.6	104.7	101.7	103.0	101.0	96.6	99.6	102.6
2000	33	98.1	104.8	101.3	102.6	100.4	95.9	99.8	102.1
2001	77	97.7	104.9	101.2	102.7	99.9	96.0	99.8	102.1
2002	75	98.2	104.7	101.1	102.4	99.9	95.9	98.7	101.9
2003	60	97.8	104.7	100.9	102.4	99.5	95.6	99.1	101.8
2004	77	97.6	104.1	100.6	101.6	99.3	96.3	99.8	101.2
2005	94	97.4	104.5	100.7	102.2	99.4	96.0	99.4	101.6
2006	107	98.0	105.0	101.3	102.9	100.2	95.9	98.8	102.3
2007	45	97.8	104.3	101.0	102.4	100.0	95.8	100.0	101.9
2008	88	98.2	104.4	101.5	102.6	100.4	96.5	100.3	102.2
2009	90	98.5	105.1	102.0	103.3	100.8	96.8	100.9	102.9
2010	85	98.0	104.4	101.1	102.5	100.1	96.4	100.9	102.0
2011	57	98.9	104.8	102.1	103.2	101.1	97.0	101.3	102.8
2012	97	98.7	104.8	101.9	103.2	101.1	96.7	100.7	102.8
2013	57	98.6	104.1	101.7	102.7	100.8	96.8	101.9	102.3
2014	67	99.5	104.2	102.3	103.3	101.8	97.1	102.7	103.0
2015	60	98.7	104.5	102.1	103.4	101.3	96.5	103.5	102.9
2016	88	98.6	104.0	101.5	102.7	100.9	96.7	103.1	102.3
2017	54	99.3	103.8	102.0	103.0	101.6	97.0	102.7	102.8
2018	11	99.5	103.3	101.9	102.5	102.1	97.8	104.0	102.4

Tabel: 206 Fleck Vieh: Gebruikskennmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1992	12	98.0	74.6	99.1	104.2	103.9
1993	13	98.3	38.7	99.2	105.0	104.2
1994	17	97.5	64.6	99.4	105.3	104.2
1995	28	96.8	88.8	99.9	104.6	103.7
1996	16	96.9	80.5	99.1	105.0	104.2
1997	20	97.4	83.7	99.1	104.8	104.0
1998	16	97.1	75.2	98.8	104.5	103.7
1999	31	97.3	87.0	98.7	104.7	103.8
2001	29	96.6	88.7	98.4	104.0	103.9
2002	14	95.5	92.8	98.2	105.1	104.4
2003	21	96.7	85.5	97.9	104.5	104.2
2004	18	97.1	82.9	98.7	104.1	104.0
2005	18	97.3	82.8	98.3	103.7	104.0
2006	22	96.7	98.6	99.0	105.1	104.2
2007	11	96.9	73.5	98.9	104.0	103.4
2008	17	97.1	82.7	98.7	104.3	103.7
2009	21	97.6	75.9	98.7	104.6	104.1
2013	31	97.6	93.1	99.5	103.9	103.1
2014	14	98.1	99.5	99.9	104.7	103.4
2016	25	98.6	72.9	100.7	105.4	103.7
2017	21	97.8	100.5	101.2	105.6	103.5

Tabel: 207 Fleck Vies: NVI met onderliggende kenmerken
 Basis: Dubbeloel
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1987 14.1	18	-4.4	-127.8	114.7	104.9	102.9	95.5	98.5	100.8
1989 37.7	10	-14.2	-173.2	243.0	105.2	103.0	96.5	98.8	102.5
1990 0.2	20	10.2	-139.5	108.7	105.1	103.4	96.9	100.0	101.4
1991 28.9	18	-5.1	-161.1	156.5	106.6	102.6	96.2	97.8	102.5
1992 4.5	31	8.2	-123.3	172.8	104.5	102.6	96.0	99.1	101.8
1993 6.1	26	6.7	-146.8	169.9	105.0	102.5	97.1	101.4	102.2
1994 -6.0	30	27.5	-126.8	200.8	105.3	103.2	96.0	101.6	102.6
1995 -5.1	43	22.4	-115.2	166.6	104.5	103.6	96.8	99.9	103.1
1996 5.8	33	27.4	-125.6	175.8	105.1	103.3	97.7	100.5	102.5
1997 -2.3	42	28.5	-117.7	174.3	104.8	103.8	97.5	100.2	103.2
1998 8.1	45	21.5	-113.2	196.5	104.5	102.7	97.1	100.1	102.2
1999 -4.4	70	32.8	-97.2	185.6	104.6	102.6	96.3	100.5	101.9
2000 -2.4	34	28.6	-98.3	171.9	104.7	102.1	96.0	101.5	102.4
2001 -4.1	87	17.1	-118.2	171.5	104.4	102.1	96.4	101.6	103.5
2002 -5.2	85	21.8	-115.4	157.9	105.2	101.9	97.1	101.0	103.1
2003 -20.3	63	31.3	-91.8	121.7	104.9	101.8	96.9	100.3	102.6
2004 -22.8	67	37.8	-65.9	103.4	104.6	101.2	97.4	100.1	102.5
2005 -17.2	84	17.3	-74.6	3.5	104.3	101.6	95.5	100.4	102.6
2006 -25.4	102	35.0	-62.5	-6.4	105.1	102.3	96.5	101.0	102.7
2007 -57.4	37	74.2	24.4	81.0	104.0	101.9	96.5	102.0	103.1
2008 -46.2	70	68.0	-6.8	57.6	104.5	102.2	96.8	101.6	103.2
2009 -49.8	76	70.7	-2.5	38.8	104.9	102.9	97.3	100.6	103.3
2010 -38.6	47	41.2	-51.9	-67.7	105.2	102.0	97.8	100.2	102.5

2011	38	66.9	1.5	50.2	104.5	102.8	96.3	101.1	103.0
-42.9									
2012	40	96.5	37.7	52.2	104.6	102.8	98.3	104.0	103.1
-58.4									
2013	41	100.0	102.9	34.6	103.8	102.3	98.2	101.3	103.5
-57.9									
2014	36	112.3	97.7	96.7	104.4	103.0	97.0	102.5	103.4
-62.6									
2015	39	114.3	103.1	52.2	104.7	102.9	96.6	101.8	103.9
-71.0									
2016	70	110.6	99.1	123.6	104.9	102.3	98.7	101.4	103.9
-61.6									
2017	38	130.2	159.8	93.8	105.0	102.8	97.7	101.2	104.5
-69.5									

Tabel: 208 Fleck Vies: Klauwgezondheidskenmerken
Basis: Dubbeloel
Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2006	11	95.2	89.4	99.0	100.6	95.8	104.4	95.0

Tabel: 209 Fleck Vies: Levensvatbaarheidskenmerken
Basis: Dubbeloel
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1992	13	101.2	100.7	101.2	100.7	95.3	102.8
1993	14	101.4	101.1	101.4	101.1	95.3	103.1
1994	21	102.0	101.4	102.0	101.4	95.8	103.4
1995	35	102.4	101.7	102.4	101.7	95.3	103.2
1996	23	102.2	101.0	102.2	101.0	95.2	103.0
1997	26	102.3	101.7	102.3	101.7	95.6	103.6
1998	28	101.4	97.7	101.4	97.7	94.8	99.2
1999	44	101.6	100.8	101.6	100.8	94.4	102.6
2000	16	102.2	101.1	102.2	101.1	95.2	103.2
2001	44	103.4	101.3	103.4	101.3	96.2	103.2
2002	31	102.9	101.1	102.9	101.1	96.0	103.3
2003	41	102.0	100.8	102.0	100.8	95.4	103.6
2004	30	102.3	100.6	102.3	100.6	95.2	102.9
2005	37	102.4	101.2	102.4	101.2	95.1	104.1
2006	29	103.2	101.3	103.2	101.3	96.0	103.8
2007	31	102.6	101.5	102.6	101.5	95.9	103.8
2008	26	102.7	101.4	102.7	101.4	95.5	103.4
2009	11	102.4	101.9	102.4	101.9	95.7	104.1
2010	25	102.2	96.4	102.2	96.4	95.8	98.7
2012	29	102.7	101.2	102.7	101.2	96.3	103.2
2015	12	101.9	100.6	101.9	100.6	95.2	102.5
2016	17	102.7	101.1	102.7	101.1	96.5	103.2

Tabel: 210 Fleck Vieh: Geboortekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	17	89.5	113.4	117.8	61.4	47.5	48.1
1992	23	89.7	114.0	117.5	70.4	55.1	56.3
1993	18	91.0	113.5	115.7	95.7	76.1	76.9
1994	24	89.8	114.2	117.9	101.7	79.3	80.2
1995	38	90.2	113.4	117.0	103.2	80.8	82.1
1996	26	90.2	113.9	116.6	110.4	87.5	88.4
1997	36	90.3	113.1	116.8	90.4	69.6	70.9
1998	37	90.5	113.5	116.6	78.0	61.5	62.1
1999	58	90.1	113.2	117.2	91.7	70.7	71.7
2000	23	89.6	114.0	117.9	80.4	63.5	64.2
2001	54	90.4	112.9	117.0	89.6	69.8	71.1
2002	62	90.0	113.1	117.2	78.7	61.0	62.0
2003	50	89.5	113.6	117.6	100.2	77.3	78.7
2004	52	90.4	113.7	116.7	97.8	76.3	77.2
2005	66	89.6	113.4	117.8	82.9	62.7	64.5
2006	70	90.4	112.4	116.8	98.1	74.5	76.1
2007	39	90.1	114.0	117.3	99.4	74.5	76.1
2008	58	89.7	113.7	117.7	98.6	74.7	76.9
2009	61	88.4	113.6	119.1	105.4	80.5	81.0
2010	62	89.0	113.8	118.4	97.6	74.1	76.0
2011	32	89.4	113.3	118.1	113.2	86.9	87.8
2012	87	89.2	113.5	118.6	104.8	80.1	80.8
2013	66	89.5	113.6	118.0	106.4	81.1	82.6
2014	48	89.4	114.2	118.1	108.9	83.7	85.5
2015	27	91.0	111.5	116.3	117.1	89.2	90.6
2016	41	92.8	110.6	113.6	111.1	85.1	85.9
2017	37	91.2	111.2	116.0	116.3	90.1	90.9
2018	32	91.8	110.9	115.2	116.0	90.4	91.1
2019	28	92.5	110.9	114.2	103.8	80.4	81.1

