

Genetische trends van koeien in Vlaanderen

Datum: 06-12-2019

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
BG = Beengebruik
VA = Vooruieraanhechting
VP = Voorspeenplaatsing
SL = Speenlengte
UD = Uierdiepte
AH = Achteruierhoogte
OB = Ophangband
AP = Achterspeenplaatsing
F = Frame
T = Type
U = Uier
B = Beenwerk
Bs = Bepiering
Ext = Totaal exterieur
NR56 = Non Return
IAI = Interval afkalven-1e inseminatie
IEL = Interval eerste-laatste inseminatie
TKT = Tussenkalftijd
DP_ko = Drachtpercentage-koe
DP_pi = Drachtpercentage-pink
LEI = Leeftijd 1e inseminatie-pink
Vru = Vruchtbaarheidsindex
MS = Melksnelheid
Kar = Karakter
SCC = Celgetal
SKM = Subklinische mastitis
KM = Klinische mastitis
NVI = NVI
Lvd = Levensduur
Ugh = Uiergezondheidsindex
Kgh = Klauwgezondheidsindex

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

Rassen met meer dan 10 waarnemingen per jaar - Vlaanderen

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

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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	423	-2696.3	-92.2	-90.2	-123.2	38.6	7.4	-0.0	-597.7
1981	595	-2658.6	-90.8	-88.6	-121.9	37.8	7.6	-0.7	-591.8
1982	696	-2548.8	-85.7	-86.1	-116.4	38.5	5.8	0.0	-568.6
1983	937	-2504.3	-83.4	-85.3	-114.2	38.5	4.1	0.1	-559.4
1984	1079	-2432.4	-78.1	-82.9	-111.0	41.7	4.0	0.0	-537.1
1985	1482	-2370.5	-75.3	-80.9	-108.1	41.6	3.8	0.1	-522.9
1986	2410	-2174.8	-68.1	-75.2	-99.3	38.9	2.0	-0.0	-482.4
1987	3520	-2193.6	-67.2	-74.7	-99.9	41.3	3.6	0.3	-477.6
1988	4971	-2035.8	-61.7	-69.6	-92.7	38.6	3.0	0.3	-442.9
1989	6441	-1936.5	-58.4	-67.3	-88.1	36.7	1.2	0.4	-425.1
1990	7919	-1763.1	-52.9	-62.2	-80.1	33.4	-0.2	0.4	-390.5
1991	9775	-1648.6	-50.7	-59.1	-74.9	29.1	-1.4	0.4	-371.5
1992	11532	-1502.4	-48.5	-54.9	-68.3	22.9	-2.7	0.4	-347.4
1993	12792	-1390.4	-46.1	-51.8	-63.1	19.2	-3.8	0.5	-328.1
1994	14895	-1259.8	-43.3	-48.1	-57.1	15.1	-4.8	0.5	-305.2
1995	16746	-1140.1	-39.3	-43.8	-51.7	13.4	-4.6	0.4	-277.7
1996	17618	-989.0	-35.0	-39.1	-44.8	10.4	-5.3	0.4	-247.0
1997	18978	-911.3	-32.1	-36.4	-41.3	9.8	-5.3	0.4	-229.2
1998	20090	-797.0	-29.5	-32.7	-36.1	6.7	-5.6	0.4	-207.0
1999	20326	-726.3	-27.5	-30.6	-32.8	5.3	-6.0	0.4	-193.3
2000	21128	-586.5	-25.6	-26.5	-26.6	0.5	-6.8	0.3	-170.6
2001	21677	-507.6	-24.7	-24.3	-23.1	-2.6	-7.4	0.1	-158.3
2002	22339	-415.4	-22.3	-21.5	-19.2	-4.5	-7.8	-0.2	-140.6
2003	22534	-369.4	-20.1	-20.3	-17.9	-4.1	-8.2	-1.1	-130.5
2004	22882	-288.3	-17.2	-16.5	-13.8	-4.8	-7.1	-0.7	-107.8
2005	22109	-217.4	-15.1	-14.0	-10.7	-5.8	-7.0	-0.9	-91.9
2006	22949	-120.2	-13.2	-10.3	-5.6	-8.3	-6.5	-0.1	-71.1
2007	22056	-45.9	-11.5	-7.5	-1.9	-10.0	-6.3	0.2	-55.0
2008	23579	-0.5	-10.3	-5.7	0.5	-10.8	-6.0	0.6	-44.0
2009	22548	58.8	-7.4	-3.4	3.2	-10.2	-5.7	0.7	-28.0
2010	21894	109.3	-4.3	-1.0	5.8	-9.1	-5.0	0.9	-10.6
2011	21804	178.6	-1.2	1.7	9.8	-8.9	-4.5	1.9	8.3
2012	22416	213.2	0.9	3.9	11.5	-8.1	-3.4	1.9	22.0
2013	23069	278.8	4.5	6.3	14.8	-7.2	-3.2	2.3	40.5
2014	24211	379.2	8.8	9.5	19.4	-7.0	-3.5	2.3	63.6
2015	24892	497.1	14.6	13.3	25.0	-6.1	-3.8	2.5	92.5

2016	24700	609.7	20.4	18.0	30.3	-4.9	-2.9	2.6	125.6
2017	14400	679.6	24.6	21.0	34.0	-3.7	-2.3	3.1	148.0

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	101	86.0	96.9	88.2	88.2	100.7	96.2	95.4
1981	176	87.5	97.1	89.7	89.9	100.2	96.8	95.9
1982	238	88.0	97.1	90.1	90.4	99.8	96.0	96.4
1983	302	88.0	97.2	90.2	90.4	101.1	96.2	96.1
1984	397	88.1	97.4	90.5	90.5	101.7	96.0	96.0
1985	635	88.5	97.3	90.8	90.8	102.3	96.4	96.0
1986	986	89.7	97.4	91.6	91.7	102.0	96.3	96.4
1987	1339	89.9	97.4	92.4	92.2	101.7	96.0	96.5
1988	2129	90.2	97.3	92.7	92.4	101.5	96.0	96.8
1989	3415	90.8	97.4	93.3	93.0	101.2	95.8	96.9
1990	4303	91.4	97.2	93.7	93.5	100.8	96.4	97.0
1991	5474	92.0	97.2	94.0	93.8	100.6	96.7	97.2
1992	6691	92.6	97.6	94.7	94.5	100.5	96.8	97.5
1993	7300	93.2	97.9	95.2	95.0	100.4	96.8	97.5
1994	8629	93.6	97.8	95.5	95.3	100.2	96.9	97.6
1995	9791	94.0	97.9	95.9	95.7	100.1	97.2	97.5
1996	10729	94.4	98.0	96.4	96.2	99.7	97.3	97.2
1997	11339	95.0	98.0	96.7	96.5	99.7	97.6	97.6
1998	12436	95.5	98.3	97.2	96.9	99.6	97.8	97.8
1999	12380	95.8	98.4	97.5	97.4	99.6	98.0	97.9
2000	12764	96.5	98.6	98.0	97.9	99.3	98.5	98.6
2001	13141	97.0	98.4	98.2	98.2	99.0	98.3	98.9
2002	13405	97.5	98.5	98.6	98.5	98.7	98.5	98.9
2003	13484	98.0	98.8	99.2	99.3	98.6	98.6	99.5
2004	13413	98.3	98.9	99.2	99.3	98.8	98.9	99.3
2005	12505	98.9	99.3	99.6	99.8	98.9	99.3	99.4
2006	12937	99.5	99.6	100.0	100.0	99.1	99.6	99.8
2007	12026	100.0	99.9	100.4	100.3	99.2	99.8	100.2
2008	12429	100.4	100.0	100.5	100.4	99.4	99.9	100.6
2009	12448	100.5	99.9	100.5	100.6	99.5	99.9	100.6
2010	12900	100.8	100.1	100.7	100.8	99.7	99.9	100.7
2011	12933	101.5	100.8	101.0	101.1	100.3	99.7	100.9
2012	13368	102.3	100.8	101.4	101.6	100.4	99.7	100.9
2013	13712	102.9	100.7	101.6	102.1	100.2	99.8	100.9
2014	14048	103.3	100.9	101.8	102.7	100.2	100.2	101.0
2015	14100	103.6	101.0	101.9	103.0	100.4	100.1	101.2
2016	13339	104.0	101.2	102.2	103.5	100.5	99.9	101.3
2017	5354	104.6	101.5	102.3	103.5	100.7	99.8	101.5

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

Jaar	Aantal	BA	BZ	KH	BG
1980	101	92.9	97.9	90.9	90.1
1981	176	93.8	98.6	92.0	91.3
1982	238	93.9	98.9	92.1	91.8
1983	302	94.1	99.4	92.5	91.5
1984	397	94.1	99.6	93.1	91.6

1985	635	94.3	100.3	93.7	92.0
1986	986	95.1	100.4	94.4	92.6
1987	1339	94.9	100.9	94.1	92.3
1988	2129	95.3	101.2	94.4	92.7
1989	3415	95.8	101.6	94.6	93.2
1990	4303	95.9	101.6	94.8	93.3
1991	5474	96.2	101.6	95.1	93.9
1992	6691	96.1	101.8	95.1	94.0
1993	7300	96.3	101.8	95.4	94.2
1994	8629	96.6	101.8	95.5	94.6
1995	9791	96.7	101.8	95.8	95.1
1996	10729	96.9	102.2	95.6	95.5
1997	11339	97.3	101.9	95.8	95.9
1998	12436	97.6	101.9	96.3	96.2
1999	12380	97.8	102.0	96.4	96.5
2000	12764	97.8	101.6	96.8	96.7
2001	13141	98.0	101.7	96.9	97.0
2002	13405	97.9	101.7	96.9	97.1
2003	13484	98.4	102.0	96.7	97.4
2004	13413	98.6	101.4	97.7	97.8
2005	12505	99.4	101.4	98.2	98.5
2006	12937	99.4	101.0	98.7	98.8
2007	12026	99.7	100.5	99.1	99.0
2008	12429	99.8	100.1	99.6	99.2
2009	12448	100.0	100.1	99.8	99.6
2010	12900	100.1	100.0	100.0	99.7
2011	12933	100.0	99.8	100.2	99.7
2012	13368	100.4	99.6	100.4	100.2
2013	13712	100.7	99.7	100.5	100.6
2014	14048	101.6	99.5	100.8	101.3
2015	14100	102.2	99.3	101.1	101.9
2016	13339	103.0	99.2	101.5	102.7
2017	5354	103.4	99.1	102.0	103.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	101	90.4	89.3	99.1	92.4	85.5	89.5	87.9
1981	176	90.7	89.6	99.6	92.8	86.4	90.0	88.8
1982	238	92.1	91.4	99.6	94.0	87.3	91.8	90.1
1983	302	92.7	90.9	99.7	94.4	87.9	91.5	90.0
1984	397	93.1	91.3	99.7	94.6	88.1	91.7	90.5
1985	635	93.2	91.6	99.5	94.8	88.6	92.1	91.1
1986	986	93.6	92.2	99.3	95.2	89.2	92.8	91.8
1987	1339	93.2	92.0	99.7	94.7	89.7	92.9	91.7
1988	2129	93.6	92.3	99.6	94.8	90.5	93.6	92.4
1989	3415	93.9	92.6	99.5	95.0	90.9	93.8	92.6
1990	4303	94.1	93.0	99.6	95.2	91.4	94.3	93.2
1991	5474	94.3	93.5	99.8	95.4	91.9	95.0	93.9
1992	6691	94.7	93.9	100.0	95.7	92.6	95.2	94.2
1993	7300	94.6	94.2	100.1	95.6	93.2	95.7	94.6
1994	8629	94.8	94.6	100.3	95.8	93.8	96.2	95.4
1995	9791	95.2	94.9	100.6	96.0	94.4	96.4	95.8
1996	10729	95.6	95.2	100.6	96.1	94.5	96.5	95.9
1997	11339	96.1	95.5	100.5	96.5	95.1	96.9	96.3
1998	12436	96.3	95.8	100.4	96.5	95.4	97.2	96.7
1999	12380	96.6	96.4	100.2	96.7	95.9	97.5	97.2
2000	12764	96.7	97.3	100.2	96.8	96.1	98.3	98.1
2001	13141	97.0	97.6	100.5	97.4	96.7	98.8	98.6