Tabel: 211 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	16	106.4	113.9	100.0	109.1	107.9	101.8	104.9	98.3	110.6	100.9	113.8
1992	23	106.5	114.3	99.9	109.3	108.0	102.4	104.3	99.1	110.9	101.1	114.0
1993	20	105.0	113.8	101.2	108.7	106.8	103.5	102.5	99.3	110.2	100.1	111.8
1994	25	106.1	114.4	100.7	108.5	108.0	102.6	104.0	98.6	111.4	100.9	113.9
1995	35	105.6	113.5	101.8	108.5	107.3	103.0	103.7	98.7	110.3	101.5	112.6

1996	23	106.2	113.8	100.6	108.4	108.1	102.0	104.1	99.2	111.2
		100.4	113.0							
1997	32	105.7	114.2	100.7	108.5	107.9	102.2	104.0	98.2	111.1
		100.5	112.9							
1998	32	105.3	114.2	100.7	108.5	107.6	102.6	103.4	98.3	110.7
		100.5	112.5							
1999	51	106.4	114.0	100.9	108.7	108.5	102.3	104.5	98.4	110.7
		100.7	112.9							
2000	24	105.3	114.5	100.6	108.2	108.1	102.4	103.3	98.7	111.1
		99.7	112.3							
2001	42	104.7	114.2	101.5	108.0	108.2	102.5	102.9	97.9	110.7
		99.7	111.0							
2002	37	105.1	115.5	101.8	109.0	109.0	103.0	102.7	98.2	111.5
		99.4	110.9							
2003	34	105.7	115.6	101.4	109.5	108.9	102.8	103.5	98.6	111.2
		99.8	111.8							
2004	39	105.6	115.3	101.5	109.4	108.5	102.9	103.3	98.9	110.7
		100.1	111.4							
2005	38	105.3	115.3	102.7	108.6	109.4	103.4	102.9	98.4	111.5
		100.3	111.2							
2006	48	105.6	114.7	101.8	108.5	109.1	102.6	103.7	97.8	111.2
		99.7	111.2							
2007	15	105.7	113.4	101.5	107.9	108.1	102.5	103.6	99.2	110.3
		100.6	111.7							
2008	35	105.1	114.7	101.2	108.7	108.4	102.7	103.2	98.1	110.7
		100.0	110.9							
2009	45	105.6	114.8	100.6	109.6	108.1	103.0	103.8	98.3	110.5
		100.8	112.4							
2010	30	105.4	113.3	101.5	108.1	108.3	102.5	103.9	97.9	110.0
		100.5	110.8							
2011	17	104.8	114.4	101.8	109.1	107.6	103.6	103.1	97.9	110.0
		100.6	111.2							
2012	38	105.4	113.2	101.7	109.1	107.0	103.1	103.8	98.3	109.4
		101.2	111.8							
2013	36	106.1	111.8	100.9	108.0	106.8	102.3	104.6	99.0	109.2
		100.7	112.8							
2014	21	104.6	111.8	101.9	108.6	105.8	103.4	103.6	98.1	108.5
		101.0	111.5							
2015	16	104.6	111.2	101.8	108.2	105.6	102.9	103.8	97.9	108.2
		101.1	111.5							
2016	26	104.3	111.2	100.6	107.8	105.3	102.8	103.3	97.7	108.4
		101.2	111.3							
2017	19	104.8	109.9	101.6	107.3	104.8	102.6	104.1	98.1	108.2
		101.8	111.5							

Tabel: 212 Fleck Vieh: Kalvervitaliteit
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	12	95.4	97.0	92.3
1993	13	95.9	97.3	93.4
1994	20	95.3	97.2	92.7
1995	34	95.0	97.3	91.4

1996	23	96.0	98.1	92.3
1997	26	95.2	97.3	92.1
1998	25	95.9	97.8	92.8
1999	44	95.6	97.6	93.0
2000	17	94.2	96.3	93.6
2001	44	94.3	96.2	92.6
2002	32	95.2	97.1	93.1
2003	39	96.0	97.7	93.4
2004	31	95.6	97.4	93.6
2005	36	95.5	97.2	93.2
2006	29	95.6	97.4	92.2
2007	31	95.8	97.8	93.4
2008	27	95.2	97.2	92.1
2009	11	96.4	98.3	92.5
2010	23	95.7	96.8	93.7
2012	27	95.9	97.5	92.4
2015	12	92.8	94.2	93.8
2016	16	94.9	96.2	92.7

Tabel: 213 Fleck Vies: Levensproductiekenmerken
 Basis: Dubbeloel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	55	587.3	3370.9	112.8	74.3
2002	57	456.7	2860.8	89.0	56.3
2003	48	292.1	2202.0	62.1	32.1
2004	54	257.5	1982.4	56.3	27.4
2005	72	-378.3	-660.2	-53.1	-62.9
2006	90	-400.1	-734.2	-63.0	-63.0
2007	31	540.3	3184.5	100.9	69.5
2008	61	266.0	2127.4	51.7	31.3
2009	69	98.8	1257.5	25.4	6.9
2010	44	-788.3	-2350.7	-128.3	-118.8
2011	41	137.0	1483.5	36.8	9.6
2012	39	351.2	2260.7	66.1	44.3
2013	38	468.0	2796.9	93.5	57.1
2014	41	846.1	4575.9	157.7	110.5
2015	37	654.0	3688.7	115.9	88.0
2016	66	1065.7	5704.1	190.7	143.6
2017	32	1124.9	5700.9	209.6	148.6

Tabel: 214 Fleck Vies: Robot / AMS kenmerken
 Basis: Dubbeloel
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1990	10	97.0	104.0	95.8
1992	16	98.3	105.1	97.2
1993	13	99.0	105.7	96.4
1994	21	98.1	105.0	96.8
1995	32	97.9	105.4	96.6

1996	19	97.2	104.3	96.6
1997	22	97.8	105.1	96.8
1998	22	97.6	105.7	96.7
1999	43	98.1	105.1	97.1
2000	14	97.8	105.6	96.4
2001	41	98.9	105.9	96.0
2002	27	97.2	105.7	97.1
2003	34	97.3	106.6	97.4
2004	30	98.0	105.3	96.1
2005	34	97.6	104.2	97.6
2006	28	98.3	105.5	96.5
2007	19	98.4	105.9	96.7
2008	24	98.1	104.6	96.6
2009	33	97.3	103.5	97.4
2010	11	96.9	104.3	96.4
2011	10	96.3	105.2	98.2
2012	11	96.6	103.7	96.6
2013	27	99.5	104.6	96.3
2014	19	98.7	107.3	97.7
2015	24	98.8	107.8	96.1
2016	46	99.3	108.4	96.8
2017	21	100.6	110.5	97.0

Tabel: 215 Fleck Vies: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1987	18	100.3	98.6	18	-1.0	14.1	0	0.0
1989	10	100.9	99.5	10	-1.6	37.7	0	0.0
1990	20	99.5	99.2	20	-0.8	0.2	0	0.0
1991	18	100.3	99.6	18	-1.4	28.9	0	0.0
1992	31	99.7	98.9	31	-0.8	4.5	0	0.0
1993	26	100.0	98.5	26	-0.9	6.1	0	0.0
1994	30	100.7	99.0	31	-0.6	-6.0	0	0.0
1995	43	100.0	97.7	44	-0.5	-5.1	0	0.0
1996	33	99.5	98.4	33	-0.8	5.8	0	0.0
1997	42	99.9	98.7	42	-0.6	-2.3	0	0.0
1998	45	99.4	98.2	45	-0.8	8.1	0	0.0
1999	70	99.8	98.3	70	-0.5	-4.4	0	0.0
2000	34	100.1	99.1	34	-0.5	-2.4	0	0.0
2001	87	99.0	99.5	87	-0.6	-4.1	29	106.9
2002	85	98.6	99.2	85	-0.6	-5.2	17	106.2
2003	63	99.4	99.0	63	-0.2	-20.3	19	106.7
2004	67	98.8	99.3	67	0.0	-22.8	19	106.7
2005	84	98.3	99.4	84	-0.1	-17.2	20	105.0
2006	102	99.4	99.0	102	0.1	-25.4	23	106.7
2007	37	100.1	99.5	37	1.2	-57.4	12	106.7
2008	70	99.6	99.5	70	0.8	-46.2	16	105.4
2009	76	100.2	99.3	76	0.9	-49.8	20	105.2
2010	47	99.2	99.5	47	0.4	-38.6	4	106.8
2011	38	100.1	98.9	38	0.8	-42.9	9	105.4
2012	40	100.8	99.2	40	1.2	-58.4	6	107.7
2013	41	101.0	98.5	41	1.7	-57.9	27	105.3
2014	36	101.3	98.9	37	1.7	-62.6	13	107.6

2015	39	101.3	98.3	39	1.9	-71.0	9	108.6
2016	70	101.1	99.0	70	1.8	-61.6	24	106.0
2017	38	101.0	97.7	38	2.3	-69.5	21	105.1