2002	13405	97.2	98.1	100.7	97.7	97.1	99.1	98.7
2003	13484	97.7	98.3	100.4	97.9	97.6	99.1	98.9
2004	13413	98.1	98.3	100.8	98.2	98.3	99.4	99.2
2005	12505	98.6	98.8	100.6	98.5	98.9	99.7	99.7
2006	12937	98.9	99.3	100.8	98.9	99.1	100.0	100.0
2007	12026	99.3	99.8	100.6	99.3	99.6	100.2	100.2
2008	12429	99.7	100.1	100.5	99.7	100.1	100.6	100.5
2009	12448	100.0	100.0	100.3	100.1	100.4	100.6	100.3
2010	12900	100.4	100.4	99.9	100.6	100.6	100.8	100.6
2011	12933	101.0	101.0	99.6	101.2	100.8	100.8	100.6
2012	13368	101.8	101.4	99.5	102.2	101.6	100.9	100.8
2013	13712	102.1	101.5	99.8	102.7	102.2	101.0	100.9
2014	14048	102.4	101.8	99.9	103.1	103.0	101.5	101.2
2015	14100	103.1	102.3	100.0	103.7	103.8	102.0	101.6
2016	13339	103.9	102.8	99.8	104.3	104.5	102.0	101.7
2017	5354	104.4	102.8	100.0	105.0	104.7	102.0	101.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	101	90.6	89.8	86.5	88.3	0.0	82.3
1981	176	91.7	90.9	87.1	89.7	0.0	83.8
1982	238	91.7	91.3	89.1	90.3	0.0	85.3
1983	302	91.7	92.0	89.6	90.3	0.0	85.7
1984	397	91.7	92.6	90.0	90.5	0.0	86.1
1985	635	92.1	93.2	90.4	91.2	0.0	86.8
1986	986	92.4	93.9	91.0	91.8	0.0	87.7
1987	1339	92.7	94.4	91.0	91.6	0.0	87.7
1988	2129	92.9	94.5	91.5	92.0	0.0	88.3
1989	3415	93.1	94.9	91.9	92.6	0.0	88.9
1990	4303	93.5	95.0	92.3	92.7	0.0	89.4
1991	5474	93.9	95.3	92.8	93.3	0.0	90.1
1992	6691	94.4	95.9	93.3	93.4	0.0	90.6
1993	7300	94.7	96.4	93.5	93.6	0.0	91.0
1994	8629	94.9	96.5	93.9	94.0	0.0	91.5
1995	9791	95.1	96.8	94.3	94.4	0.0	92.1
1996	10729	95.2	96.9	94.5	94.7	0.0	92.4
1997	11339	95.7	97.2	95.1	95.1	0.0	93.1
1998	12436	96.1	97.6	95.3	95.6	0.0	93.6
1999	12380	96.5	98.0	95.6	95.9	0.0	94.1
2000	12764	97.3	98.3	95.9	96.0	0.0	94.6
2001	13141	97.3	98.4	96.5	96.3	0.0	95.2
2002	13405	97.6	98.4	96.9	96.4	0.0	95.5
2003	13484	98.2	99.0	97.4	96.8	0.0	96.2
2004	13413	98.3	99.1	97.8	97.2	0.0	96.7
2005	12505	98.8	99.6	98.3	98.1	0.0	97.7
2006	12937	99.3	99.9	98.7	98.3	0.0	98.2
2007	12026	99.8	100.2	99.2	98.6	0.0	98.8
2008	12429	100.1	100.4	99.8	98.9	0.0	99.4
2009	12448	100.1	100.6	100.2	99.2	0.0	99.8
2010	12900	100.3	100.9	100.6	99.4	0.0	100.2
2011	12933	100.5	101.5	101.2	99.3	0.0	100.7
2012	13368	100.7	101.8	102.2	99.8	0.0	101.5
2013	13712	100.8	102.0	102.7	100.2	0.0	102.0
2014	14048	101.1	102.4	103.3	101.0	0.0	103.0
2015	14100	101.2	102.7	104.1	101.6	0.0	103.8
2016	13339	101.2	103.1	104.9	102.5	0.0	104.8
2017	5354	101.4	103.3	105.5	102.9	0.0	105.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1464	104.8	107.0	106.2	107.8	103.3	100.6	89.4	107.2
1981	1661	105.7	106.0	106.3	107.4	104.0	101.2	89.6	107.1
1982	1745	105.2	105.7	105.6	106.8	103.5	100.5	89.9	106.4
1983	1790	104.3	105.6	105.0	106.2	102.9	100.6	89.7	105.9
1984	1857	104.1	104.8	104.6	105.4	102.9	101.1	90.5	105.2
1985	2244	104.1	104.6	104.5	105.3	102.8	101.1	90.6	105.1
1986	3083	103.3	103.9	103.4	104.3	102.0	100.5	91.4	104.1
1987	3931	103.1	103.7	103.1	103.9	101.7	101.0	91.7	103.7
1988	5002	103.0	102.9	102.6	103.1	101.5	101.3	91.9	103.0
1989	6460	102.6	102.6	102.0	102.6	101.1	101.3	92.6	102.5
1990	7930	102.6	102.3	102.0	102.4	101.1	101.5	93.3	102.3
1991	9790	102.4	102.1	101.7	102.1	100.8	101.3	93.8	102.0
1992	11593	102.1	101.7	101.3	101.7	100.6	101.4	94.3	101.6
1993	12861	102.0	101.4	101.2	101.4	100.6	101.5	94.9	101.4
1994	15032	101.9	100.9	100.7	100.7	100.2	101.1	95.1	100.8
1995	16854	101.7	100.4	100.3	100.2	99.9	101.0	95.8	100.3
1996	17711	101.2	100.4	100.1	100.1	99.8	100.9	96.3	100.2
1997	19083	101.1	100.3	100.1	100.0	99.8	100.6	96.7	100.1
1998	20240	100.7	100.2	99.7	99.7	99.4	100.5	97.5	99.7
1999	20519	100.6	99.8	99.5	99.3	99.2	100.6	97.5	99.4
2000	21379	100.0	99.8	99.0	99.0	98.7	100.1	98.1	99.0
2001	22044	100.1	99.3	98.9	98.6	98.7	100.0	98.4	98.7
2002	22887	100.2	99.1	98.8	98.5	98.8	100.1	98.9	98.6
2003	23519	100.4	99.0	99.1	98.6	99.0	100.3	99.1	98.8
2004	24118	100.0	99.0	98.7	98.4	98.7	100.0	99.1	98.5
2005	23378	99.7	99.1	98.5	98.3	98.5	100.0	99.2	98.3
2006	24310	99.4	99.3	98.5	98.5	98.4	99.6	99.4	98.4
2007	23737	99.3	99.4	98.5	98.6	98.5	99.5	99.8	98.4
2008	26095	99.4	99.5	98.9	98.9	98.9	99.7	100.0	98.8
2009	25562	99.7	99.7	99.3	99.2	99.3	100.1	100.3	99.2
2010	25053	99.8	99.8	99.6	99.5	99.6	100.2	100.4	99.5
2011	25099	99.9	100.4	100.0	100.1	100.1	100.1	100.5	100.1
2012	26402	99.9	100.9	100.5	100.7	100.5	100.4	100.9	100.7
2013	27516	100.1	101.3	101.0	101.2	101.0	100.7	101.4	101.2
2014	29409	100.1	101.7	101.4	101.7	101.4	101.1	102.0	101.7
2015	30463	100.0	101.8	101.5	101.8	101.5	101.3	102.2	101.8
2016	30192	100.2	101.8	101.8	102.0	101.9	101.4	102.6	102.1
2017	19468	100.3	101.9	102.1	102.3	102.2	101.5	103.1	102.4
2018	37	100.0	101.7	102.1	102.2	102.4	101.5	103.6	102.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	119	99.4	57.5	99.5	104.2	106.2
1981	185	99.0	54.7	99.1	103.4	105.9
1982	224	99.3	65.8	99.2	102.8	105.2
1983	321	99.3	68.3	99.0	103.0	105.5
1984	420	98.7	78.6	99.0	102.8	105.4
1985	656	98.9	76.9	99.4	103.2	105.5
1986	1082	98.5	85.5	99.1	102.8	105.1
1987	1363	98.9	88.5	98.6	102.2	104.7

1988	2187	98.7	93.7	98.4	101.9	104.2
1989	3446	98.9	95.3	98.3	101.7	104.0
1990	4300	98.9	96.3	98.4	101.8	103.6
1991	5411	99.0	96.5	98.1	101.3	102.9
1992	6678	99.2	97.2	97.9	101.0	102.5
1993	7098	99.2	97.4	98.0	101.0	102.4
1994	8598	99.4	98.0	97.9	100.7	102.0
1995	9838	99.1	98.1	97.9	100.3	101.7
1996	10735	99.6	98.2	98.0	100.4	101.2
1997	11384	99.6	98.5	98.2	100.5	101.1
1998	12369	99.5	98.5	98.3	100.4	100.8
1999	12361	99.4	98.7	98.2	100.1	100.6
2000	12793	99.8	99.1	98.4	100.2	100.6
2001	13255	99.6	99.2	98.5	100.1	100.4
2002	13574	99.8	99.3	98.6	100.0	100.1
2003	13623	99.6	99.2	98.6	99.9	100.0
2004	13566	99.7	99.0	98.7	99.8	99.9
2005	12653	99.6	99.5	98.8	99.6	99.8
2006	13052	99.9	99.8	99.2	99.9	100.0
2007	12075	100.1	100.2	99.2	99.7	99.9
2008	12469	100.1	100.5	99.5	99.9	100.1
2009	12424	100.1	100.4	99.8	100.0	100.2
2010	12815	100.4	100.6	100.1	100.2	100.2
2011	12864	100.4	100.7	100.9	100.9	100.6
2012	13310	100.4	100.7	101.5	101.3	100.8
2013	13546	100.5	100.9	102.0	101.7	100.9
2014	13669	100.3	101.1	102.8	102.3	101.3
2015	13761	99.9	101.4	103.5	103.0	101.7
2016	12759	99.6	101.6	104.2	103.5	102.0
2017	5208	99.3	101.7	104.9	104.0	102.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	404	-216.9	-597.7	-198.1	106.0	107.2	86.5	88.3	98.8
1981	573	-218.4	-591.8	-204.2	105.4	107.1	87.1	89.7	98.9
1982	670	-218.6	-568.6	-199.0	104.7	106.4	89.1	90.3	99.5
1983	906	-219.1	-559.4	-214.2	105.0	105.9	89.6	90.3	99.7
1984	1045	-218.4	-537.1	-221.1	104.8	105.2	90.0	90.5	99.6
1985	1458	-189.8	-522.9	-208.9	105.1	105.1	90.4	91.2	99.7
1986	2376	-182.6	-482.4	-204.4	104.6	104.1	91.0	91.8	99.8
1987	3473	-189.8	-477.6	-235.4	104.1	103.7	91.0	91.6	99.7
1988	4944	-182.8	-442.9	-238.8	103.6	103.0	91.5	92.0	99.7
1989	6423	-180.3	-425.1	-244.3	103.4	102.5	91.9	92.6	99.7
1990	7902	-167.5	-390.5	-233.1	103.1	102.3	92.3	92.7	99.7
1991	9763	-164.3	-371.5	-244.5	102.5	102.0	92.8	93.3	99.6
1992	11519	-159.0	-347.4	-231.5	102.1	101.6	93.3	93.4	99.7
1993	12780	-152.6	-328.1	-216.7	102.0	101.4	93.5	93.6	99.7
1994	14879	-147.1	-305.2	-205.3	101.6	100.8	93.9	94.0	99.6
1995	16728	-139.6	-277.7	-199.4	101.3	100.3	94.3	94.4	99.6
1996	17601	-125.8	-247.0	-163.6	100.9	100.2	94.5	94.7	99.5
1997	18964	-118.2	-229.2	-155.7	100.9	100.1	95.1	95.1	99.5
1998	20080	-113.8	-207.0	-154.2	100.7	99.7	95.3	95.6	99.2
1999	20319	-111.8	-193.3	-157.7	100.5	99.4	95.6	95.9	99.0
2000	21121	-104.6	-170.6	-142.9	100.4	99.0	95.9	96.0	98.9
2001	21663	-98.8	-158.3	-127.3	100.3	98.7	96.5	96.3	99.0
2002	22328	-93.1	-140.6	-119.9	100.0	98.6	96.9	96.4	99.1
2003	22523	-86.4	-130.5	-116.7	100.0	98.8	97.4	96.8	99.1
2004	22867	-75.9	-107.8	-98.7	99.8	98.5	97.8	97.2	99.3

2005	22100	-68.9	-91.9	-97.5	99.7	98.3	98.3	98.1	99.4
2006	22938	-54.1	-71.1	-64.9	100.0	98.4	98.7	98.3	99.7
2007	22042	-45.4	-55.0	-46.2	99.8	98.4	99.2	98.6	99.6
2008	23560	-35.2	-44.0	-25.3	100.0	98.8	99.8	98.9	99.8
2009	22536	-20.6	-28.0	7.2	100.1	99.2	100.2	99.2	99.8
2010	21876	-8.1	-10.6	27.9	100.2	99.5	100.6	99.4	99.9
2011	21789	10.7	8.3	71.6	100.8	100.1	101.2	99.3	100.4
2012	22403	28.0	22.0	104.7	101.1	100.7	102.2	99.8	100.7
2013	23064	46.1	40.5	140.7	101.4	101.2	102.7	100.2	101.2
2014	24211	70.3	63.6	192.0	102.0	101.7	103.3	101.0	101.7
2015	24892	92.8	92.5	241.2	102.5	101.8	104.1	101.6	102.0
2016	24700	120.7	125.6	303.5	102.9	102.1	104.9	102.5	102.6
2017	14400	139.2	148.0	353.2	103.4	102.4	105.5	102.9	103.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	25	95.7	96.1	98.2	96.6	96.6	98.9	99.9
1981	53	97.0	97.8	98.7	96.8	98.3	99.1	99.9
1982	63	96.4	97.4	98.4	96.8	97.6	98.7	99.2
1983	60	97.4	97.3	99.1	98.4	97.4	99.5	99.2
1984	58	96.3	96.6	98.5	97.2	97.1	99.3	99.4
1985	82	96.8	96.6	98.9	98.1	96.6	99.7	99.3
1986	190	96.6	96.4	99.2	97.9	96.1	99.8	98.4
1987	159	96.5	96.5	99.0	97.6	96.4	99.6	98.7
1988	252	97.8	97.0	100.7	98.3	97.2	100.3	98.7
1989	362	97.3	96.7	99.9	98.4	96.6	99.7	98.6
1990	586	97.4	97.3	99.3	98.5	97.2	99.1	99.0
1991	891	97.9	97.7	99.7	98.7	97.6	99.6	99.2
1992	1180	97.6	96.8	100.0	98.6	97.1	99.7	99.1
1993	1263	97.9	97.2	99.9	98.8	97.4	100.0	99.6
1994	1849	98.0	97.5	100.1	98.6	97.5	100.1	99.2
1995	3066	97.8	97.7	100.0	98.2	97.5	99.6	98.8
1996	3738	98.6	98.4	100.3	98.8	98.0	99.9	99.1
1997	4544	98.2	98.6	99.6	98.6	97.6	99.4	99.1
1998	8209	97.8	97.8	99.7	98.6	97.0	99.3	98.4
1999	8935	97.9	97.9	99.8	98.8	97.0	99.4	98.4
2000	9077	97.9	98.3	99.8	98.4	97.1	99.5	98.2
2001	8957	98.1	98.6	99.9	98.5	97.2	99.8	98.3
2002	9752	97.9	98.2	99.8	98.5	96.9	99.7	98.3
2003	11007	98.0	98.5	99.6	98.6	97.0	99.7	98.5
2004	11234	98.0	98.4	99.6	98.7	97.4	99.3	98.4
2005	10637	98.0	97.9	99.7	98.8	97.6	99.5	98.5
2006	11334	98.6	98.6	99.7	99.2	98.1	100.0	98.7
2007	10685	98.6	98.9	99.4	99.2	98.4	100.0	98.9
2008	11206	98.6	99.1	99.1	99.2	98.7	99.8	99.2
2009	11370	99.1	99.3	99.4	99.5	99.1	100.0	99.6
2010	11760	99.3	99.6	99.3	99.5	99.6	99.9	100.0
2011	11968	99.9	100.1	99.4	100.0	100.1	99.8	100.7
2012	12360	100.4	100.5	99.7	100.4	100.5	99.9	101.0
2013	12613	100.6	100.5	99.8	100.5	100.6	100.2	101.1
2014	12897	101.1	100.9	100.2	100.8	101.0	100.6	101.4
2015	12819	101.4	101.2	100.3	100.9	101.4	100.7	101.7
2016	11662	102.0	101.6	100.6	101.2	101.9	101.2	101.9
2017	4434	102.3	102.0	100.6	101.3	102.4	101.4	102.1

Tabel: 10 Zwartbont Holstein: Levensvatbaarheidskenmerken

Basis: Melkdoel zwart
Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	48	97.1	100.6	97.1	100.6	96.0	100.7
1981	79	97.4	100.3	97.4	100.3	96.4	99.5
1982	98	97.6	100.4	97.6	100.4	96.5	99.6
1983	105	97.8	100.6	97.8	100.6	96.6	100.0
1984	100	97.2	100.5	97.2	100.5	96.2	100.0
1985	142	97.5	100.5	97.5	100.5	96.5	100.0
1986	282	97.6	100.4	97.6	100.4	96.7	100.2
1987	258	97.2	100.5	97.2	100.5	96.3	100.0
1988	375	98.1	100.2	98.1	100.2	96.7	100.4
1989	496	97.7	100.6	97.7	100.6	96.7	100.2
1990	582	97.3	100.8	97.3	100.8	96.5	100.4
1991	816	98.3	100.6	98.3	100.6	97.6	100.5
1992	942	98.3	100.3	98.3	100.3	97.5	100.2
1993	925	98.4	100.6	98.4	100.6	97.7	100.6
1994	1078	98.6	100.4	98.6	100.4	97.8	100.2
1995	1377	99.1	99.9	99.1	99.9	98.2	99.8
1996	1640	99.0	99.8	99.0	99.8	98.2	99.6
1997	1939	98.7	99.9	98.7	99.9	97.9	99.7
1998	2103	99.2	99.7	99.2	99.7	98.4	99.5
1999	2079	98.8	99.6	98.8	99.6	98.1	99.5
2000	2518	99.0	99.7	99.0	99.7	98.4	99.6
2001	2702	99.0	99.7	99.0	99.7	98.4	99.7
2002	2852	99.4	99.6	99.4	99.6	99.0	99.7
2003	2939	99.4	99.8	99.4	99.8	99.1	99.9
2004	3610	99.8	99.8	99.8	99.8	99.3	99.8
2005	3676	99.7	100.0	99.7	100.0	99.3	100.0
2006	4127	100.0	100.1	100.0	100.1	99.8	100.1
2007	3780	99.7	99.9	99.7	99.9	99.6	99.8
2008	4201	99.4	100.2	99.4	100.2	99.8	99.9
2009	4206	99.5	100.2	99.5	100.2	100.1	100.1
2010	3907	99.6	100.2	99.6	100.2	100.4	99.8
2011	3863	99.9	100.4	99.9	100.4	101.2	99.9
2012	3766	100.2	100.5	100.2	100.5	101.6	100.1
2013	3825	100.4	101.0	100.4	101.0	101.7	100.6
2014	4226	101.1	101.1	101.1	101.1	102.3	100.7
2015	3753	101.2	101.5	101.2	101.5	102.3	100.9
2016	3200	101.5	101.6	101.5	101.6	102.6	101.3
2017	2258	102.0	102.1	102.0	102.1	103.0	101.6
2018	751	102.4	102.5	102.4	102.5	103.4	102.0
2019	68	102.2	102.3	102.2	102.3	103.2	102.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	199	98.5	102.0	101.4	71.0	72.0	70.9
1981	327	98.5	101.6	101.3	66.0	66.8	66.5
1982	386	98.1	102.3	101.8	68.7	69.6	69.7
1983	578	97.5	103.0	102.3	77.8	79.8	79.8
1984	746	97.6	103.1	102.1	85.4	87.5	87.6
1985	1092	97.9	103.0	101.8	87.9	90.5	90.0
1986	1716	98.0	103.1	101.5	92.8	95.2	94.4
1987	2142	98.1	103.0	101.4	94.7	98.1	97.5
1988	3212	98.2	103.1	101.1	95.7	99.7	99.5
1989	4330	98.3	103.4	101.0	96.4	100.2	99.4

1990	5201	98.4	103.1	101.0	96.6	100.2	99.7
1991	5920	98.5	102.9	100.8	96.5	100.8	100.1
1992	6979	98.3	102.9	101.0	96.9	100.8	100.3
1993	6939	98.0	102.9	101.4	96.7	100.6	100.5
1994	6980	97.8	103.1	101.7	96.8	100.5	100.3
1995	7293	97.6	102.8	101.9	96.6	100.1	99.8
1996	7362	98.2	102.6	101.5	96.9	99.9	99.6
1997	7786	97.9	102.9	101.8	96.9	100.1	99.8
1998	7983	97.7	102.9	102.2	97.3	100.2	99.8
1999	7674	97.5	102.6	102.4	97.3	100.2	99.6
2000	8222	97.4	102.7	102.5	97.4	100.3	99.8
2001	8668	97.4	102.6	102.5	97.7	100.3	99.6
2002	8725	97.6	102.3	102.4	98.0	99.9	99.4
2003	9236	97.5	102.2	102.4	98.2	100.0	99.2
2004	9857	97.8	102.2	102.2	98.4	99.7	99.5
2005	9468	97.7	101.9	102.3	98.8	100.0	99.6
2006	10218	98.0	101.6	101.9	99.3	100.0	99.6
2007	10672	98.1	101.1	101.8	99.7	100.0	99.7
2008	10747	97.9	101.0	102.0	100.0	100.1	99.8
2009	13503	97.9	101.1	102.1	100.2	100.2	99.8
2010	13765	98.2	100.9	101.7	100.5	100.3	99.8
2011	13734	98.9	100.6	101.1	100.9	100.5	99.5
2012	14343	99.2	100.7	100.9	101.2	101.1	99.7
2013	15034	99.5	100.5	100.6	101.7	101.5	99.7
2014	15885	99.6	100.4	100.6	101.9	101.9	99.8
2015	16575	99.8	100.3	100.5	102.3	102.0	99.6
2016	16445	100.0	100.1	100.3	102.8	102.3	99.6
2017	12759	100.2	99.7	100.1	103.2	102.7	99.7
2018	9484	100.4	99.4	99.8	103.5	103.1	99.6
2019	7488	100.6	99.0	99.5	103.9	103.2	99.4

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	65	102.7	105.8	97.6	100.4	104.2	98.2	102.6	99.0	104.1	99.1	100.8
1981	101	102.9	106.5	97.5	100.9	104.3	98.5	102.7	99.0	104.6	99.1	101.4
1982	135	102.5	105.9	97.1	99.9	104.3	97.6	102.5	99.1	104.2	98.4	100.5
1983	173	103.3	107.5	96.1	100.5	105.8	97.3	103.2	98.7	105.4	97.8	101.1
1984	232	103.9	108.7	96.2	101.4	106.6	97.8	103.6	98.7	105.8	97.9	101.5
1985	338	104.3	109.0	96.1	101.7	106.9	97.8	104.0	99.0	105.8	97.9	101.7
1986	645	104.1	108.1	96.7	101.6	106.3	98.2	103.7	99.5	105.5	98.5	101.9
1987	774	104.4	108.7	96.3	101.6	106.6	98.0	103.9	99.6	105.6	98.4	101.8
1988	1185	104.3	108.2	96.6	101.3	106.5	98.0	103.7	99.7	105.6	98.6	101.8
1989	1636	103.9	107.5	97.0	101.0	105.8	98.2	103.4	99.6	105.1	98.9	101.7
1990	2141	103.4	106.6	97.4	100.4	105.4	98.0	103.1	99.4	104.6	99.2	101.2
1991	2937	103.4	106.2	97.6	100.4	105.1	98.0	103.2	99.5	104.6	99.4	101.3
1992	3736	102.9	105.5	98.3	100.3	104.2	98.5	102.8	99.4	104.0	99.9	101.2
1993	4082	103.0	105.4	98.5	100.5	104.1	98.8	102.8	99.4	103.9	100.0	101.4
1994	5123	102.7	104.7	98.8	100.3	103.6	98.9	102.5	99.8	103.5	100.1	101.2
1995	6337	102.3	104.1	99.1	100.1	103.1	99.2	102.0	99.9	103.3	99.9	101.2
1996	7290	101.7	103.2	99.4	99.7	102.5	99.1	101.7	99.5	102.6	99.9	100.7
1997	8673	101.7	102.7	99.5	99.5	102.4	98.9	101.7	99.4	102.3	99.9	100.5
1998	10179	101.6	102.2	99.9	99.5	102.1	98.9	101.6	99.7	102.1	99.9	100.5
1999	11340	101.2	102.3	99.7	99.6	101.7	99.1	101.2	99.7	102.1	99.9	100.5
2000	13647	101.1	101.8	100.2	99.6	101.6	99.4	101.2	99.4	101.8	100.1	100.6
2001	17293	101.1	101.2	100.5	99.4	101.3	99.4	101.3	99.5	101.3	100.3	100.4
2002	18689	100.8	100.5	100.6	99.3	100.8	99.5	101.1	99.5	100.9	100.2	100.3
2003	19946	100.5	100.3	100.6	99.4	100.2	99.7	100.8	99.4	100.5	100.3	100.4
2004	20713	100.6	100.2	100.5	99.4	100.3	99.7	100.8	99.7	100.7	100.1	100.3

2005	20170	100.4	100.1	100.5	99.6	99.9	100.1	100.7	99.8	100.4	100.3	100.3
2006	21261	100.1	100.0	100.6	99.9	99.6	100.4	100.3	99.8	100.2	100.5	100.0
2007	20690	99.9	99.7	100.6	100.0	99.5	100.3	100.2	99.6	100.1	100.5	100.0
2008	22411	99.9	99.6	100.5	99.9	99.4	100.3	100.2	99.4	100.1	100.5	100.0
2009	22034	99.7	99.6	100.4	99.9	99.3	100.4	100.1	99.4	100.1	100.6	100.0
2010	21694	99.9	99.6	100.3	99.9	99.4	100.1	100.3	99.4	100.0	100.5	99.9
2011	21142	100.1	99.7	100.0	100.2	99.6	99.7	100.7	99.1	99.9	100.2	100.1
2012	21116	100.0	99.3	100.2	100.1	99.4	99.6	100.9	98.9	99.2	100.9	99.4
2013	20497	99.9	98.9	100.5	99.9	99.1	99.7	100.9	98.6	99.4	101.1	99.7
2014	19233	99.6	98.6	100.7	99.8	99.1	99.7	101.0	98.3	97.4	101.2	99.2
2015	17139	99.8	98.6	100.8	99.8	99.1	99.7	101.1	98.2	98.7	101.3	99.5
2016	14468	99.9	98.4	100.8	99.7	99.1	99.5	101.2	98.2	98.4	101.1	99.6
2017	5201	100.0	98.6	100.8	99.9	99.1	99.6	101.3	98.1	98.6	101.1	100.0