Tabel: 216 Fleck Vieh: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1990	17	100.0	1	103.0	1	101.0	17	95.6
1991	13	100.5	1	109.0	1	105.0	13	95.4
1992	25	99.8	0	0.0	0	0.0	25	95.0
1993	21	100.0	1	106.0	1	103.0	21	94.5
1994	26	99.8	0	0.0	1	104.0	26	95.1
1995	40	99.9	0	0.0	3	104.0	40	95.7
1996	27	99.9	0	0.0	2	104.5	27	95.6
1997	36	100.0	2	104.5	2	103.5	36	95.8
1998	37	100.1	2	106.0	2	104.5	37	95.1
1999	59	99.8	2	105.0	3	102.7	59	94.7
2000	27	99.9	0	0.0	0	0.0	27	95.5
2001	61	100.0	2	101.5	5	102.4	61	94.7
2002	57	100.0	0	0.0	1	99.0	57	95.3
2003	48	100.4	3	104.3	5	102.8	48	94.9
2004	48	100.4	2	105.5	3	102.3	48	94.4
2005	44	99.8	1	101.0	2	104.0	44	94.2
2006	70	100.1	0	0.0	5	102.8	70	95.2
2007	23	100.7	1	105.0	1	104.0	23	95.0
2008	55	100.3	3	104.3	7	102.7	55	94.3
2009	52	100.2	0	0.0	1	101.0	52	95.0
2010	37	100.1	0	0.0	0	0.0	37	94.5
2011	35	100.1	0	0.0	0	0.0	35	94.5
2012	35	100.3	0	0.0	0	0.0	35	94.8
2013	38	100.0	0	0.0	0	0.0	38	94.4
2014	34	99.9	0	0.0	0	0.0	34	94.5
2015	26	100.1	0	0.0	0	0.0	26	95.5
2016	38	99.8	0	0.0	0	0.0	38	95.6
2017	24	99.7	0	0.0	0	0.0	24	94.8

Tabel: 217 Fleck Vieh: Reproductiestoornissen
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1995	18	104.4	100.8	108.8	101.0	105.8	103.7
1996	12	105.0	101.3	109.8	101.4	106.1	104.3
1997	14	104.6	101.1	108.9	101.4	106.0	104.0
1999	17	104.1	100.7	108.4	100.9	105.9	103.4
2001	26	104.4	100.5	108.8	101.2	105.8	103.8

2002	11	104.3	100.5	108.4	101.0	105.8	104.1
2003	14	103.6	99.9	107.9	100.4	105.6	103.9
2004	13	103.2	99.3	107.3	100.3	105.2	103.8
2005	11	103.6	99.8	108.1	100.2	105.4	102.9
2006	12	103.5	99.3	107.8	100.4	105.3	102.8
2008	10	103.9	100.2	107.9	100.8	105.9	103.5

Tabel: 218 Brown Swiss: Melkproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	11	-1445.6	-59.5	-47.1	-64.6	7.9	7.3	1.6	-337.5
1991	18	-1620.0	-57.3	-53.8	-72.7	24.2	7.3	1.4	-363.1
1992	19	-1600.3	-64.1	-55.1	-71.7	11.6	3.8	1.7	-381.9
1993	21	-1632.8	-61.2	-54.7	-73.1	18.6	6.3	1.8	-374.8
1994	20	-1480.3	-60.0	-50.0	-66.3	10.3	5.4	1.6	-350.8
1995	22	-1479.3	-58.9	-48.5	-66.1	11.1	7.2	1.7	-342.2
1996	17	-1272.8	-52.7	-44.7	-56.8	6.2	1.6	1.7	-311.1
1997	23	-1455.9	-56.9	-50.3	-65.2	12.3	3.2	1.6	-345.4
1998	27	-1478.4	-58.1	-48.9	-66.3	12.5	6.6	1.6	-342.3
1999	17	-1261.9	-49.2	-42.2	-56.4	10.6	4.6	1.5	-293.2
2000	24	-1242.3	-53.6	-44.8	-55.1	3.2	-0.0	2.1	-312.7
2001	15	-1375.7	-55.4	-45.1	-61.5	9.8	6.5	1.7	-319.5
2002	13	-1382.3	-46.6	-42.8	-59.8	22.7	10.2	4.8	-291.5
2003	26	-1276.0	-51.6	-43.5	-56.7	8.4	3.7	2.1	-303.7
2004	16	-933.7	-34.9	-31.8	-41.3	9.7	2.6	1.6	-216.2
2005	10	-1218.8	-44.9	-38.0	-54.0	14.2	8.4	2.1	-266.5
2006	19	-1052.6	-43.6	-36.1	-46.8	5.3	2.6	1.4	-253.7
2008	12	-969.9	-43.2	-34.2	-42.9	0.7	1.3	1.8	-243.8
2009	10	-922.3	-45.9	-34.3	-41.6	-6.0	-1.3	0.5	-249.6
2010	10	-440.9	-20.8	-15.6	-19.1	-1.1	0.8	1.2	-113.5
2012	11	-587.5	-25.5	-19.5	-26.1	1.6	2.5	0.8	-141.5

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

Tabel: 219 Brown Swiss: Exterieurkenmerken bouw
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1991	16	96.1	100.1	94.7	92.6	105.2	99.9	89.9
1992	13	96.4	100.2	94.8	92.9	104.9	100.8	90.5
1993	19	96.1	100.7	94.7	92.6	106.3	99.8	89.0
1994	14	96.4	100.6	94.5	93.0	106.0	100.5	88.8
1995	14	95.6	100.8	96.1	93.7	105.3	99.7	89.1
1996	13	97.3	101.0	96.6	94.2	105.4	99.5	89.7
1997	17	97.9	100.6	95.8	93.7	105.4	101.4	90.2
1998	16	96.9	101.2	95.9	93.2	106.2	100.1	89.2
1999	12	97.1	100.8	95.7	93.6	105.3	100.7	89.9
2000	16	96.9	101.2	96.2	93.4	105.6	100.6	90.6
2003	19	96.3	100.0	95.2	93.2	105.8	101.1	89.2

2006 10 97.2 99.6 95.6 93.7 105.1 101.0 89.0

Tabel: 220 Brown Swiss: Exterieurkenmerken beenwerk
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1991	16	106.8	96.7	110.0	103.2	106.1
1992	13	106.5	96.5	111.0	103.3	105.4
1993	19	107.2	95.6	111.6	104.1	106.6
1994	14	107.5	95.8	111.5	104.2	106.6
1995	14	107.1	96.6	110.8	103.4	106.2
1996	13	107.8	96.2	111.5	104.0	106.6
1997	17	107.4	95.6	112.2	103.3	106.1
1998	16	107.8	94.9	112.8	103.9	106.6
1999	12	107.0	95.6	111.2	103.8	105.7
2000	16	107.8	95.7	111.6	103.9	106.3
2003	19	108.6	93.9	112.8	104.5	107.4
2006	10	107.2	96.4	111.1	103.7	105.8

Tabel: 221 Brown Swiss: Exterieurkenmerken uier
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1991	16	95.3	98.4	104.8	96.2	90.3	94.4	94.4
1992	13	94.7	98.1	105.2	95.1	90.0	94.1	94.5
1993	19	95.2	98.6	105.4	95.5	90.2	94.1	94.3
1994	14	95.2	99.1	104.3	95.4	90.3	94.2	95.2
1995	14	94.8	98.6	103.8	94.1	89.2	93.4	94.7
1996	13	95.5	98.4	104.2	95.9	89.9	94.6	94.7
1997	17	94.9	98.0	104.9	95.9	89.9	94.5	95.2
1998	16	95.4	98.2	104.9	95.8	89.6	95.0	95.2
1999	12	95.1	99.2	104.4	95.2	90.2	95.5	95.8
2000	16	94.8	97.4	104.2	95.2	89.4	94.1	93.8
2003	19	95.1	98.5	104.5	95.7	90.1	94.6	94.8
2006	10	95.6	98.0	103.6	96.2	90.6	94.5	94.4

Tabel: 222 Brown Swiss: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1991	16	92.9	96.8	92.9	106.9	0.0	97.3
1992	13	93.8	96.8	91.8	106.4	0.0	96.7
1993	19	92.6	97.2	92.4	107.3	0.0	97.2
1994	14	92.9	97.1	92.4	107.3	0.0	97.3
1995	14	93.2	97.4	91.3	107.2	0.0	96.7
1996	13	93.7	97.8	92.8	107.4	0.0	97.9

1997	17	94.4	97.7	92.3	107.0	0.0	97.6
1998	16	93.5	97.6	92.4	107.2	0.0	97.4
1999	12	93.8	97.5	92.4	106.2	0.0	97.1
2000	16	94.6	97.8	91.9	107.1	0.0	97.4
2003	19	93.3	97.4	92.5	107.5	0.0	97.5
2006	10	93.0	97.1	93.1	106.7	0.0	97.4

Tabel: 223 Brown Swiss: Vruchtbaarheidskenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1990	10	102.7	103.1	103.2	102.7	102.2	94.9	86.3	103.2
1991	16	101.8	103.5	102.8	102.8	101.8	96.4	88.4	102.9
1992	17	101.9	103.8	102.8	102.9	101.9	96.0	88.5	103.1
1993	21	102.2	102.9	102.7	102.4	101.8	95.8	87.4	102.7
1994	19	103.0	102.3	102.8	102.4	102.3	96.7	87.9	102.7
1995	22	102.8	102.3	102.5	102.0	102.2	96.6	87.3	102.5
1996	17	102.5	103.1	102.8	102.6	102.0	96.6	88.2	102.9
1997	25	102.4	102.9	102.8	102.7	102.0	96.8	88.4	102.9
1998	26	102.2	103.1	102.8	102.5	102.0	96.0	87.5	102.9
1999	17	101.9	103.0	102.4	102.3	101.6	96.1	88.2	102.6
2000	23	103.3	102.7	103.2	102.7	102.6	96.3	88.2	103.1
2001	19	102.3	103.4	103.1	102.9	102.3	96.6	87.9	103.2
2002	15	102.2	102.4	102.5	101.9	101.7	95.7	87.8	102.6
2003	26	102.0	103.5	103.2	103.1	102.2	96.3	88.7	103.5
2004	18	102.3	102.9	103.1	102.4	102.3	97.4	89.3	103.0
2005	10	102.8	102.8	103.1	102.6	102.3	96.4	88.6	103.0
2006	19	103.0	102.3	103.3	102.7	102.6	96.9	89.2	103.3
2007	12	102.0	103.6	103.5	103.2	102.3	95.8	89.5	103.6
2008	11	103.0	102.4	103.4	102.8	102.8	98.1	90.1	103.2
2009	10	102.3	103.8	103.5	103.5	102.6	96.6	89.4	103.7
2010	11	102.8	102.7	104.0	103.3	103.1	97.1	90.7	104.0
2012	10	102.7	102.0	102.9	102.3	102.0	96.0	90.0	102.8