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	43	99.0	100.1	97.9
1981	75	98.7	99.8	98.3
1982	92	99.4	100.5	98.5
1983	92	99.4	100.3	98.8
1984	84	98.7	99.8	97.8
1985	117	98.7	100.0	98.0
1986	244	98.3	99.7	97.8
1987	203	98.4	99.8	97.9
1988	271	99.2	100.3	98.9
1989	346	98.7	100.0	98.2
1990	434	99.3	100.2	98.3
1991	592	99.6	100.5	98.6
1992	672	99.7	100.5	99.0
1993	601	99.6	100.8	98.6
1994	737	100.1	100.9	99.1
1995	948	100.1	100.8	99.1
1996	1171	100.1	100.8	99.1
1997	1372	99.9	100.4	99.1
1998	1479	100.3	100.7	99.6
1999	1454	100.2	100.7	99.5
2000	1825	100.0	100.4	99.6
2001	1979	100.3	100.6	99.7
2002	1964	100.2	100.5	99.6
2003	1980	100.4	100.5	99.6
2004	2550	100.7	100.8	100.1
2005	2643	100.6	100.8	99.8
2006	2914	100.3	100.6	99.5
2007	2597	100.1	100.2	99.7
2008	2906	100.0	100.1	99.6
2009	2855	100.4	100.4	99.6
2010	2425	100.0	100.2	99.4
2011	2321	100.3	100.6	99.6
2012	1972	100.3	100.2	99.6
2013	1827	100.6	100.6	99.8
2014	1913	100.7	100.4	99.7
2015	1691	100.7	100.3	99.9
2016	1765	101.2	100.4	100.2
2017	1795	101.2	100.5	99.8
2018	887	101.0	100.0	100.4
2019	85	101.9	100.7	100.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21677	-1540.8	-6319.0	-248.6	-227.3
2002	22333	-1433.8	-5819.6	-232.6	-211.1
2003	22511	-1370.8	-5532.1	-220.1	-203.2
2004	22886	-1188.2	-4831.0	-192.2	-175.3
2005	22150	-1124.3	-4544.4	-183.4	-165.2
2006	23012	-851.1	-3374.9	-141.6	-123.8
2007	22177	-680.3	-2653.3	-116.2	-97.6
2008	23740	-505.4	-1926.2	-88.1	-71.7
2009	22967	-233.6	-834.7	-40.5	-33.5
2010	22637	-31.8	-80.8	-4.9	-5.0
2011	22651	327.3	1367.4	56.7	46.2
2012	23553	608.8	2429.8	104.5	86.8
2013	24322	928.4	3694.5	161.5	131.3
2014	25750	1377.4	5552.5	240.8	193.9
2015	26676	1839.9	7411.1	324.3	257.7
2016	26712	2416.9	9637.4	425.1	339.3
2017	18283	2896.4	11437.7	509.5	407.0
2018	8410	3906.4	15141.5	681.6	552.8
2019	6676	4304.0	16344.5	754.4	608.4

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

Jaar	Aantal	Eff	Int	Gewen
1980	38	99.5	96.5	101.8
1981	59	100.3	96.2	101.8
1982	76	100.1	97.1	101.8
1983	83	98.7	97.0	102.3
1984	76	98.7	96.4	102.2
1985	97	98.8	96.9	102.2
1986	207	99.0	97.2	102.1
1987	175	99.4	96.7	101.8
1988	240	98.9	96.3	101.6
1989	302	98.8	97.0	102.1
1990	434	99.3	97.1	102.4
1991	553	99.5	97.1	101.7
1992	680	99.9	96.9	101.4
1993	588	99.3	97.2	101.6
1994	741	99.5	97.1	101.4
1995	988	99.3	97.3	100.8
1996	1102	99.6	97.8	101.3
1997	1298	99.7	97.7	101.5
1998	1425	99.7	97.7	101.6
1999	1375	99.7	97.9	101.6
2000	1676	100.1	98.7	101.1
2001	1841	100.0	98.9	100.8
2002	1885	99.9	98.7	101.0
2003	2076	100.2	98.6	100.9
2004	2419	100.1	99.2	100.5
2005	2514	100.0	99.6	100.7
2006	2938	100.2	100.3	100.7
2007	2765	100.3	100.5	100.6
2008	3275	100.2	100.8	100.4

2009	3680	100.1	101.2	100.3
2010	4061	100.1	101.7	100.1
2011	4189	100.1	102.7	99.8
2012	4502	99.9	103.2	99.9
2013	4662	100.0	103.9	99.9
2014	5171	99.5	104.9	100.0
2015	5561	99.1	105.5	99.9
2016	5734	98.6	105.5	100.0
2017	3663	97.9	105.0	100.1

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	423	98.9	97.7	23	-3.5	0	0.0
1981	595	97.8	97.3	36	-2.9	0	0.0
1982	696	98.1	98.7	51	-3.5	0	0.0
1983	937	97.7	98.7	42	-2.8	0	0.0
1984	1079	97.6	99.0	34	-3.0	0	0.0
1985	1482	97.8	99.3	1495	-4.9	0	0.0
1986	2410	97.3	99.5	2372	-4.5	0	0.0
1987	3520	96.9	99.1	3514	-4.4	0	0.0
1988	4971	97.2	98.9	4936	-4.1	0	0.0
1989	6441	97.2	99.2	6426	-3.9	0	0.0
1990	7919	97.6	99.4	7864	-3.6	0	0.0
1991	9775	97.5	99.2	9708	-3.4	0	0.0
1992	11532	97.6	99.4	11460	-3.2	0	0.0
1993	12792	97.6	99.4	12748	-3.0	0	0.0
1994	14895	97.8	99.4	14837	-2.8	0	0.0
1995	16746	97.7	99.2	16675	-2.6	0	0.0
1996	17618	98.4	99.3	17532	-2.3	0	0.0
1997	18978	98.4	99.2	18851	-2.2	0	0.0
1998	20090	98.7	99.1	19966	-1.9	0	0.0
1999	20326	98.6	98.9	20213	-1.8	0	0.0
2000	21128	99.1	98.7	20955	-1.6	0	0.0
2001	21677	99.4	98.9	21509	-1.5	13140	97.0
2002	22339	99.5	98.7	22195	-1.3	13404	97.2
2003	22534	99.4	98.6	22399	-1.1	13476	97.8
2004	22882	99.6	98.8	22746	-1.0	13404	97.9
2005	22109	99.7	98.9	21934	-0.8	12503	98.5
2006	22949	100.0	99.1	22799	-0.5	12933	99.2
2007	22056	100.2	99.1	21980	-0.4	12017	99.7
2008	23579	100.4	99.3	23565	-0.2	12422	100.0
2009	22548	100.5	99.6	22733	-0.1	12445	100.1
2010	21894	100.7	99.6	22340	0.0	12889	100.5
2011	21804	101.1	100.1	22332	0.3	12927	101.4
2012	22416	101.3	100.7	23240	0.5	13360	101.9
2013	23069	101.7	100.8	24011	0.6	13702	101.9
2014	24211	102.0	100.9	25547	0.8	14043	102.2
2015	24892	102.5	101.0	26570	1.1	14098	102.5
2016	24700	103.2	101.1	26633	1.4	13334	102.9
2017	14400	103.6	101.1	18195	1.6	5353	103.3
2018	3	98.3	99.7	8417	1.8	5	103.6
2019	0	0.0	0.0	6901	1.9	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1983	10	-2278.6	-83.9	-84.8	-102.5	32.0	-4.3	2.1	-554.6
1984	20	-1824.2	-70.0	-72.8	-83.4	19.1	-10.6	-0.5	-470.4
1985	37	-1983.8	-77.7	-76.7	-90.4	19.1	-8.0	0.1	-504.8
1986	42	-1809.5	-69.6	-72.3	-83.0	19.5	-10.6	-1.0	-467.5
1987	101	-1860.8	-69.6	-72.0	-85.1	22.8	-7.4	-0.6	-466.9
1988	209	-1853.3	-67.4	-72.1	-84.7	26.3	-7.7	-0.5	-462.6
1989	383	-1794.5	-66.8	-69.3	-82.0	22.8	-6.5	-0.5	-448.9
1990	534	-1770.4	-66.8	-68.6	-81.2	21.6	-6.6	-0.9	-446.2
1991	763	-1601.0	-62.0	-63.7	-73.1	16.6	-8.5	-0.4	-413.3
1992	1162	-1539.5	-61.0	-61.7	-70.3	13.6	-8.9	-0.3	-402.4
1993	1614	-1481.6	-60.5	-60.5	-67.6	10.3	-10.1	-0.2	-395.2
1994	2110	-1359.4	-50.6	-54.3	-62.1	16.4	-7.3	-0.3	-347.5
1995	2841	-1309.0	-48.4	-52.0	-59.8	16.3	-6.5	-0.4	-332.7
1996	3282	-1194.1	-42.9	-48.7	-54.6	16.6	-7.6	-0.3	-306.2
1997	4009	-1081.3	-40.9	-45.3	-49.4	12.1	-8.4	-0.3	-286.4
1998	5058	-1030.9	-37.8	-42.4	-47.1	13.0	-6.9	-0.3	-267.5
1999	5169	-969.2	-35.6	-39.7	-44.3	12.2	-6.0	-0.3	-250.8
2000	5841	-810.6	-31.4	-34.7	-37.1	7.9	-7.0	-0.3	-219.6
2001	6277	-694.1	-29.0	-31.4	-31.8	4.1	-8.0	-0.3	-199.2
2002	6347	-558.7	-24.7	-27.0	-25.9	1.7	-8.4	-0.6	-170.4
2003	6425	-467.5	-21.6	-23.8	-23.2	0.3	-8.5	-2.3	-150.1
2004	6575	-352.5	-16.5	-19.8	-17.8	0.3	-8.4	-2.2	-121.2
2005	6550	-182.8	-13.8	-14.8	-10.5	-5.8	-9.6	-2.7	-92.8
2006	6569	-72.6	-12.4	-11.2	-4.1	-9.9	-9.9	-1.1	-73.3
2007	6549	-68.1	-9.6	-9.5	-4.2	-6.8	-8.1	-1.4	-60.6
2008	7032	-18.4	-7.3	-6.5	-1.8	-6.8	-6.5	-1.2	-42.7
2009	6848	-11.9	-9.1	-6.4	-0.5	-9.5	-6.7	0.1	-45.6
2010	6756	49.1	-6.3	-3.2	2.3	-9.3	-5.5	0.0	-25.8
2011	6287	154.8	-1.0	1.1	7.3	-8.5	-4.8	0.3	4.6
2012	5984	199.1	1.0	3.3	9.7	-8.4	-4.1	0.8	18.5
2013	5921	249.2	4.1	5.9	12.1	-7.3	-3.0	0.9	36.5
2014	5791	305.0	6.4	8.2	14.7	-7.4	-2.6	0.9	51.4
2015	5519	364.2	9.7	11.1	17.9	-6.5	-1.7	1.6	71.5
2016	5161	460.2	12.3	14.2	22.6	-8.5	-2.1	1.9	90.6
2017	2403	549.6	14.3	16.6	26.9	-10.7	-3.1	2.2	106.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	23	90.3	95.8	91.0	92.0	99.5	95.3	96.3
1986	22	91.0	95.9	92.2	93.1	99.7	95.2	96.5
1987	57	91.5	97.0	93.3	93.8	100.3	94.5	96.8
1988	111	91.6	97.6	93.3	93.6	100.8	94.5	97.5
1989	223	91.7	97.3	93.1	93.7	100.6	95.0	97.6
1990	323	91.2	97.1	93.0	93.5	100.6	94.8	96.9
1991	469	92.4	97.4	93.8	94.3	100.0	94.6	97.6
1992	735	93.1	97.4	93.8	94.5	100.2	95.1	98.4
1993	1020	94.0	97.8	94.6	95.2	100.5	94.9	98.9
1994	1288	94.1	98.4	95.7	95.6	100.5	95.2	99.4
1995	1746	93.8	98.7	96.2	96.2	100.2	95.5	99.2
1996	2036	94.6	98.7	97.4	97.0	99.9	95.1	99.8
1997	2487	95.0	99.0	97.7	97.3	100.0	95.8	99.4
1998	3106	95.6	99.7	98.4	98.0	100.1	95.9	99.3
1999	3066	96.2	99.7	98.5	98.2	100.1	95.8	99.6
2000	3600	97.1	99.4	98.0	97.8	100.2	96.6	99.5

2001	3900	97.7	99.9	98.7	98.4	100.1	96.5	100.1
2002	3858	98.4	100.0	99.2	99.3	99.4	97.0	100.4
2003	3848	99.1	100.0	99.6	99.8	99.4	97.6	100.2
2004	3916	99.1	100.1	99.8	100.1	98.9	97.8	100.4
2005	3814	99.3	100.2	100.0	100.3	98.5	98.3	101.0
2006	3791	99.8	100.5	100.3	100.7	98.8	98.6	101.1
2007	3718	100.0	100.3	100.3	100.8	98.8	99.1	100.7
2008	3975	100.5	100.1	100.1	100.6	99.0	99.1	100.7
2009	4014	101.1	100.6	100.4	100.6	99.5	99.4	100.8
2010	4093	101.5	100.5	100.5	100.8	99.2	99.7	101.1
2011	3881	101.6	100.3	100.6	101.0	99.1	99.8	100.9
2012	3735	101.4	100.3	100.4	100.8	99.2	100.0	101.0
2013	3754	101.7	100.3	100.5	101.2	99.1	99.5	101.0
2014	3445	102.2	100.6	100.8	101.8	99.2	99.3	101.0
2015	3271	102.8	100.5	101.1	101.8	99.2	99.7	101.0
2016	2917	103.6	100.6	101.6	102.7	99.1	100.3	101.2
2017	966	103.9	101.2	101.2	102.3	100.0	100.3	101.3

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

Jaar	Aantal	BA	BZ	KH	BG
1985	23	93.7	100.3	93.9	91.4
1986	22	93.8	101.0	93.7	91.3
1987	57	93.9	101.5	94.2	91.4
1988	111	94.6	100.9	94.1	92.2
1989	223	95.2	101.7	94.2	92.9
1990	323	95.3	101.4	94.4	92.9
1991	469	95.1	102.2	94.2	92.5
1992	735	95.6	101.4	95.1	92.8
1993	1020	96.2	101.4	95.5	93.6
1994	1288	94.8	101.8	94.7	92.7
1995	1746	95.1	102.3	94.7	92.9
1996	2036	96.5	103.0	94.8	94.1
1997	2487	96.8	103.3	94.6	94.6
1998	3106	97.3	103.9	94.4	95.2
1999	3066	97.7	103.4	94.8	95.4
2000	3600	98.2	102.7	96.4	96.2
2001	3900	98.5	102.9	96.6	96.3
2002	3858	98.2	102.7	96.6	96.3
2003	3848	98.2	102.6	96.8	96.5
2004	3916	98.3	103.1	96.6	96.7
2005	3814	98.5	103.2	96.2	97.2
2006	3791	98.9	102.6	96.9	97.7
2007	3718	99.0	102.1	97.4	98.1
2008	3975	98.8	101.5	98.1	98.0
2009	4014	99.5	101.2	98.7	98.9
2010	4093	100.3	100.6	99.4	99.8
2011	3881	101.3	100.6	99.7	100.9
2012	3735	101.7	100.5	100.1	101.5
2013	3754	101.9	100.4	100.3	101.7
2014	3445	102.3	100.1	100.6	102.0
2015	3271	102.5	99.9	100.8	102.3
2016	2917	102.8	99.7	101.1	102.7
2017	966	103.2	99.2	101.9	102.9

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

Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	23	95.9	91.7	100.6	96.9	90.8	93.7	92.7
1986	22	96.5	92.4	100.7	96.8	92.3	94.5	93.9
1987	57	96.1	92.2	101.4	97.3	93.0	93.6	93.1
1988	111	95.9	92.3	101.9	97.0	92.5	93.7	93.3
1989	223	95.6	92.9	102.2	96.6	92.6	93.8	93.6
1990	323	95.1	92.3	102.4	96.3	92.7	93.4	93.1
1991	469	95.7	92.5	102.2	96.8	93.1	93.7	93.4
1992	735	96.4	92.5	101.5	97.6	93.3	93.4	93.6
1993	1020	96.8	93.2	101.4	97.8	93.7	93.8	94.0
1994	1288	96.3	93.8	100.5	96.5	92.7	94.0	94.5
1995	1746	96.2	93.8	101.2	96.1	92.7	94.5	94.6
1996	2036	96.4	94.4	101.5	96.2	94.1	95.2	95.2
1997	2487	96.5	94.5	100.9	96.2	94.4	95.4	95.0
1998	3106	96.3	95.1	100.9	95.9	95.2	96.0	95.7
1999	3066	96.6	95.7	101.0	96.4	96.1	96.9	96.5
2000	3600	97.7	96.1	100.8	98.1	96.4	97.4	97.1
2001	3900	98.0	96.0	101.2	98.1	96.6	97.6	97.2
2002	3858	98.1	96.3	101.2	98.2	97.2	98.0	97.6
2003	3848	98.7	96.9	100.8	98.8	97.7	98.2	97.9
2004	3916	98.5	97.2	101.1	98.3	98.2	98.7	98.6
2005	3814	98.4	97.5	101.9	98.0	98.6	99.1	99.2
2006	3791	99.0	98.0	101.6	98.7	99.0	99.2	99.5
2007	3718	99.5	98.5	101.1	99.2	99.3	99.4	99.8
2008	3975	99.7	98.7	100.8	99.7	99.6	99.7	100.1
2009	4014	100.1	98.9	100.8	100.4	99.9	99.9	100.1
2010	4093	100.6	99.5	100.4	100.9	100.7	100.4	100.8
2011	3881	100.9	99.8	100.2	101.0	101.0	100.5	101.1
2012	3735	101.3	99.8	100.2	101.5	101.3	100.8	101.2
2013	3754	102.3	100.2	100.4	102.2	101.8	101.0	101.5
2014	3445	103.1	100.4	100.6	102.9	102.3	101.0	101.4
2015	3271	103.6	100.9	100.5	103.7	103.0	101.5	101.8
2016	2917	104.3	101.4	100.2	104.5	103.4	101.9	102.0
2017	966	105.0	101.7	100.2	105.2	103.5	102.0	102.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	23	91.2	92.2	93.1	90.2	0.0	87.4
1986	22	91.7	93.5	94.0	90.0	0.0	88.1
1987	57	92.2	94.7	94.1	90.6	0.0	88.7
1988	111	92.7	95.3	93.7	91.3	0.0	89.1
1989	223	93.0	95.1	93.6	92.0	0.0	89.5
1990	323	92.3	94.7	93.2	92.1	0.0	89.1
1991	469	93.0	95.3	93.8	91.7	0.0	89.5
1992	735	93.6	95.6	94.3	92.1	0.0	90.2
1993	1020	94.2	96.6	94.8	93.0	0.0	91.3
1994	1288	95.1	97.4	93.8	91.9	0.0	90.6
1995	1746	95.5	97.6	93.7	92.2	0.0	90.8
1996	2036	95.9	98.3	94.4	93.5	0.0	92.1
1997	2487	96.3	98.5	94.7	93.8	0.0	92.6
1998	3106	96.8	99.1	94.9	94.3	0.0	93.2
1999	3066	96.8	99.2	95.6	94.7	0.0	93.8
2000	3600	97.0	99.1	96.7	95.7	0.0	95.0
2001	3900	97.6	99.5	96.9	95.9	0.0	95.4
2002	3858	98.1	99.7	97.3	95.9	0.0	95.8

2003	3848	98.5	100.0	97.9	96.1	0.0	96.4
2004	3916	98.8	99.9	97.8	96.1	0.0	96.4
2005	3814	99.5	99.9	97.8	96.5	0.0	96.8
2006	3791	99.9	100.3	98.4	97.1	0.0	97.6
2007	3718	99.8	100.4	98.9	97.5	0.0	98.1
2008	3975	99.7	100.3	99.3	97.6	0.0	98.3
2009	4014	100.2	100.7	99.9	98.5	0.0	99.3
2010	4093	100.5	100.7	100.5	99.5	0.0	100.3
2011	3881	100.4	100.7	100.8	100.6	0.0	101.0
2012	3735	100.4	100.7	101.3	101.2	0.0	101.6
2013	3754	100.3	100.9	102.1	101.4	0.0	102.1
2014	3445	100.3	101.3	102.9	101.8	0.0	102.8
2015	3271	100.6	101.4	103.7	102.1	0.0	103.5
2016	2917	101.2	101.8	104.5	102.5	0.0	104.3
2017	966	101.3	102.2	105.1	102.7	0.0	104.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	35	103.7	108.1	106.2	108.0	103.4	100.6	87.8	107.4
1981	25	103.7	106.2	105.6	106.6	103.6	101.0	90.3	106.4
1982	15	104.1	105.4	105.3	106.0	103.7	101.0	90.3	105.8
1983	16	102.9	105.6	104.4	105.4	102.6	100.3	89.1	105.1
1984	28	102.0	104.0	102.6	103.2	101.8	100.4	89.6	103.0
1985	44	102.0	103.9	103.0	103.6	101.8	100.6	90.6	103.4
1986	59	102.7	104.2	103.6	104.2	102.7	100.8	92.0	104.1
1987	111	102.3	103.6	102.7	103.1	102.0	100.7	91.4	103.1
1988	209	102.2	103.7	102.7	103.2	102.1	101.0	91.6	103.1
1989	385	102.2	103.4	102.6	103.0	102.0	100.8	91.6	103.0
1990	538	101.9	103.4	102.4	102.9	101.8	100.8	91.7	102.8
1991	766	101.5	102.9	101.9	102.2	101.2	100.6	92.6	102.2
1992	1164	101.5	102.9	101.9	102.3	101.3	100.5	93.4	102.3
1993	1625	101.7	102.5	101.9	102.0	101.4	100.5	94.3	102.1
1994	2128	101.5	102.1	101.6	101.7	101.2	100.5	94.5	101.8
1995	2864	101.0	102.2	101.2	101.4	100.7	100.1	94.4	101.5
1996	3326	100.3	101.5	100.4	100.3	99.8	100.0	95.0	100.4
1997	4050	99.5	101.8	100.1	100.2	99.4	99.8	95.2	100.2
1998	5123	99.2	101.9	99.9	100.2	99.1	100.1	95.9	100.0
1999	5239	99.3	101.9	100.2	100.5	99.5	100.1	96.4	100.4
2000	5935	99.9	101.1	100.3	100.2	100.0	100.3	96.8	100.3
2001	6422	99.7	101.1	100.2	100.1	99.8	100.2	97.5	100.1
2002	6571	98.9	101.4	100.0	100.1	99.4	100.1	98.7	100.0
2003	6747	98.7	101.1	99.7	99.7	99.2	100.1	99.1	99.7
2004	6911	98.7	100.7	99.5	99.4	99.1	100.0	98.5	99.4
2005	6899	98.5	100.7	99.5	99.3	99.1	100.2	98.5	99.3
2006	6979	98.7	100.1	99.2	98.8	99.0	100.1	98.9	98.9
2007	7001	98.5	100.2	99.2	98.8	99.0	100.1	99.4	99.0
2008	7816	99.0	100.2	99.6	99.1	99.5	100.1	99.8	99.3
2009	7809	99.4	100.6	100.2	99.8	100.1	100.1	100.2	100.0
2010	7717	99.6	100.4	100.2	99.7	100.3	100.2	100.1	100.0
2011	7204	99.4	100.3	100.0	99.5	100.2	99.9	100.2	99.7
2012	7099	99.6	100.6	100.5	100.0	100.6	100.1	100.1	100.2
2013	7107	99.6	100.9	100.7	100.3	100.9	100.4	100.4	100.6
2014	7008	99.7	101.4	101.2	101.0	101.4	100.4	100.7	101.2
2015	6714	99.7	101.8	101.5	101.5	101.7	100.4	100.9	101.6
2016	6257	99.4	102.1	101.6	101.7	101.7	100.2	101.6	101.7
2017	3288	99.3	102.3	101.8	102.0	101.8	100.2	102.0	102.1

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1984	12	99.2	98.9	99.3	101.6	103.2
1985	20	100.8	89.6	98.4	101.2	102.9
1986	22	100.2	94.5	98.9	100.9	103.0
1987	59	99.8	97.3	98.8	100.9	102.7
1988	116	100.2	97.2	99.1	101.0	102.8
1989	216	100.0	98.1	98.7	100.5	102.4
1990	319	100.2	98.3	98.6	100.2	102.2
1991	449	100.5	99.3	98.7	100.2	102.0
1992	721	101.8	100.5	98.5	100.0	101.5
1993	986	101.7	100.7	98.3	99.7	101.4
1994	1259	102.3	100.5	98.4	99.5	101.2
1995	1731	101.8	100.5	98.4	99.4	100.9
1996	1995	101.5	100.3	98.5	99.1	100.9
1997	2435	101.6	100.3	98.3	98.8	100.4
1998	3037	101.4	100.2	98.2	98.5	99.7
1999	2999	100.7	100.0	98.2	98.3	99.3
2000	3557	100.7	100.0	99.0	99.5	100.5
2001	3890	100.9	99.8	98.8	99.1	100.0
2002	3871	100.9	99.2	98.2	98.3	99.3
2003	3876	101.1	99.5	98.2	98.2	99.2
2004	3923	101.1	99.4	98.3	98.2	98.8
2005	3810	101.5	99.5	98.5	98.2	98.8
2006	3786	101.8	100.0	98.8	98.5	99.0
2007	3714	101.7	100.1	98.8	98.4	98.9
2008	3959	101.3	100.2	99.2	98.7	99.1
2009	3965	100.6	100.3	99.8	99.4	100.0
2010	4037	100.5	100.4	100.1	99.5	99.9
2011	3817	100.6	100.5	100.7	99.9	99.9
2012	3688	100.5	100.8	101.3	100.4	100.2
2013	3657	100.8	101.2	101.8	100.7	100.4
2014	3350	101.0	101.8	102.1	101.0	100.3
2015	3200	100.9	101.4	102.8	101.5	100.6
2016	2845	101.0	101.4	103.5	102.0	101.2
2017	943	100.6	101.4	104.0	102.4	101.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1983	10	-224.0	-554.6	-70.2	104.5	105.1	91.2	90.6	100.0
1984	20	-209.1	-470.4	-157.1	102.8	103.0	92.3	91.2	98.0
1985	37	-205.8	-504.8	-175.5	102.5	103.4	93.1	90.2	99.8
1986	42	-188.1	-467.5	-179.6	102.5	104.1	94.0	90.0	99.6
1987	101	-201.1	-466.9	-215.3	102.2	103.1	94.1	90.6	99.3
1988	209	-201.3	-462.6	-231.9	102.3	103.1	93.7	91.3	99.1
1989	383	-197.9	-448.9	-231.6	101.8	103.0	93.6	92.0	99.3
1990	534	-198.2	-446.2	-230.9	101.5	102.8	93.2	92.1	99.0
1991	763	-194.4	-413.3	-250.2	101.4	102.2	93.8	91.7	98.7
1992	1162	-188.3	-402.4	-218.9	101.0	102.3	94.3	92.1	99.2
1993	1614	-188.6	-395.2	-234.3	100.8	102.1	94.8	93.0	99.3
1994	2108	-181.4	-347.5	-268.0	100.6	101.8	93.8	91.9	99.2
1995	2841	-176.1	-332.7	-235.1	100.3	101.5	93.7	92.2	99.6
1996	3281	-171.3	-306.2	-245.2	100.1	100.4	94.4	93.5	99.5