Tabel: 224 Brown Swiss: Gebruikskkenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1991	10	95.6	96.9	96.3	99.1	102.3
1992	11	96.2	80.0	97.2	99.1	102.2
1993	16	95.5	93.2	96.3	98.5	102.0
1994	14	97.5	99.8	96.9	99.3	102.8
1995	15	99.3	79.9	97.4	99.4	103.0
1996	13	97.8	82.7	98.1	100.2	102.8
1997	17	95.5	92.4	97.5	98.7	102.6
1998	15	96.1	92.1	97.9	99.9	103.0
1999	12	95.2	90.1	97.8	99.6	102.8
2000	16	96.8	91.8	98.0	100.0	102.6
2002	10	96.3	99.7	98.7	99.9	103.7
2003	18	96.6	93.3	98.6	99.8	103.2

2006 10 95.7 88.8 98.4 100.1 102.7

Tabel: 225 Brown Swiss: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar BVK	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1990 105.2	11	-78.8	-337.5	-134.6	101.4	103.2	92.1	106.8	103.3
1991 97.3	18	-100.6	-363.1	-183.0	101.0	102.9	92.9	106.9	102.1
1992 100.4	19	-102.8	-381.9	-73.9	100.9	103.1	91.8	106.4	102.9
1993 82.3	21	-99.8	-374.8	-90.5	100.6	102.7	92.4	107.3	103.0
1994 88.8	20	-83.2	-350.8	-48.9	101.3	102.7	92.4	107.3	102.8
1995 95.5	22	-88.5	-342.2	-82.8	101.5	102.5	91.3	107.2	102.6
1996 70.5	17	-63.9	-311.1	-11.6	101.9	102.9	92.8	107.4	102.4
1997 89.6	23	-88.0	-345.4	-84.2	100.9	102.9	92.3	107.0	102.7
1998 79.9	27	-86.1	-342.3	-67.2	101.8	102.9	92.4	107.2	102.4
1999 69.1	17	-71.8	-293.2	-122.9	101.6	102.6	92.4	106.2	103.5
2000 64.7	24	-74.7	-312.7	-85.8	101.7	103.1	91.9	107.1	103.2
2001 78.9	15	-58.4	-319.5	9.0	101.6	103.2	93.0	108.3	103.1
2002 76.0	13	-61.5	-291.5	-113.7	102.3	102.6	92.1	106.1	102.4
2003 64.1	26	-57.0	-303.7	-57.8	101.9	103.5	92.5	107.5	103.2
2004 62.7	16	0.6	-216.2	127.7	102.9	103.0	94.1	109.6	103.0
2005 72.0	10	-53.4	-266.5	-117.4	102.1	103.0	91.9	106.7	102.8
2006 57.0	19	-45.1	-253.7	-30.1	101.7	103.3	93.1	106.7	102.8
2008 40.1	12	-26.5	-243.8	1.9	102.8	103.2	92.8	106.2	103.5
2009 49.8	10	-28.7	-249.6	56.8	101.6	103.7	92.3	106.3	102.9
2010 26.3	10	29.5	-113.5	66.4	102.3	104.0	93.0	107.8	103.4
2012 7.2	11	14.6	-141.5	47.1	104.4	102.8	91.3	105.7	103.5

Tabel: 226 Brown Swiss: Levensvatbaarheidskenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1992	13	97.5	104.4	97.5	104.4	96.4	104.1
1993	12	98.5	104.2	98.5	104.2	96.9	103.1
1994	17	97.8	104.3	97.8	104.3	96.3	103.6
1995	14	97.9	103.9	97.9	103.9	95.6	102.9
1996	13	96.5	104.9	96.5	104.9	94.6	104.8
1997	21	97.4	104.4	97.4	104.4	96.0	104.0
1998	15	97.9	104.1	97.9	104.1	96.1	103.6
1999	13	98.5	104.7	98.5	104.7	96.2	104.1
2000	18	97.6	104.9	97.6	104.9	96.4	104.7
2001	15	97.0	105.1	97.0	105.1	95.1	103.7
2002	16	97.2	104.4	97.2	104.4	95.4	103.4
2003	18	97.9	104.6	97.9	104.6	95.9	104.0
2004	19	97.5	104.8	97.5	104.8	96.2	104.3
2006	11	98.4	104.0	98.4	104.0	96.2	104.0
2008	10	98.0	104.7	98.0	104.7	95.6	103.3
2010	10	97.1	105.3	97.1	105.3	95.6	103.8

Tabel: 227 Brown Swiss: Geboortekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	93.6	113.3	107.3	111.5	100.8	95.2
1992	15	94.2	111.7	106.5	113.6	100.0	94.1
1993	17	94.5	112.7	106.0	99.1	89.3	84.3
1994	16	93.7	112.2	106.9	112.0	100.9	95.3
1995	15	93.9	111.8	106.7	104.8	94.1	88.4
1996	14	93.4	112.4	107.3	105.1	93.3	87.5
1997	22	93.3	113.1	107.5	108.0	96.2	90.6
1998	18	93.3	113.4	107.7	105.6	95.4	90.7
1999	16	94.0	112.9	106.9	112.4	100.9	95.4
2000	17	94.9	112.1	105.4	113.6	100.4	93.2
2001	12	94.9	111.8	105.7	113.2	99.5	92.6
2002	13	93.8	112.9	107.0	112.2	99.8	94.2
2003	20	94.4	112.5	106.2	112.2	99.7	94.6
2004	15	94.1	114.1	106.5	111.3	100.5	95.9
2006	14	93.7	112.2	107.1	104.2	93.1	88.1
2007	10	93.0	113.3	107.9	112.0	100.8	96.0
2008	15	94.4	112.4	106.0	111.5	99.7	95.9
2010	16	93.4	113.7	107.2	112.1	100.0	94.5
2012	11	93.3	112.0	107.4	111.0	99.9	95.2
2014	11	93.9	113.6	106.7	112.0	99.4	93.7

Tabel: 228 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	14	101.4	108.9	98.4	101.4	108.7	103.2	99.9	94.1	109.5
99.3	109.0									
1992	13	101.5	109.5	98.8	101.5	109.1	102.9	99.9	93.1	110.0
99.0	109.3									
1993	16	100.4	109.9	97.8	101.6	108.2	103.3	98.9	93.3	110.2
98.9	108.8									
1994	16	101.4	109.8	97.8	101.9	109.4	103.3	99.4	94.2	110.5
99.0	109.2									
1995	19	101.1	109.2	98.5	101.1	109.3	102.7	99.5	93.9	110.1
98.8	108.4									
1996	14	101.2	109.4	97.9	102.2	108.4	103.0	100.0	93.6	109.6
98.5	109.6									
1997	21	101.2	109.4	98.7	101.6	109.0	103.0	100.1	93.5	109.8
99.5	108.8									
1998	18	101.3	109.7	98.5	101.7	109.2	103.1	100.2	93.3	110.1
99.6	109.1									
1999	13	101.7	108.8	97.6	101.7	108.5	102.2	100.2	94.6	109.5
98.3	109.5									
2000	18	102.4	108.4	98.4	101.4	108.9	102.2	101.2	94.1	109.2
98.5	109.5									
2002	11	101.5	109.4	98.1	102.2	108.9	103.0	100.2	93.8	109.6
99.5	109.0									
2003	20	101.8	108.8	98.8	101.3	108.8	102.5	100.7	94.5	109.3
100.0	108.4									
2006	14	100.8	108.3	98.8	100.7	108.4	103.3	99.5	93.6	109.1
99.7	106.5									

Tabel: 229 Brown Swiss: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	13	90.5	98.6	83.5
1993	12	92.0	99.4	83.0
1994	18	91.4	98.8	83.1
1995	14	90.6	98.2	82.2
1996	14	91.2	98.9	82.2
1997	22	90.8	98.6	82.8
1998	15	91.6	99.3	82.5
1999	13	92.0	99.9	82.8
2000	16	91.5	99.0	83.8
2001	16	92.8	99.9	82.8
2002	16	91.9	99.2	83.6
2003	18	93.5	100.6	84.3
2004	18	92.7	100.4	83.2
2006	10	93.0	100.4	83.1
2008	11	94.7	101.3	84.2
2010	10	94.5	101.1	83.2

Tabel: 230 Brown Swiss: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	15	-1400.9	-5975.8	-242.1	-197.7
2002	12	-1817.1	-8174.2	-300.7	-261.4
2003	26	-1706.7	-7114.4	-290.8	-243.4
2004	15	-334.7	-1749.3	-46.0	-52.2
2005	10	-1917.2	-8275.7	-327.4	-272.2
2006	19	-1387.9	-5753.1	-238.3	-197.3
2008	12	-1125.2	-4545.4	-196.7	-158.4
2010	10	-257.2	-968.4	-47.9	-35.0
2012	11	-513.1	-2172.9	-93.1	-70.3

Tabel: 231 Brown Swiss: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1993	12	98.2	94.9	106.5
1994	14	97.9	96.4	106.3
1995	10	98.9	95.5	106.5
1996	12	97.8	95.5	107.8
1997	14	97.6	95.6	106.9
1998	11	97.5	95.9	106.6
1999	10	96.6	95.9	106.8
2000	13	97.8	95.5	106.8
2003	12	98.3	96.8	106.2
2004	12	99.3	98.2	107.0
2006	13	97.6	95.0	106.6

Tabel: 232 Brown Swiss: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1990	11	101.0	99.9	11	-4.0	105.2	0	0.0
1991	18	101.2	100.4	18	-4.0	97.3	0	0.0
1992	19	102.0	100.4	19	-4.2	100.4	0	0.0
1993	21	100.4	100.3	22	-3.8	82.3	0	0.0
1994	20	101.2	99.5	20	-3.8	88.8	0	0.0
1995	22	100.0	99.5	22	-3.9	95.5	0	0.0
1996	17	102.1	100.5	17	-3.2	70.5	0	0.0
1997	23	101.1	99.3	23	-3.8	89.6	0	0.0
1998	27	101.9	100.1	27	-3.6	79.9	0	0.0
1999	17	102.3	99.8	17	-3.1	69.1	0	0.0
2000	24	102.2	99.1	24	-3.1	64.7	0	0.0