1997	4008	-167.5	-286.4	-249.2	99.7	100.2	94.7	93.8	99.3
1998	5058	-166.4	-267.5	-280.6	99.1	100.0	94.9	94.3	99.5
1999	5169	-153.7	-250.8	-259.0	98.8	100.4	95.6	94.7	100.0
2000	5841	-124.0	-219.6	-161.3	100.1	100.3	96.7	95.7	99.7
2001	6277	-120.7	-199.2	-163.1	99.6	100.1	96.9	95.9	99.6
2002	6347	-116.8	-170.4	-191.5	98.7	100.0	97.3	95.9	99.4
2003	6424	-108.2	-150.1	-175.0	98.7	99.7	97.9	96.1	99.2
2004	6574	-101.2	-121.2	-189.7	98.4	99.4	97.8	96.1	98.8
2005	6549	-85.9	-92.8	-162.4	98.3	99.3	97.8	96.5	98.9
2006	6569	-72.0	-73.3	-100.3	98.6	98.9	98.4	97.1	99.1
2007	6547	-61.5	-60.6	-72.3	98.6	99.0	98.9	97.5	98.8
2008	7031	-46.2	-42.7	-34.1	98.8	99.3	99.3	97.6	99.2
2009	6847	-32.8	-45.6	-1.1	99.7	100.0	99.9	98.5	99.2
2010	6755	-18.0	-25.8	16.8	99.7	100.0	100.5	99.5	99.3
2011	6287	2.7	4.6	51.6	99.9	99.7	100.8	100.6	99.5
2012	5984	22.0	18.5	94.6	100.3	100.2	101.3	101.2	99.9
2013	5920	39.6	36.5	135.9	100.6	100.6	102.1	101.4	100.1
2014	5791	55.3	51.4	165.5	100.6	101.2	102.9	101.8	100.6
2015	5519	75.1	71.5	200.2	101.1	101.6	103.7	102.1	101.2
2016	5161	93.8	90.6	239.7	101.7	101.7	104.5	102.5	101.5
2017	2403	105.4	106.0	266.4	101.9	102.1	105.1	102.7	102.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1987	11	94.7	94.6	99.3	97.0	93.7	98.7	95.7
1988	13	94.9	94.0	100.1	98.3	92.3	98.4	94.9
1989	19	95.6	95.3	99.7	97.8	95.2	97.5	96.4
1990	28	95.9	94.9	99.7	98.8	94.4	98.2	96.4
1991	64	94.3	94.7	98.2	96.3	95.2	97.3	97.2
1992	93	94.2	95.0	97.8	95.8	95.9	97.6	97.2
1993	151	94.4	95.7	97.6	95.9	96.2	97.8	97.3
1994	294	95.4	96.6	99.0	95.6	96.7	99.0	97.1
1995	377	95.5	96.8	99.0	95.6	96.8	99.2	97.0
1996	652	95.6	95.3	99.6	97.4	95.0	99.4	96.3
1997	1008	95.4	95.2	99.4	97.6	94.6	98.5	95.8
1998	2035	95.5	95.4	99.8	97.7	94.5	97.9	95.4
1999	2178	96.1	95.7	100.1	98.1	94.7	98.9	95.8
2000	2625	96.1	97.0	99.0	97.5	95.7	98.9	96.4
2001	2921	95.8	96.9	98.8	97.0	95.9	98.8	96.5
2002	3080	96.0	96.8	99.1	97.5	95.5	99.1	95.8
2003	3298	96.4	97.1	99.1	97.9	95.7	99.2	96.0
2004	3525	96.7	97.5	99.4	98.0	96.1	99.1	96.1
2005	3461	97.3	98.0	99.9	98.1	96.5	99.3	96.5
2006	3470	97.3	98.3	99.4	98.0	97.0	99.3	97.2
2007	3496	97.7	98.9	99.2	98.4	97.6	99.3	97.9
2008	3742	97.9	99.1	99.0	98.5	98.0	99.4	98.4
2009	3773	98.3	99.4	99.1	98.8	98.6	99.5	98.8
2010	3877	98.7	99.6	99.1	99.2	99.1	99.7	98.7
2011	3651	99.1	100.2	99.0	99.5	99.6	100.0	99.0
2012	3517	99.9	100.6	99.6	99.9	100.4	100.6	99.4
2013	3560	100.1	101.0	99.4	99.9	100.7	100.9	99.6
2014	3262	100.2	101.1	99.3	99.9	100.9	101.4	99.8
2015	3074	101.1	101.4	100.1	100.5	101.3	102.2	100.1
2016	2641	101.9	101.7	100.9	101.1	101.8	103.0	100.0
2017	818	101.9	101.7	100.9	101.1	101.9	103.1	99.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	10	95.6	101.3	95.6	101.3	96.4	99.8
1987	21	96.1	101.1	96.1	101.1	96.3	99.8
1988	22	95.5	101.1	95.5	101.1	96.0	98.8
1989	30	95.7	101.5	95.7	101.5	96.6	99.4
1990	43	95.9	101.3	95.9	101.3	96.1	99.9
1991	53	96.1	101.4	96.1	101.4	97.5	99.4
1992	51	95.6	101.1	95.6	101.1	96.5	99.4
1993	84	96.1	101.2	96.1	101.2	97.1	99.2
1994	115	95.7	101.5	95.7	101.5	97.3	99.4
1995	123	95.9	101.3	95.9	101.3	97.1	99.0
1996	166	96.3	101.1	96.3	101.1	97.0	99.2
1997	210	96.7	101.2	96.7	101.2	97.6	99.3
1998	266	96.6	101.5	96.6	101.5	97.3	99.4
1999	269	97.0	101.9	97.0	101.9	97.5	100.0
2000	384	97.5	101.0	97.5	101.0	97.9	100.3
2001	455	97.2	101.0	97.2	101.0	97.7	100.5
2002	493	97.3	100.6	97.3	100.6	97.7	100.3
2003	593	97.3	100.7	97.3	100.7	97.7	100.4
2004	661	97.4	100.2	97.4	100.2	98.0	100.1
2005	694	97.6	100.1	97.6	100.1	98.5	100.1
2006	778	98.0	100.1	98.0	100.1	98.7	100.2
2007	722	98.0	99.9	98.0	99.9	98.8	99.9
2008	891	98.5	99.7	98.5	99.7	99.5	99.8
2009	886	98.3	99.9	98.3	99.9	99.5	99.9
2010	845	98.7	100.0	98.7	100.0	100.2	100.2
2011	839	99.1	99.9	99.1	99.9	100.8	100.2
2012	758	99.7	100.1	99.7	100.1	101.3	100.5
2013	796	100.0	100.1	100.0	100.1	101.7	100.6
2014	684	99.9	100.7	99.9	100.7	102.0	100.6
2015	693	99.8	101.1	99.8	101.1	102.2	100.9
2016	403	99.8	101.4	99.8	101.4	102.6	101.0
2017	285	100.0	101.8	100.0	101.8	103.1	101.1
2018	88	100.3	102.0	100.3	102.0	103.0	101.3

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	18	96.0	103.5	104.2	98.2	99.9	103.2
1985	22	99.8	101.4	100.0	99.5	99.8	100.9
1986	30	99.3	101.1	100.5	94.8	96.1	97.9
1987	61	97.8	102.8	102.2	98.5	100.2	102.8
1988	125	97.7	102.5	102.3	96.0	97.2	100.2
1989	218	97.7	102.8	102.3	97.6	99.3	102.3
1990	319	97.9	102.9	102.1	97.5	100.4	103.2
1991	393	97.4	102.7	102.5	97.3	100.0	102.2
1992	549	97.1	102.3	102.7	97.6	99.4	100.0
1993	704	97.0	102.3	102.8	99.5	100.4	100.4
1994	770	96.7	102.1	103.0	99.4	99.8	100.5
1995	991	97.5	102.3	102.2	100.1	100.0	99.2
1996	1140	97.3	103.0	102.7	99.5	100.0	99.5
1997	1432	97.4	103.2	102.5	99.5	100.6	99.7
1998	1822	97.0	102.9	102.9	99.3	100.9	100.0
1999	1797	97.4	102.0	102.6	99.8	100.3	99.5

2000	2449	97.5	101.3	102.3	100.1	99.5	98.8
2001	2779	97.1	101.3	102.9	100.3	99.5	99.2
2002	2808	96.5	101.8	103.4	100.4	99.8	99.3
2003	3076	96.3	101.5	103.7	100.5	100.1	99.2
2004	3298	96.3	101.5	103.7	100.6	100.2	99.6
2005	3194	96.6	101.2	103.4	101.3	100.4	99.5
2006	3247	96.8	101.0	103.5	101.0	100.2	99.5
2007	3582	97.4	100.9	102.9	100.5	100.4	99.8
2008	3463	97.9	100.7	102.5	100.8	100.3	99.8
2009	4259	97.7	100.4	102.7	101.2	100.2	99.6
2010	4534	97.8	100.1	102.7	101.4	100.0	99.6
2011	4434	98.2	100.1	102.5	101.1	100.2	99.8
2012	4267	98.5	99.8	102.2	101.2	100.1	99.8
2013	4311	99.1	99.6	101.6	101.3	100.2	100.1
2014	4191	99.1	99.2	101.4	101.8	100.0	100.1
2015	4008	99.3	99.0	101.2	102.2	99.8	100.3
2016	3675	99.8	98.8	100.7	102.7	99.9	100.4
2017	2707	100.2	98.7	100.3	102.8	100.2	100.5
2018	2189	100.5	98.5	100.1	103.3	100.6	100.6
2019	1707	100.7	98.0	99.7	103.6	100.5	100.4

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1984	12	103.4	106.5	97.2	101.8	104.5	98.8	103.6	98.2	104.9	98.1	101.8
1985	14	103.6	107.2	94.7	100.8	105.4	96.9	103.9	98.3	105.4	97.4	100.6
1986	16	104.2	106.6	96.1	101.2	105.2	97.2	104.2	98.2	105.6	98.2	101.9
1987	39	104.5	106.6	97.4	102.1	105.2	98.5	104.9	97.7	105.1	98.7	102.9
1988	69	104.9	107.9	96.1	102.2	106.1	97.9	105.0	98.2	106.3	98.3	103.3
1989	112	105.3	108.1	96.6	102.6	106.5	98.4	105.3	98.1	106.7	98.8	103.7
1990	132	104.8	107.2	96.9	102.1	106.0	98.1	105.1	97.8	106.2	99.0	103.3
1991	226	104.4	106.3	97.4	101.6	104.8	98.4	104.4	98.4	105.7	99.1	103.2
1992	349	104.5	106.3	97.4	101.6	105.1	98.6	104.5	98.6	105.7	99.0	103.0
1993	482	104.6	105.8	97.6	101.8	105.0	98.6	104.5	98.7	105.6	99.2	103.1
1994	643	104.4	106.3	97.5	102.2	104.5	99.0	104.1	99.0	105.8	99.1	104.1
1995	915	103.8	105.6	98.5	101.6	103.8	99.6	103.5	99.1	105.2	99.6	103.3
1996	1192	103.4	105.1	99.1	101.6	103.4	99.8	103.5	98.4	105.3	99.7	103.4
1997	1623	103.1	104.8	98.8	101.5	103.1	99.7	102.9	98.8	104.8	99.4	102.9
1998	2296	102.8	104.0	98.9	101.5	102.3	99.4	102.7	99.1	104.0	98.9	102.8
1999	2557	102.4	103.8	98.7	101.5	102.0	99.5	102.4	98.9	103.5	98.9	102.6
2000	3716	102.2	103.0	98.9	101.1	101.7	99.9	101.9	99.8	103.3	99.2	102.1
2001	5001	102.2	102.7	99.6	101.2	101.5	100.2	101.9	99.8	102.9	99.6	102.2
2002	5433	102.5	102.1	100.2	101.3	101.3	100.0	102.3	100.1	102.3	99.9	102.1
2003	5872	102.3	101.5	100.5	100.9	101.1	100.0	102.2	100.1	101.8	99.9	101.7
2004	6102	102.2	100.9	100.6	100.6	101.1	99.8	102.0	100.4	101.7	99.4	101.8
2005	6077	102.0	100.3	101.0	100.4	101.0	99.8	101.8	100.3	101.4	99.4	101.7
2006	6206	101.7	99.9	101.1	100.1	100.5	99.9	101.6	100.3	101.0	99.6	101.3
2007	6272	101.1	99.7	101.0	99.7	100.0	100.2	101.1	99.9	100.5	100.0	100.5
2008	6945	100.9	99.5	101.0	99.4	99.9	100.2	101.0	100.0	100.4	100.1	100.3
2009	6869	100.6	99.9	100.2	100.1	99.7	100.3	101.0	99.2	100.3	99.9	100.5
2010	6770	100.5	99.3	100.6	99.6	99.6	100.2	100.8	99.4	100.1	99.9	100.1
2011	6176	100.4	98.7	100.8	99.1	99.5	100.0	100.6	99.6	99.8	99.8	99.8
2012	5751	100.4	98.6	100.9	98.9	99.7	100.0	100.7	99.4	99.8	100.2	99.7
2013	5417	100.5	98.2	101.3	98.7	99.7	100.0	100.8	99.2	100.2	100.5	100.1
2014	4619	100.3	97.7	101.8	98.7	99.6	100.1	100.9	99.0	98.7	100.6	99.8
2015	3924	100.1	97.4	101.9	98.6	99.1	100.4	100.6	98.9	99.3	100.9	99.6
2016	3130	99.7	97.0	102.0	98.6	98.6	100.6	100.5	98.5	98.8	100.9	99.5
2017	943	99.9	97.6	102.1	99.0	99.1	100.6	100.7	98.4	99.4	101.1	99.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	20	99.0	99.5	99.0
1988	18	99.7	100.0	99.9
1989	29	98.9	99.7	99.1
1990	33	98.4	99.4	98.7
1991	45	99.0	99.5	99.6
1992	37	98.4	99.4	99.2
1993	52	98.7	99.9	98.8
1994	68	99.2	100.2	99.2
1995	71	98.9	99.9	98.5
1996	90	99.4	100.2	98.5
1997	110	98.9	99.8	98.8
1998	138	99.5	100.2	99.7
1999	136	99.7	100.5	99.8
2000	208	99.2	100.1	99.6
2001	228	99.7	100.2	99.8
2002	279	99.6	100.4	99.6
2003	337	99.8	100.4	99.7
2004	409	100.3	100.7	100.0
2005	426	100.3	100.6	100.0
2006	447	100.4	100.6	99.7
2007	427	100.4	100.6	99.8
2008	523	100.3	100.6	99.8
2009	483	100.3	100.1	100.5
2010	455	100.1	100.0	99.7
2011	466	100.4	100.2	100.1
2012	352	101.0	100.9	100.4
2013	353	101.1	100.7	100.8
2014	286	100.8	100.2	100.8
2015	297	100.9	100.6	100.2
2016	210	101.6	101.0	101.0
2017	235	101.8	101.2	100.8
2018	113	101.8	100.8	100.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6279	-1829.8	-7520.8	-288.0	-273.7
2002	6351	-1889.7	-7711.1	-301.2	-280.9
2003	6419	-1720.4	-7021.9	-273.2	-256.4
2004	6576	-1712.2	-6969.2	-272.3	-255.1
2005	6548	-1452.3	-5723.2	-235.3	-214.7
2006	6567	-1024.0	-3868.1	-167.5	-151.2
2007	6552	-814.7	-3206.1	-128.7	-122.2
2008	7047	-514.4	-2075.3	-79.3	-78.0
2009	6965	-316.2	-1174.8	-49.5	-47.9
2010	6928	-125.6	-475.2	-18.8	-19.5
2011	6463	211.2	816.0	39.7	28.4
2012	6292	551.8	2156.0	97.8	77.3
2013	6229	899.2	3459.0	157.9	126.8
2014	6125	1171.6	4562.2	204.5	165.7
2015	5860	1494.4	5772.6	259.9	212.0

2016	5621	1846.6	7286.4	317.5	263.3
2017	3053	2143.6	8622.4	364.9	307.0
2018	1150	3102.2	12372.1	528.6	444.4
2019	853	3583.3	13853.4	626.6	506.7

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

Jaar	Aantal	Eff	Int	Gewen
1987	14	101.8	96.6	100.7
1988	13	101.2	96.5	101.2
1989	22	101.6	97.4	101.3
1990	22	101.7	97.8	101.0
1991	34	100.7	97.8	101.5
1992	39	102.1	97.2	101.5
1993	59	102.0	97.3	101.7
1994	96	102.3	94.9	102.1
1995	104	101.9	96.1	101.9
1996	133	102.4	95.9	101.8
1997	153	101.9	95.8	101.6
1998	232	101.6	95.6	101.6
1999	194	101.6	96.4	101.4
2000	294	101.0	96.9	101.1
2001	359	101.7	96.9	100.8
2002	373	101.5	97.2	100.8
2003	411	101.4	97.7	100.8
2004	442	101.6	98.6	100.8
2005	484	102.3	98.7	100.6
2006	511	102.3	99.5	100.1
2007	504	102.2	99.8	100.0
2008	657	101.7	100.3	100.0
2009	669	101.2	100.4	100.4
2010	766	101.0	101.3	100.1
2011	768	101.2	102.4	99.6
2012	773	101.2	103.5	99.4
2013	843	101.4	104.7	99.3
2014	858	101.3	105.9	99.4
2015	865	101.5	106.2	99.4
2016	847	101.3	107.1	99.3
2017	427	101.0	106.8	98.7

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1983	10	96.8	97.6	0	0.0	0	0.0
1984	20	98.2	97.7	3	-2.9	0	0.0
1985	37	96.4	96.1	36	-4.9	0	0.0
1986	42	95.5	96.9	41	-4.4	0	0.0
1987	101	95.9	97.0	101	-4.2	0	0.0
1988	209	95.0	96.5	205	-4.1	0	0.0
1989	383	95.5	96.4	384	-3.9	0	0.0
1990	534	95.7	96.7	531	-4.0	0	0.0
1991	763	95.3	96.5	763	-3.7	0	0.0
1992	1162	95.4	96.7	1161	-3.5	0	0.0
1993	1614	94.7	96.3	1611	-3.4	0	0.0

1994	2110	94.5	96.7	2107	-2.9	0	0.0
1995	2841	95.4	96.8	2835	-2.8	0	0.0
1996	3282	95.4	96.3	3282	-2.6	0	0.0
1997	4009	95.4	96.3	4006	-2.3	0	0.0
1998	5058	95.2	96.2	5058	-2.1	0	0.0
1999	5169	95.6	96.6	5169	-2.0	0	0.0
2000	5841	96.3	97.3	5842	-1.7	0	0.0
2001	6277	96.7	97.4	6274	-1.5	3900	98.9
2002	6347	96.4	96.9	6348	-1.2	3858	99.1
2003	6425	96.4	96.7	6415	-1.0	3848	99.3
2004	6575	96.6	96.5	6569	-0.8	3916	99.3
2005	6550	97.2	96.6	6549	-0.6	3813	99.4
2006	6569	97.9	97.2	6561	-0.4	3791	99.9
2007	6549	98.1	97.4	6540	-0.4	3717	99.8
2008	7032	98.2	98.0	7042	-0.2	3975	99.9
2009	6848	98.2	98.4	6957	-0.1	4013	100.7
2010	6756	98.4	98.3	6909	-0.0	4092	100.7
2011	6287	98.9	98.5	6448	0.2	3879	100.6
2012	5984	99.2	98.9	6268	0.3	3735	100.6
2013	5921	99.6	99.1	6212	0.4	3754	100.6
2014	5791	100.2	99.1	6104	0.5	3444	101.0
2015	5519	100.7	99.6	5853	0.7	3270	101.2
2016	5161	101.4	99.5	5625	0.9	2916	101.7
2017	2403	101.9	99.5	3032	1.1	966	102.4
2018	0	0.0	0.0	1159	1.3	0	0.0
2019	0	0.0	0.0	873	1.5	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	105	-2817.6	-97.3	-91.9	-128.0	38.6	11.0	0.9	-619.6
1981	169	-2832.7	-96.5	-92.5	-128.7	40.9	11.0	0.8	-620.8
1982	235	-2825.1	-95.6	-92.7	-128.4	42.1	10.4	0.8	-619.3
1983	452	-2798.8	-95.6	-92.8	-127.2	40.0	8.7	0.8	-619.2
1984	438	-2702.3	-89.0	-89.8	-122.7	43.6	8.0	0.8	-591.7
1985	584	-2820.9	-90.8	-92.1	-128.2	50.1	11.3	0.9	-606.9
1986	560	-2623.2	-81.3	-85.5	-119.1	50.5	10.4	0.8	-557.2
1987	654	-2496.3	-79.1	-81.6	-113.4	44.6	9.4	0.8	-534.9
1988	654	-2334.4	-74.8	-77.1	-106.0	39.4	7.4	0.7	-504.9
1989	688	-2270.1	-70.7	-75.2	-103.0	41.0	6.8	0.8	-488.0
1990	609	-2101.0	-60.3	-68.9	-95.3	44.7	7.2	0.7	-437.9
1991	625	-1841.9	-49.4	-59.9	-83.5	43.2	7.1	0.7	-374.3
1992	903	-1714.8	-47.7	-56.6	-77.7	36.9	5.2	0.6	-355.5
1993	709	-1576.6	-44.7	-52.5	-71.4	32.0	4.1	0.7	-330.7
1994	476	-1474.2	-38.8	-48.4	-66.7	34.0	4.7	0.6	-300.1
1995	532	-1226.6	-31.5	-41.3	-55.5	28.5	2.5	0.6	-252.1
1996	415	-1098.3	-28.8	-37.4	-49.6	24.2	1.6	0.6	-229.0
1997	243	-1104.0	-31.9	-38.9	-49.9	20.8	0.0	0.6	-241.7
1998	192	-1055.9	-30.3	-36.7	-47.7	20.3	0.8	0.6	-228.8
1999	175	-1056.6	-31.7	-36.9	-47.8	18.2	0.6	0.5	-232.5
2000	163	-826.2	-29.5	-31.0	-37.5	8.0	-2.2	0.2	-200.4
2001	153	-753.2	-25.2	-27.1	-34.8	9.9	-0.3	-0.5	-174.6
2002	141	-858.0	-25.4	-29.1	-38.3	15.7	2.0	1.0	-184.0
2003	140	-695.9	-20.7	-24.0	-30.4	12.1	0.9	1.8	-150.6
2004	109	-496.3	-18.9	-20.2	-22.2	3.6	-2.9	0.5	-129.2
2005	106	-496.6	-18.9	-19.9	-21.8	3.5	-2.5	1.1	-127.2
2006	103	-474.5	-16.2	-16.3	-19.2	5.4	0.7	2.9	-106.7
2007	84	-273.5	-11.6	-10.2	-10.7	1.0	-0.3	1.9	-69.4
2008	62	-301.5	-13.5	-13.5	-10.2	0.4	-2.9	4.0	-87.0

2009	53	-314.3	-16.5	-12.2	-11.0	-2.2	-0.8	3.9	-87.9
2010	34	-148.6	-15.2	-9.8	-2.6	-9.3	-4.9	4.9	-73.0
2011	34	54.8	-4.4	-3.1	9.5	-7.1	-5.2	8.0	-19.0
2012	28	-144.9	-6.8	-6.7	0.3	0.4	-1.2	8.2	-41.7
2013	24	-203.0	-3.8	-5.4	-3.2	6.6	2.4	7.0	-31.3
2014	23	-9.8	-7.1	-3.0	3.1	-6.1	-2.3	3.7	-26.2
2015	22	-64.3	-4.8	-3.3	3.2	-0.8	-0.2	7.4	-22.5
2016	13	251.0	19.7	11.7	21.9	11.0	3.9	12.5	95.9