2001	15	102.8	100.4	15	-3.5	78.9	6	97.3
2002	13	102.1	99.2	13	-3.2	76.0	9	97.2
2003	26	102.9	100.3	26	-3.1	64.1	19	97.2
2004	16	103.4	101.3	16	-2.5	62.7	9	96.8
2005	10	102.3	100.3	10	-3.0	72.0	7	97.9
2006	19	102.6	99.9	19	-2.6	57.0	10	97.2
2008	12	103.0	99.1	12	-2.3	40.1	6	98.7
2009	10	102.1	99.2	10	-2.5	49.8	6	97.7
2010	10	102.6	99.9	10	-1.2	26.3	6	97.7
2012	11	101.9	101.4	11	-1.1	7.2	7	100.4

Tabel: 233 Brown Swiss: Stofwisselingsaandoeningen
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1991	12	100.0	0	0.0	0	0.0	12	98.4
1992	15	100.0	0	0.0	0	0.0	15	99.7
1993	17	99.9	0	0.0	1	98.0	17	99.7
1994	16	100.0	0	0.0	0	0.0	16	100.2
1995	17	100.1	1	100.0	1	102.0	17	99.5
1996	14	99.9	1	98.0	3	99.7	14	100.9
1997	18	100.0	0	0.0	0	0.0	18	99.3
1998	18	100.0	0	0.0	1	100.0	18	99.9
1999	15	99.9	0	0.0	2	97.5	15	100.7
2000	18	99.9	0	0.0	2	98.5	18	100.3
2001	11	99.9	1	98.0	1	100.0	11	101.5
2002	11	100.0	0	0.0	0	0.0	11	101.3
2003	20	100.0	1	100.0	1	98.0	20	100.4
2004	16	100.0	0	0.0	0	0.0	16	100.2
2006	17	99.8	1	101.0	3	96.3	17	99.6
2010	10	99.9	0	0.0	0	0.0	10	100.7
2012	11	99.9	0	0.0	1	97.0	11	101.0

Tabel: 234 Roodbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	555	-1871.5	-79.8	-73.9	-92.2	8.1	-10.5	-13.3	-498.3
1981	444	-1805.0	-75.9	-71.2	-89.1	9.7	-10.0	-13.2	-478.3
1982	429	-1822.4	-75.0	-72.4	-89.9	13.3	-11.3	-13.1	-481.5
1983	410	-1853.4	-77.2	-73.8	-91.4	11.9	-11.6	-13.3	-492.0
1984	287	-1783.4	-74.6	-72.6	-88.1	10.9	-14.3	-13.2	-480.7
1985	194	-1700.0	-68.0	-67.7	-84.4	16.6	-10.3	-13.0	-445.6
1986	212	-1717.3	-70.4	-69.2	-85.2	13.4	-12.1	-13.1	-457.1
1987	253	-1569.1	-64.3	-64.9	-78.4	12.0	-13.9	-12.8	-424.7
1988	289	-1572.5	-64.7	-64.1	-78.5	11.4	-12.1	-12.7	-422.3
1989	184	-1528.7	-64.4	-64.0	-76.5	7.9	-15.1	-12.7	-420.7
1990	111	-1390.0	-57.6	-59.2	-70.3	9.0	-15.0	-12.6	-385.1

1991	57	-1379.0	-55.6	-58.7	-69.7	11.8	-15.4	-12.4	-378.6
1992	31	-1298.9	-50.7	-57.9	-66.1	13.7	-19.1	-12.4	-363.9
1993	18	-1008.6	-47.1	-47.6	-52.8	-3.9	-18.7	-11.9	-310.0
1994	19	-1075.3	-44.9	-47.9	-55.9	5.8	-15.2	-12.1	-307.5

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

Tabel: 235 Roodbont: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	149	91.2	93.6	93.2	93.5	96.8	92.5	96.1
1981	137	90.9	93.8	91.9	91.5	98.5	92.7	96.1
1982	156	91.0	94.1	91.8	91.2	99.0	93.1	96.3
1983	124	92.8	94.0	94.1	94.3	97.7	94.0	96.8
1984	87	93.1	94.0	94.6	94.6	97.4	93.1	97.1
1985	66	92.8	93.9	94.5	94.3	97.6	93.8	96.7
1986	59	93.6	93.5	94.2	94.5	97.5	93.9	96.6
1987	63	94.1	93.3	94.5	94.9	96.7	93.7	96.3
1988	84	94.2	93.4	95.0	95.5	96.2	94.0	96.5
1989	70	94.6	93.0	95.0	95.9	96.2	93.3	96.5
1990	26	95.3	91.8	95.4	96.4	95.0	93.5	96.3
1991	16	94.8	93.4	96.2	96.4	96.1	91.8	96.6
1994	10	95.7	98.2	98.6	96.8	99.8	96.9	99.4

Tabel: 236 Roodbont: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1980	149	91.4	96.9	93.5	89.8	90.4
1981	137	93.8	97.7	94.1	91.3	93.0
1982	156	93.6	97.5	94.3	91.2	92.6
1983	124	92.2	97.3	95.3	90.4	91.2
1984	87	92.6	97.2	95.0	90.2	91.8
1985	66	92.6	98.7	94.3	90.6	91.6
1986	59	92.9	98.1	94.3	90.7	91.8
1987	63	93.4	97.6	94.8	90.9	92.9
1988	84	93.4	98.4	95.0	91.1	92.7
1989	70	93.5	98.8	95.0	90.9	92.7
1990	26	93.2	99.0	94.6	90.3	91.7
1991	16	93.2	99.6	94.1	90.9	92.8
1994	10	95.8	98.7	96.7	93.5	94.8

Tabel: 237 Roodbont: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1980	149	96.4	90.8	99.0	97.0	95.3	96.1	90.8
1981	137	96.7	92.6	98.6	98.7	96.7	97.8	93.0
1982	156	97.0	93.2	98.5	99.3	96.9	98.0	93.3
1983	124	96.6	92.2	99.9	98.6	95.6	96.6	92.2
1984	87	97.6	93.7	100.1	99.3	96.7	97.3	93.5
1985	66	97.3	93.7	99.9	97.8	96.3	96.8	93.1
1986	59	97.7	93.3	99.9	98.5	96.6	97.2	92.7
1987	63	97.2	94.2	100.6	98.3	97.3	97.0	93.4
1988	84	96.9	94.5	101.4	98.0	97.2	96.6	93.2
1989	70	97.6	95.2	100.0	98.6	97.0	97.6	94.2
1990	26	99.1	95.8	100.4	100.1	98.7	98.2	94.7
1991	16	98.5	96.1	97.8	99.0	97.0	98.5	94.8
1994	10	97.4	96.3	100.4	97.8	95.9	97.8	95.6

Tabel: 238 Roodbont: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	149	89.5	91.4	95.9	88.6	94.1	87.3
1981	137	89.4	90.9	97.4	91.5	96.7	89.6
1982	156	89.7	91.1	97.9	91.1	97.4	89.7
1983	124	91.1	93.1	96.8	89.7	96.2	89.2
1984	87	91.1	93.3	98.0	90.1	96.1	90.0
1985	66	91.1	92.9	97.1	90.3	96.3	89.7
1986	59	90.8	92.6	97.6	90.3	96.4	89.7
1987	63	90.7	92.4	97.6	91.4	95.2	90.2
1988	84	91.1	92.7	97.4	91.4	94.1	90.2
1989	70	90.7	92.7	97.8	91.5	93.5	90.5
1990	26	90.5	91.9	99.7	90.6	93.2	90.8
1991	16	90.4	93.4	98.4	91.6	94.0	90.8
1994	10	96.7	97.9	96.9	93.8	99.0	93.8

Tabel: 239 Roodbont: Vruchtbaarheidsskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1479	102.1	102.9	101.9	101.9	100.6	101.6	94.1	102.1
1981	1051	102.0	103.1	101.9	102.2	100.8	102.1	92.1	102.3
1982	984	102.9	103.1	102.3	102.6	101.5	101.7	90.5	102.7
1983	835	102.5	102.8	101.9	102.1	101.0	101.6	92.8	102.2
1984	535	101.9	102.7	101.2	101.7	100.4	102.0	92.8	101.6
1985	290	102.4	102.7	101.7	102.1	101.0	101.9	92.0	102.1
1986	260	102.9	101.5	101.4	101.3	100.8	103.0	92.5	101.4
1987	254	102.2	102.1	101.2	101.6	100.6	101.9	92.7	101.6
1988	291	101.9	102.6	101.4	102.0	100.7	102.1	92.2	101.9
1989	189	101.8	101.7	100.8	101.1	100.4	102.2	92.8	101.1
1990	104	101.8	101.6	100.8	100.9	100.5	101.8	93.3	101.0
1991	55	102.0	100.9	100.7	100.4	100.2	102.2	93.0	100.7
1992	33	101.8	101.0	100.6	100.5	100.0	102.7	95.2	100.6
1993	18	102.2	100.4	100.5	100.2	100.6	102.7	95.1	100.4

1983	26	101.1	104.3	97.2	99.9	105.6	99.2	100.7	96.5	108.7
100.8	97.9									
1984	14	102.4	105.3	96.6	100.9	106.7	98.7	101.5	97.6	109.0
100.4	99.1									
1985	11	103.7	106.3	97.7	101.8	107.4	98.5	102.3	99.4	108.6
99.9	101.5									
1986	16	102.6	105.5	96.6	100.9	106.8	98.8	101.6	97.8	108.9
99.1	101.4									
1987	11	103.5	105.3	98.5	101.3	107.7	98.6	102.5	98.3	107.8
99.6	100.6									

Tabel: 245 Roodbont: Overige productie en efficiency kenm.
Basis: Dubbeloel
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1980	555	100.5	96.0	0	0.0	0.0	0	0.0
1981	444	101.0	97.3	0	0.0	0.0	0	0.0
1982	429	101.3	98.4	0	0.0	0.0	0	0.0
1983	410	100.4	97.4	0	0.0	0.0	0	0.0
1984	287	99.6	97.7	0	0.0	0.0	0	0.0
1985	194	99.9	98.1	200	-4.5	102.5	0	0.0
1986	212	99.2	97.7	217	-4.6	100.8	0	0.0
1987	253	99.2	97.2	259	-4.2	91.0	0	0.0
1988	289	99.4	97.3	296	-4.2	92.9	0	0.0
1989	184	99.6	97.8	193	-4.0	85.9	0	0.0
1990	111	98.8	98.0	114	-3.8	85.1	0	0.0
1991	57	98.6	97.6	58	-3.8	88.3	0	0.0
1992	31	98.4	98.5	31	-3.9	102.4	0	0.0
1993	18	97.8	97.1	18	-3.1	70.0	0	0.0
1994	19	98.5	98.2	19	-3.1	70.5	0	0.0

Tabel: 246 Montbéliard: Melkproductiekenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1986	12	-1500.6	-80.2	-58.9	-67.2	-19.2	-7.4	1.6	-430.1
1987	11	-1474.2	-73.2	-58.9	-66.1	-10.5	-8.8	1.5	-415.2
1988	20	-1609.7	-81.0	-60.9	-72.3	-13.6	-4.6	1.6	-441.4
1989	28	-1803.9	-85.6	-67.9	-81.0	-7.6	-4.7	1.7	-482.4
1990	22	-1693.1	-78.9	-63.7	-76.0	-4.7	-4.4	1.7	-449.7
1991	20	-1576.8	-78.2	-61.2	-70.7	-11.3	-6.8	1.7	-436.5
1992	25	-1529.0	-74.4	-58.4	-68.6	-8.8	-5.0	1.6	-416.4
1993	20	-1544.6	-74.3	-59.6	-69.1	-7.2	-5.2	1.9	-421.2
1994	31	-1314.4	-66.3	-52.3	-58.7	-10.7	-7.2	1.6	-371.4
1995	17	-1522.2	-75.8	-58.8	-68.2	-11.2	-5.9	1.6	-420.7
1996	25	-1506.1	-74.8	-57.6	-67.5	-11.0	-5.2	1.6	-413.8
1997	32	-1083.6	-58.0	-44.1	-48.2	-13.2	-7.3	1.6	-317.2
1998	25	-1403.7	-66.7	-50.3	-62.8	-5.2	0.5	1.8	-365.0
1999	30	-1342.6	-68.7	-51.0	-60.0	-12.5	-4.0	1.6	-371.3

2000	29	-1266.9	-64.8	-46.3	-56.6	-10.9	-0.7	1.5	-342.8
2001	26	-1346.8	-63.4	-49.8	-60.2	-3.9	-1.7	1.8	-355.5
2002	19	-1024.9	-56.6	-41.5	-44.6	-15.0	-6.5	2.8	-302.5
2003	25	-916.6	-53.1	-37.8	-38.5	-16.0	-6.3	4.5	-278.3
2004	19	-999.1	-59.3	-41.1	-41.4	-20.1	-6.9	5.9	-305.4
2005	19	-1128.6	-62.2	-44.3	-45.8	-15.7	-4.7	8.4	-325.9
2006	22	-1039.1	-58.2	-42.0	-44.5	-16.0	-6.0	3.9	-307.5
2007	19	-661.8	-40.3	-27.8	-28.6	-13.9	-5.3	1.9	-207.1
2008	22	-802.1	-46.3	-32.7	-33.8	-13.6	-4.9	3.7	-241.5
2009	15	-455.0	-35.3	-21.8	-18.9	-18.8	-6.8	2.3	-169.1
2015	14	79.9	-17.9	-4.9	3.6	-25.1	-8.9	0.1	-56.4
2016	13	-181.5	-24.4	-10.0	-4.1	-19.7	-4.1	5.5	-93.3

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

Tabel: 247 Montbéliard: Exterieurkenmerken bouw

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	12	94.2	107.2	93.2	85.9	112.2	107.7	92.8
1991	11	94.5	107.8	93.8	86.5	112.6	105.5	92.2
1992	14	94.6	107.9	93.9	86.3	112.5	107.9	92.6
1994	14	95.4	110.1	95.6	87.1	112.9	107.0	92.9
1997	19	96.1	109.8	95.9	87.1	113.4	108.4	92.8
1998	14	95.3	109.3	94.4	85.8	113.5	107.9	92.5
1999	14	94.5	109.4	94.6	86.6	112.7	107.6	93.1
2006	10	96.8	109.4	94.4	86.7	113.2	106.4	93.1
2009	10	97.2	109.8	95.3	87.7	112.3	107.8	92.9

Tabel: 248 Montbéliard: Exterieurkenmerken beenwerk

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	BA	BZ	KH	VB	BG
1989	12	101.0	96.2	107.8	104.2	96.7
1991	11	101.8	95.2	107.5	104.7	97.9
1992	14	101.1	96.0	107.9	104.6	97.1
1994	14	102.0	95.0	106.1	104.3	98.8
1997	19	102.2	95.4	106.4	104.7	98.9
1998	14	101.9	96.4	106.1	104.7	98.7
1999	14	102.2	96.6	105.8	105.1	98.6
2006	10	103.3	94.2	108.4	105.7	99.8
2009	10	102.3	94.5	108.3	104.8	98.6

Tabel: 249 Montbéliard: Exterieurkenmerken uier

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1989	12	88.9	90.9	104.6	91.3	81.2	90.2	90.0
1991	11	90.0	91.3	103.9	91.5	83.5	91.3	90.9
1992	14	88.8	90.6	104.9	90.7	81.4	90.4	89.9
1994	14	89.1	91.1	106.6	90.1	83.7	89.5	87.9
1997	19	88.4	90.7	104.5	91.1	82.2	91.3	90.1
1998	14	89.3	91.0	103.2	91.9	82.8	91.7	89.8
1999	14	89.4	91.4	105.4	90.8	83.3	91.1	89.6
2006	10	89.6	90.3	104.4	92.0	83.9	91.8	90.0
2009	10	89.5	92.2	104.9	91.8	83.2	91.4	90.4

Tabel: 250 Montbéliard: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	12	98.9	95.7	84.2	97.8	0.0	89.5
1991	11	98.0	95.9	85.6	98.2	0.0	90.2
1992	14	99.1	95.9	84.0	97.9	0.0	89.6
1994	14	99.6	96.2	84.4	98.8	0.0	90.4
1997	19	100.1	96.7	84.4	99.2	0.0	90.7
1998	14	99.2	95.8	85.6	99.1	0.0	91.0
1999	14	99.5	95.9	85.2	99.2	0.0	91.0
2006	10	98.9	96.1	86.0	99.8	0.0	91.6
2009	10	99.3	96.5	85.5	98.6	0.0	90.7

Tabel: 251 Montbéliard: Vruchtbaarheidsskenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1986	13	104.2	104.8	105.0	105.5	103.9	99.2	88.2	105.6
1988	14	103.7	104.8	104.7	105.3	103.5	98.3	88.7	105.4
1989	21	104.0	105.9	105.6	106.7	104.3	98.8	89.8	106.5
1990	15	104.3	106.4	105.9	107.1	104.7	98.8	89.9	106.9
1991	20	104.0	104.9	104.8	105.7	103.8	98.7	87.8	105.5
1992	22	103.6	105.7	105.2	106.4	103.9	98.4	90.5	106.1
1993	19	103.9	105.1	105.3	106.1	104.3	98.6	88.6	106.0
1994	27	104.0	105.1	105.5	105.9	104.3	98.3	89.0	105.9
1995	13	103.4	105.0	104.8	105.5	103.8	98.5	88.8	105.5
1996	21	103.2	105.1	104.5	105.8	103.2	97.7	89.7	105.3
1997	30	103.0	106.0	104.9	106.4	103.6	97.9	90.1	105.9
1998	25	103.4	105.2	104.6	105.7	103.4	97.6	87.9	105.3
1999	29	103.1	105.1	104.4	105.6	103.3	97.6	88.9	105.2
2000	29	103.1	105.0	104.6	105.5	103.3	97.8	89.0	105.3
2001	26	103.5	104.1	104.3	104.9	103.2	98.1	88.8	104.8
2002	21	103.0	104.8	104.3	105.3	103.0	98.0	89.7	105.0
2003	33	103.7	104.6	104.8	105.4	103.7	98.5	89.6	105.4
2004	38	103.6	104.5	104.7	105.2	103.5	98.1	89.8	105.2
2005	27	103.8	104.4	104.8	105.3	103.8	97.9	89.0	105.3
2006	27	103.6	105.6	105.9	106.6	104.4	97.9	89.7	106.4
2007	25	104.2	104.8	105.5	106.1	104.5	97.1	90.0	106.0
2008	23	102.0	106.0	105.0	106.1	103.1	96.4	92.0	105.8

1995	17	-150.0	-420.7	-263.4	102.2	105.5	85.0	97.8	99.8
73.7									
1996	25	-157.6	-413.8	-230.5	102.2	105.3	83.5	99.2	100.7
41.2									
1997	32	-126.4	-317.2	-280.2	102.1	105.9	84.4	99.2	101.1
3.2									
1998	25	-143.4	-365.0	-243.0	102.1	105.3	85.6	99.1	101.1
1.8									
1999	30	-146.8	-371.3	-234.9	101.9	105.2	85.2	99.2	100.4
14.4									
2000	29	-135.3	-342.8	-256.3	101.8	105.3	83.9	100.4	101.0
-4.8									
2001	26	-138.5	-355.5	-248.1	102.1	104.8	84.7	99.0	99.6
11.2									
2002	19	-130.6	-302.5	-252.3	102.5	105.0	85.8	99.6	101.1
-24.3									
2003	25	-103.4	-278.3	-187.1	102.6	105.4	86.5	100.6	100.4
-17.1									
2004	19	-122.3	-305.4	-245.4	102.8	105.2	86.0	100.6	100.2
-25.1									
2005	19	-132.7	-325.9	-303.1	102.6	105.3	86.4	99.8	101.6
-20.9									
2006	22	-118.5	-307.5	-268.7	102.9	106.4	86.0	99.8	101.0
-28.0									
2007	19	-80.3	-207.1	-201.7	103.6	106.0	84.9	99.8	101.2
-51.2									
2008	22	-93.2	-241.5	-206.9	102.6	105.8	85.6	99.4	100.9
-34.7									
2009	15	-56.0	-169.1	-159.1	103.1	106.2	85.5	98.6	101.4
-41.1									
2015	14	-17.6	-56.4	-73.1	102.4	104.5	0.0	0.0	101.1
-56.5									
2016	13	-23.9	-93.3	-75.4	103.0	105.0	0.0	0.0	101.1
-60.7									

Tabel: 254 Montbéliard: Levensvatbaarheidskenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	12	96.0	102.7	96.0	102.7	95.6	102.8
1988	11	96.0	102.5	96.0	102.5	95.5	103.1
1989	14	95.9	102.9	95.9	102.9	95.6	102.6
1990	10	96.6	103.2	96.6	103.2	96.1	103.2
1991	11	96.3	103.4	96.3	103.4	95.3	103.5
1992	13	96.2	103.4	96.2	103.4	96.1	103.1
1993	13	95.4	102.8	95.4	102.8	93.7	103.9
1994	21	95.3	102.8	95.3	102.8	94.3	103.5
1996	10	96.3	103.2	96.3	103.2	95.7	103.9
1997	28	96.1	104.0	96.1	104.0	95.8	104.9
1998	16	95.8	104.2	95.8	104.2	95.6	104.6
1999	17	95.0	103.6	95.0	103.6	94.6	104.1
2000	12	95.0	103.6	95.0	103.6	94.4	104.2
2002	10	95.2	104.1	95.2	104.1	95.1	104.3

2003	14	94.2	104.4	94.2	104.4	94.9	104.8
2004	16	94.9	103.6	94.9	103.6	95.4	103.9
2005	13	96.3	104.1	96.3	104.1	95.8	104.0
2006	12	95.5	104.3	95.5	104.3	95.8	104.4
2007	13	95.2	104.3	95.2	104.3	93.6	105.0
2008	11	95.6	103.8	95.6	103.8	94.6	104.4
2009	15	95.4	90.1	95.4	90.1	94.7	90.5

Tabel: 255 Montbéliard: Geboortekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	11	90.7	112.6	113.2	89.2	77.7	75.8
1988	11	89.1	113.0	114.5	59.4	51.1	50.9
1989	13	89.5	112.2	114.0	108.2	92.2	92.6
1990	10	89.0	112.9	114.3	108.4	91.2	92.8
1991	12	88.9	112.4	114.9	81.3	69.1	68.3
1992	12	90.2	112.2	113.2	98.8	85.8	86.5
1993	11	88.5	112.0	115.8	100.7	85.5	81.7
1994	19	88.9	112.2	114.9	105.0	88.7	85.8
1995	10	89.1	112.1	114.8	76.9	64.9	63.8
1997	27	88.9	112.1	115.0	107.7	87.3	86.2
1998	16	89.0	112.7	114.8	103.4	85.3	85.5
1999	17	88.3	112.0	115.2	102.7	87.4	88.4
2000	13	89.8	112.3	113.9	75.4	64.3	65.6
2001	10	89.1	112.0	114.4	87.3	73.1	73.4
2002	10	89.3	112.5	114.5	87.8	75.2	74.3
2003	15	88.5	111.7	115.6	103.1	86.7	85.1
2004	17	89.1	113.1	114.5	97.6	81.8	81.2
2005	12	89.8	113.4	113.5	101.3	85.8	85.6
2006	11	89.1	111.1	114.9	101.5	84.5	83.5
2007	13	89.2	111.4	114.2	111.2	94.2	91.7
2008	12	88.6	112.4	114.9	110.3	93.9	93.9
2009	20	88.7	112.3	114.9	98.7	84.9	84.2
2010	13	87.5	112.5	116.8	100.6	87.2	87.4
2013	10	90.5	111.8	112.6	86.6	76.9	75.5
2014	10	89.8	112.7	113.6	86.1	77.0	76.2
2015	18	89.9	111.2	113.3	106.4	95.6	94.8
2016	11	89.7	111.0	113.4	105.5	97.3	97.5

Tabel: 256 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	104.7	121.9	99.4	105.7	114.5	104.1	101.0	96.5	117.7	103.6	106.6

1988	14	105.8	120.1	100.6	105.1	114.7	103.6	102.8	96.4	116.4
		104.1	106.9							
1989	16	107.1	121.3	99.1	105.4	117.0	103.1	103.8	95.6	118.5
		102.3	108.8							
1990	11	106.4	121.8	100.0	104.8	116.9	104.1	102.8	95.5	119.3
		102.8	108.9							
1991	14	105.1	121.9	99.9	105.8	114.3	104.4	101.3	96.7	117.6
		103.7	107.1							
1992	14	106.5	121.6	99.9	105.8	116.1	103.9	102.9	96.1	118.1
		103.2	108.4							
1993	12	103.8	121.8	99.9	106.2	113.5	105.2	99.9	95.5	118.1
		103.3	107.9							
1994	22	104.5	121.9	99.0	106.7	114.1	104.9	100.7	96.3	117.9
		103.2	107.8							
1995	11	104.6	121.6	99.6	106.3	114.3	104.9	100.8	96.2	117.5
		103.3	107.7							
1996	13	105.6	122.4	99.3	107.2	114.7	104.6	102.5	95.8	117.6
		103.8	108.5							
1997	28	104.5	121.4	99.5	106.7	113.1	105.2	100.9	96.4	117.1
		103.2	108.3							
1998	19	104.8	120.9	99.3	106.2	113.7	104.2	101.5	96.7	116.6
		102.7	107.7							
1999	19	105.8	120.8	99.4	106.0	115.2	103.3	102.8	95.7	116.9
		102.8	107.7							
2000	20	106.1	120.9	99.8	106.0	115.4	103.5	102.8	96.4	117.2
		102.7	108.5							
2001	16	105.9	121.1	100.2	107.0	114.2	105.1	102.5	96.7	117.0
		104.2	108.6							
2002	11	106.5	119.5	100.2	106.8	113.5	104.7	103.3	97.9	115.5
		104.6	108.5							
2003	20	105.0	120.0	100.5	106.5	113.5	104.8	101.5	97.3	116.2
		103.8	107.7							
2004	25	105.2	120.2	99.6	106.2	113.3	104.4	101.6	97.4	116.0
		103.3	107.8							
2005	19	104.8	120.9	99.1	106.1	113.1	104.6	100.7	97.8	117.1
		103.2	107.5							
2006	19	105.1	118.5	100.2	105.4	113.1	104.1	101.8	97.2	115.3
		103.7	106.6							
2007	17	105.1	120.2	99.3	107.7	112.4	104.9	102.2	96.7	115.3
		104.2	107.5							
2008	19	105.8	120.9	98.5	108.9	111.4	104.3	102.4	98.1	116.3
		103.4	109.5							
2009	15	104.7	119.8	100.3	107.3	112.6	104.9	102.5	95.3	115.8
		104.1	108.5							

Tabel: 257 Montbéliard: Kalvervitaliteit
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	11	93.2	98.4	84.9
1988	10	93.8	98.1	86.5
1989	14	95.1	100.1	84.7
1990	10	96.0	100.9	85.1

1991	12	94.8	99.8	85.5
1992	12	95.2	100.2	84.8
1993	12	93.8	99.6	85.1
1994	20	93.5	98.7	85.2
1996	10	94.4	99.3	86.1
1997	28	94.6	99.4	84.9
1998	16	95.1	99.9	83.7
1999	17	96.2	101.0	85.9
2000	12	96.6	101.3	85.8
2002	10	95.4	100.3	85.4
2003	14	94.8	99.9	87.8
2004	16	94.4	99.4	86.0
2005	12	93.5	98.6	84.7
2006	12	96.0	101.2	86.9
2007	13	92.3	99.5	82.2
2008	10	94.3	99.8	84.8
2009	14	95.0	100.4	84.8

Tabel: 258 Montbéliard: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	24	-2839.5	-11183.4	-496.8	-400.6
2002	19	-2715.8	-10301.4	-482.7	-380.5
2003	25	-2301.5	-8563.3	-413.9	-320.4
2004	18	-2678.4	-10026.3	-481.2	-372.7
2005	19	-3064.6	-11710.4	-546.9	-427.3
2006	22	-2783.2	-10498.2	-495.9	-389.5
2007	19	-2124.8	-7957.6	-382.1	-295.8
2008	22	-2274.9	-8543.3	-407.4	-317.5
2009	18	-1833.2	-6519.1	-335.2	-253.6
2015	14	-848.4	-2265.0	-175.5	-109.4
2016	13	-1025.4	-3397.3	-206.4	-132.8

Tabel: 259 Montbéliard: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1992	11	97.0	98.0	98.9
1994	18	96.2	96.8	99.2
1997	24	95.9	97.9	98.9
1998	15	96.0	97.9	98.8
1999	13	98.8	100.1	97.9
2003	11	97.4	98.8	98.1
2004	13	95.8	98.4	98.8

Tabel: 260 Montbéliard: Overige productie en efficiency kenm.
 Basis: Melkdoel rood

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1985	8	101.8	96.9	10	-4.1	97.8	0	0.0
1986	12	103.1	97.5	13	-3.3	41.5	0	0.0
1987	11	100.5	97.1	11	-4.1	82.0	0	0.0
1988	20	101.5	96.8	21	-4.2	84.3	0	0.0
1989	28	100.1	97.0	28	-4.6	86.1	0	0.0
1990	22	100.6	96.7	22	-4.4	84.0	0	0.0
1991	20	102.0	97.5	20	-3.7	50.1	0	0.0
1992	25	100.9	96.2	25	-3.6	50.5	0	0.0
1993	20	100.8	96.8	20	-3.5	43.6	0	0.0
1994	31	101.0	96.5	31	-2.9	24.7	0	0.0
1995	17	101.8	97.2	17	-4.0	73.7	0	0.0
1996	25	101.6	97.1	25	-3.4	41.2	0	0.0
1997	32	102.0	97.3	32	-2.1	3.2	0	0.0
1998	25	101.5	97.7	25	-2.5	1.8	0	0.0
1999	30	101.7	97.0	30	-2.7	14.4	0	0.0
2000	29	102.3	97.1	29	-2.2	-4.8	0	0.0
2001	26	102.6	97.5	26	-2.6	11.2	7	106.6
2002	19	103.5	97.1	19	-1.6	-24.3	9	106.7
2003	25	104.8	97.5	25	-1.6	-17.1	8	107.8
2004	19	102.7	96.9	19	-1.6	-25.1	8	108.9
2005	19	102.9	96.3	19	-1.8	-20.9	9	107.3
2006	22	101.2	97.3	22	-1.6	-28.0	10	107.6
2007	19	103.5	97.0	19	-0.5	-51.2	9	108.8
2008	22	103.6	97.7	22	-1.0	-34.7	8	107.6
2009	15	103.9	97.1	18	-0.6	-41.1	10	107.5
2015	14	104.1	94.8	14	0.5	-56.5	0	0.0
2016	13	103.9	93.9	13	0.4	-60.7	0	0.0

Tabel: 261 Montbéliard: Stofwisselingsaandoeningen

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
1986	12	100.0	0	0.0	0	0.0	12	101.1
1989	13	100.0	0	0.0	0	0.0	13	101.3
1990	11	100.0	0	0.0	0	0.0	11	101.4
1991	12	100.0	0	0.0	0	0.0	12	101.9
1992	13	100.0	0	0.0	0	0.0	13	101.5
1994	22	100.0	0	0.0	1	99.0	22	101.0
1996	12	100.0	0	0.0	0	0.0	12	101.5
1997	26	100.0	1	99.0	1	98.0	26	101.8
1998	17	100.0	0	0.0	0	0.0	17	101.8
1999	18	100.0	0	0.0	0	0.0	18	101.6
2000	12	100.0	0	0.0	2	99.0	12	101.7
2001	11	100.0	0	0.0	0	0.0	11	102.1
2003	18	100.0	0	0.0	0	0.0	18	101.4
2004	16	100.0	0	0.0	0	0.0	16	102.2
2006	16	100.0	0	0.0	1	97.0	16	102.2
2007	11	99.4	1	99.0	1	98.0	11	103.5

2008	10	100.0	0	0.0	0	0.0	10	103.0
2009	14	99.9	0	0.0	0	0.0	14	102.6
2015	14	100.0	0	0.0	0	0.0	14	101.3
2016	12	100.0	0	0.0	0	0.0	12	101.3

Tabel: 262 Montbéliard: Reproductiestoornissen
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	RSin	NAGE	VUIL	BMON	CYST	ANOE
1994	11	105.4	103.1	107.4	103.4	105.5	106.3
1997	14	103.7	101.4	105.6	101.5	104.8	104.9
1998	10	104.3	101.9	106.6	101.8	104.7	105.2

Tabel: 263 Blonde d'Aquitaine: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	23	98.3	98.3	93.3	93.6	93.3	78.6	53.0	93.2
1984	17	97.9	98.8	93.1	94.2	93.0	78.1	57.7	93.5
1985	21	98.7	98.2	93.3	94.0	93.4	80.2	54.8	93.4
1986	23	97.9	98.7	93.3	94.1	93.3	79.5	55.9	93.5
1987	46	96.7	98.9	92.4	93.8	92.0	77.7	57.1	92.8
1988	40	97.9	98.5	93.2	93.8	93.0	79.0	56.4	93.2
1989	43	96.7	98.6	92.1	93.6	91.8	77.7	56.5	92.6
1990	54	97.5	98.6	93.1	94.0	92.8	79.5	60.2	93.3
1991	45	97.9	98.1	92.9	93.6	92.8	79.0	58.9	92.9
1992	75	98.0	97.7	92.8	93.4	92.8	78.7	56.8	92.9
1993	63	97.7	97.9	92.8	93.4	92.7	78.3	58.0	92.9
1994	76	97.6	98.6	93.2	94.0	92.7	78.6	60.3	93.4
1995	106	97.8	98.6	93.3	94.1	92.9	78.9	60.3	93.5
1996	117	97.3	99.1	93.5	94.5	93.0	78.6	60.1	93.7
1997	124	98.1	98.4	93.7	94.3	93.3	79.5	60.7	93.7
1998	152	97.4	99.0	93.4	94.4	92.8	78.9	60.8	93.6
1999	146	97.6	98.7	93.2	94.0	92.8	79.0	59.9	93.4
2000	186	97.6	98.7	93.4	94.3	93.1	79.5	60.0	93.6
2001	149	97.4	98.8	93.3	94.2	92.8	78.7	59.1	93.5
2002	182	97.6	98.7	93.4	94.2	92.9	79.2	59.9	93.6
2003	192	97.8	98.5	93.1	94.0	92.8	78.9	58.7	93.3
2004	158	98.2	98.5	93.4	94.1	93.2	79.5	59.5	93.5
2005	147	98.1	98.4	93.3	94.1	93.1	79.5	59.9	93.4
2006	180	98.0	98.5	93.2	94.1	93.0	78.9	58.0	93.4
2007	195	98.3	98.3	93.3	94.0	93.2	79.2	58.6	93.4
2008	180	98.0	98.4	93.1	94.0	92.9	79.2	58.8	93.2
2009	142	98.2	98.4	93.2	94.0	93.1	79.4	58.8	93.3
2010	99	98.0	97.9	92.9	93.7	92.9	79.4	58.8	93.1
2011	125	97.9	98.3	93.0	93.9	92.8	79.2	58.8	93.1
2012	124	98.0	98.4	93.2	94.1	93.1	79.1	58.4	93.4

Tabel: 269 Normande: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	21	-5204.2	-20860.2	-886.3	-735.9
2005	10	-4238.9	-17105.8	-728.4	-598.8
2006	13	-5119.2	-20530.4	-881.8	-720.5
2007	24	-4744.4	-19014.3	-810.5	-671.8
2008	14	-4927.7	-19839.2	-843.9	-696.5

Tabel: 270 Normande: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
1988	10	104.0	96.1	10	-7.4	197.7	0	0.0
1995	13	103.1	94.1	13	-5.8	112.5	0	0.0
2004	22	105.0	94.2	22	-4.5	68.9	0	0.0
2005	10	105.6	93.9	10	-4.9	87.9	0	0.0
2006	13	102.7	93.3	13	-4.9	77.6	0	0.0
2007	25	105.8	94.2	25	-4.5	70.4	0	0.0
2008	16	105.1	93.1	16	-4.8	80.9	0	0.0

Tabel: 271 Normande: Stofwisselingsaandoeningen
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2007	10	100.0	0	0.0	0	0.0	10	99.1
2008	10	100.0	0	0.0	0	0.0	10	100.1

Tabel: 272 KRB: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2013	34	-624.4	-24.6	-38.6	-28.5	6.0	-26.6	0.3	-218.6
2014	34	-515.4	-24.3	-35.9	-23.4	-1.7	-27.7	1.0	-205.3
2015	38	-610.7	-28.1	-37.7	-26.8	-1.4	-25.2	2.5	-221.6
2016	55	-636.6	-30.3	-39.1	-24.7	-2.9	-26.0	8.0	-231.6
2017	44	-486.1	-24.9	-34.1	-18.5	-5.2	-26.8	6.7	-197.9

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

Tabel: 273 KRB: Vruchtbaarheidsskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2013	34	100.7	101.6	100.6	100.3	99.2	100.7	93.6	100.5
2014	31	101.1	101.1	100.3	99.9	99.3	100.7	93.8	100.0
2015	29	101.1	101.4	100.7	100.2	99.5	100.8	93.7	100.4
2016	13	101.0	102.5	101.0	101.2	99.7	100.8	93.3	101.2

Tabel: 274 KRB: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2013	34	-85.7	-218.6	-194.4	101.0	100.5	0.0	0.0	0.0
28.4									
2014	34	-77.6	-205.3	-171.8	101.8	100.0	0.0	0.0	0.0
23.5									
2015	38	-73.0	-221.6	-95.7	101.8	100.4	0.0	0.0	0.0
29.9									
2016	55	-73.1	-231.6	-102.8	102.1	101.2	0.0	0.0	0.0
34.1									
2017	44	-65.8	-197.9	-120.2	101.7	0.0	0.0	0.0	0.0
41.8									

Tabel: 275 KRB: Geboortekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2017	36	83.8	104.1	122.5	0.0	0.0	0.0
2018	27	84.3	104.5	122.1	0.0	0.0	0.0

Tabel: 276 KRB: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2013	33	-2123.8	-8023.5	-319.5	-327.0
2014	33	-1962.0	-7126.8	-297.9	-301.5
2015	29	-1661.1	-5856.3	-248.1	-258.0
2016	27	-1865.9	-6978.9	-284.9	-285.1

2017 20 -1746.3 -6317.2 -269.1 -266.3

Tabel: 277 KRB: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	BVK	Aantal	Gew
2013	34	100.3	95.4	34	-1.6	28.4	0	0.0
2014	34	100.1	94.7	34	-1.5	23.5	0	0.0
2015	38	100.6	94.1	38	-1.7	29.9	0	0.0
2016	55	101.0	95.1	55	-1.8	34.1	0	0.0
2017	44	100.8	94.2	44	-1.7	41.8	0	0.0

Tabel: 278 KRB: Stofwisselingsaandoeningen
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	SAin	Aantal	MZ	Aantal	SMZ	Aantal	SubKE
2009	14	99.8	0	0.0	0	0.0	14	94.9
2010	13	99.5	0	0.0	0	0.0	13	93.5
2012	14	99.9	0	0.0	0	0.0	14	94.9
2013	31	99.5	0	0.0	0	0.0	31	93.9
2014	32	99.7	0	0.0	0	0.0	32	94.1
2015	37	99.6	0	0.0	0	0.0	37	94.1
2016	52	99.8	0	0.0	0	0.0	52	95.1
2017	42	99.5	0	0.0	0	0.0	42	94.0