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	42	82.2	97.3	86.1	85.7	103.7	94.2	96.4
1981	63	83.8	97.4	87.3	86.9	103.9	95.3	96.5
1982	80	85.0	97.8	87.8	87.6	104.2	95.7	97.1
1983	172	84.4	97.5	87.8	87.3	103.7	94.9	96.8
1984	167	85.1	96.9	88.0	88.0	103.4	95.5	96.6
1985	202	85.5	97.3	88.1	88.1	103.9	95.4	96.4
1986	202	86.0	97.4	89.0	88.8	103.9	96.0	96.9
1987	227	87.1	97.6	89.8	89.6	103.4	95.8	97.1
1988	211	88.2	97.6	91.3	90.8	103.0	95.4	97.3
1989	293	88.1	96.9	90.8	90.4	102.2	95.3	96.9
1990	277	88.7	96.3	91.0	90.9	101.7	96.6	97.3
1991	318	90.0	96.8	91.8	91.9	100.9	97.5	97.1
1992	425	90.8	97.6	92.9	92.9	101.0	97.5	96.8
1993	339	91.4	98.2	93.1	93.2	100.8	97.8	96.7
1994	231	91.4	97.9	93.0	93.2	100.7	97.7	96.7
1995	258	92.4	98.8	94.0	94.2	100.3	97.9	96.2
1996	206	92.8	98.6	94.2	94.7	100.2	98.3	96.1
1997	122	92.6	98.4	94.4	94.6	100.5	98.1	96.1
1998	113	93.6	98.3	95.0	95.2	100.2	97.9	96.8
1999	82	94.1	98.7	95.9	96.4	99.8	98.1	97.6
2000	78	94.0	98.3	95.8	95.8	99.6	98.1	97.9
2001	78	94.9	98.8	96.3	97.1	99.7	98.6	98.2
2002	62	94.8	98.4	96.2	97.1	99.5	99.1	98.0
2003	68	94.9	98.0	95.9	97.0	99.1	98.2	97.9
2004	53	96.0	97.9	96.9	97.6	98.0	98.3	97.3
2005	51	95.3	98.4	96.6	97.2	99.1	99.2	97.1
2006	52	97.0	99.4	97.2	97.1	99.8	100.0	98.7
2007	32	97.7	99.5	97.7	98.1	99.8	100.8	98.8
2008	21	98.3	100.6	98.0	97.8	101.1	99.4	101.2
2009	22	96.4	98.8	96.3	96.5	100.9	98.8	98.7
2010	23	98.7	99.5	98.0	98.7	100.4	99.9	99.9
2011	20	96.5	98.0	97.2	98.7	99.6	98.8	98.8
2012	13	98.6	98.9	99.3	99.5	99.6	97.8	99.4
2013	13	100.2	100.9	98.9	99.0	101.4	98.8	100.3
2014	17	100.7	99.9	99.8	100.4	100.8	99.5	99.9
2015	14	99.9	98.5	98.5	99.8	98.8	100.0	99.9

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

Jaar	Aantal	BA	BZ	KH	BG
1980	42	92.3	96.9	91.2	89.6

1981	63	93.7	97.0	92.8	90.8
1982	80	93.8	97.5	93.3	90.8
1983	172	94.0	97.6	92.4	91.0
1984	167	94.1	97.8	93.3	91.4
1985	202	94.5	98.2	93.7	91.7
1986	202	94.7	99.2	93.5	91.9
1987	227	94.9	98.6	94.2	92.1
1988	211	95.5	99.4	94.5	92.5
1989	293	95.9	99.7	94.5	93.5
1990	277	96.0	100.0	94.9	93.8
1991	318	95.7	101.0	94.5	94.2
1992	425	95.5	101.6	94.3	94.1
1993	339	94.9	101.7	93.9	93.9
1994	231	95.4	101.9	94.2	94.3
1995	258	94.5	102.5	93.8	94.1
1996	206	95.0	102.4	93.9	94.6
1997	122	95.5	102.0	94.3	94.9
1998	113	96.4	100.8	95.5	95.8
1999	82	96.6	101.5	95.0	95.8
2000	78	96.5	101.2	95.2	95.7
2001	78	97.6	100.4	95.7	97.0
2002	62	96.6	100.2	95.9	96.4
2003	68	98.4	100.5	95.9	97.5
2004	53	96.8	100.8	95.9	96.3
2005	51	97.6	100.8	96.4	96.8
2006	52	97.6	100.0	97.2	97.4
2007	32	98.2	99.8	97.4	97.6
2008	21	98.9	100.4	98.0	98.0
2009	22	98.8	99.1	98.1	98.4
2010	23	98.7	100.4	97.5	98.9
2011	20	98.1	100.5	97.2	98.0
2012	13	98.7	99.0	97.9	97.2
2013	13	99.8	98.8	99.1	98.9
2014	17	99.2	99.1	98.5	98.6
2015	14	100.8	99.7	98.5	99.0

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	42	89.9	89.4	99.0	91.8	83.0	88.9	88.0
1981	63	90.1	89.2	98.7	92.3	84.2	89.9	88.9
1982	80	91.0	89.8	99.1	93.2	84.7	89.9	89.0
1983	172	90.8	89.5	99.5	93.0	85.0	90.0	88.7
1984	167	91.1	89.7	99.3	93.1	86.4	90.3	89.2
1985	202	91.4	90.1	99.3	93.6	85.9	89.9	89.2
1986	202	92.2	91.0	99.1	93.7	86.6	91.4	90.3
1987	227	92.0	90.6	99.9	93.7	87.1	90.8	89.7
1988	211	92.8	91.4	99.4	94.0	88.5	92.1	90.6
1989	293	92.7	91.5	99.2	93.8	88.8	92.6	90.9
1990	277	93.6	93.4	98.7	95.0	89.6	94.4	93.0
1991	318	94.3	94.0	100.0	95.6	91.3	95.2	93.7
1992	425	94.4	93.5	100.8	95.3	92.0	95.0	93.3
1993	339	94.2	93.3	101.1	95.4	92.5	94.7	93.1
1994	231	94.3	93.7	101.3	95.4	92.5	94.8	93.4
1995	258	94.8	93.6	102.5	95.5	94.2	95.3	94.1
1996	206	94.6	93.7	102.4	95.4	94.4	95.3	94.0
1997	122	94.9	94.2	101.9	95.6	94.2	95.6	94.4
1998	113	95.9	95.5	100.7	96.7	94.5	96.5	95.8
1999	82	96.3	95.5	101.1	96.2	94.2	96.4	96.2

2000	78	95.7	96.0	100.5	96.1	94.5	96.4	96.1
2001	78	96.1	95.9	100.9	96.3	96.0	96.9	96.7
2002	62	96.1	96.6	101.5	96.1	95.1	96.1	96.4
2003	68	96.4	96.8	101.5	97.1	96.8	97.2	97.1
2004	53	96.6	96.3	101.0	96.6	95.8	96.8	96.5
2005	51	96.8	96.3	100.6	96.4	96.4	97.4	97.0
2006	52	97.9	98.2	100.1	97.7	97.0	97.6	98.0
2007	32	97.6	98.9	101.2	97.4	96.5	98.1	98.7
2008	21	98.1	97.5	100.7	98.3	96.7	98.4	98.2
2009	22	97.4	97.7	100.5	98.0	96.5	98.3	97.9
2010	23	99.0	98.5	100.1	99.1	98.4	98.7	98.6
2011	20	97.7	99.0	99.0	98.4	98.2	99.8	99.5
2012	13	99.2	100.8	98.3	100.8	98.9	100.8	100.5
2013	13	99.5	99.2	100.2	101.6	97.2	98.5	99.2
2014	17	100.8	100.8	100.1	101.2	100.2	99.5	100.4
2015	14	100.7	99.4	99.6	102.3	98.9	98.6	99.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	42	89.5	89.7	85.0	87.7	0.0	80.8
1981	63	90.5	90.9	86.0	89.2	0.0	82.6
1982	80	91.3	91.7	86.9	89.5	0.0	83.7
1983	172	90.7	91.2	86.9	89.5	0.0	83.4
1984	167	90.8	91.3	87.6	90.1	0.0	84.1
1985	202	90.8	91.7	87.7	90.5	0.0	84.4
1986	202	91.7	92.5	88.6	90.9	0.0	85.6
1987	227	92.1	93.2	88.7	91.1	0.0	85.9
1988	211	92.5	94.2	90.0	91.9	0.0	87.2
1989	293	91.7	93.0	90.0	92.8	0.0	87.3
1990	277	92.5	93.0	91.3	93.0	0.0	88.4
1991	318	93.3	93.4	92.6	93.2	0.0	89.5
1992	425	93.8	94.6	92.8	93.2	0.0	89.9
1993	339	94.2	94.8	93.0	92.7	0.0	89.9
1994	231	94.0	94.6	92.9	93.3	0.0	90.1
1995	258	94.5	95.4	93.8	92.8	0.0	90.6
1996	206	94.7	95.6	93.9	93.4	0.0	91.0
1997	122	94.6	95.9	94.0	93.7	0.0	91.2
1998	113	95.0	96.2	94.9	94.7	0.0	92.5
1999	82	96.0	97.1	94.6	94.7	0.0	92.7
2000	78	95.9	96.8	94.6	94.6	0.0	92.6
2001	78	96.6	97.9	95.3	96.0	0.0	94.1
2002	62	96.6	97.6	94.8	95.4	0.0	93.4
2003	68	95.9	97.1	96.1	96.7	0.0	94.6
2004	53	95.9	96.8	95.5	95.4	0.0	93.5
2005	51	96.4	97.1	95.7	96.2	0.0	94.2
2006	52	98.2	98.2	96.9	96.4	0.0	95.6
2007	32	98.8	98.9	96.6	97.0	0.0	96.2
2008	21	99.6	100.1	97.2	97.6	0.0	97.1
2009	22	97.1	98.2	96.7	97.6	0.0	95.8
2010	23	98.8	99.9	98.4	98.0	0.0	97.8
2011	20	97.0	98.9	97.9	97.0	0.0	96.2
2012	13	97.5	99.5	99.6	96.5	0.0	97.1
2013	13	99.2	100.8	99.0	98.2	0.0	98.5
2014	17	99.5	101.3	100.5	97.8	0.0	99.1
2015	14	98.6	99.2	100.5	98.8	0.0	99.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	415	105.4	106.7	106.2	107.9	103.7	100.5	87.4	107.3
1981	563	105.2	106.7	106.3	107.8	103.7	100.7	88.5	107.3
1982	694	105.6	106.0	106.1	107.2	103.8	100.7	88.6	106.9
1983	1076	105.5	105.7	105.8	106.9	103.5	100.5	87.8	106.6
1984	835	105.2	105.6	105.7	106.6	103.6	100.9	88.9	106.4
1985	979	105.3	105.4	105.5	106.7	103.4	100.6	88.5	106.3
1986	796	104.2	104.9	104.6	105.8	102.7	100.1	89.4	105.5
1987	753	104.0	104.8	104.4	105.5	102.5	100.6	90.3	105.2
1988	663	104.0	103.8	103.7	104.6	102.2	101.2	90.7	104.4
1989	689	103.5	103.6	103.2	104.1	101.7	100.8	91.0	103.9
1990	612	103.5	103.3	103.3	104.1	101.9	101.4	91.3	103.9
1991	628	102.8	102.7	102.6	103.4	101.3	101.3	91.7	103.2
1992	908	102.4	102.5	102.1	102.9	101.0	101.3	92.5	102.7
1993	713	102.0	102.4	101.9	102.7	100.8	101.4	93.2	102.5
1994	477	102.2	101.9	101.8	102.3	100.9	101.1	93.0	102.2
1995	534	101.7	101.1	101.0	101.4	100.3	100.8	93.6	101.3
1996	416	101.3	101.0	100.7	101.1	100.1	100.8	94.3	101.0
1997	243	101.4	101.2	101.0	101.4	100.2	100.0	94.6	101.3
1998	198	101.3	100.9	100.8	101.0	100.0	100.1	95.4	100.9
1999	182	101.2	101.0	100.8	100.9	100.0	100.7	95.2	100.9
2000	168	100.7	100.9	100.2	100.6	99.4	100.6	96.6	100.4
2001	156	100.9	100.6	100.6	100.5	99.7	100.1	97.0	100.5
2002	147	101.3	100.5	100.7	100.6	99.9	100.4	96.5	100.7
2003	153	101.2	100.4	100.6	100.4	100.2	100.8	96.6	100.5
2004	121	101.5	99.5	100.4	99.8	100.1	101.3	96.9	100.1
2005	110	100.9	99.7	99.9	99.6	99.5	100.0	97.3	99.7
2006	113	100.2	100.4	99.6	100.1	99.1	98.6	96.2	99.8
2007	96	100.5	100.2	99.7	100.0	99.4	98.9	96.7	99.8
2008	78	100.5	100.7	100.2	100.5	99.8	99.1	96.4	100.4
2009	57	100.7	101.3	101.1	101.4	100.5	100.1	97.7	101.4
2010	41	101.0	100.6	100.9	100.9	100.6	100.2	97.4	101.0
2011	43	100.9	100.8	100.6	100.9	100.7	99.6	96.5	100.9
2012	33	100.6	101.3	100.8	101.2	100.4	99.3	96.2	101.1
2013	32	101.0	102.4	101.8	102.7	101.7	99.8	96.6	102.4
2014	33	101.1	102.0	102.0	102.6	101.7	100.1	98.0	102.5
2015	37	99.8	102.3	101.3	101.9	101.1	100.0	99.6	101.7
2016	20	98.4	103.3	101.2	102.5	100.5	99.2	100.4	102.0
2017	15	99.8	102.9	101.7	102.7	101.2	99.1	99.0	102.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	38	98.9	76.1	100.1	105.0	107.7
1981	60	98.8	59.8	99.3	104.2	107.0
1982	77	99.8	56.5	99.2	103.7	106.4
1983	165	99.2	62.8	99.2	103.9	106.6
1984	163	99.2	72.8	98.9	103.2	106.2
1985	197	98.7	68.0	99.5	103.7	106.6
1986	206	98.5	75.5	99.5	103.4	106.2
1987	236	98.9	84.1	98.8	102.4	105.6
1988	221	99.1	92.2	98.4	102.0	105.3
1989	297	98.5	90.5	98.3	101.9	104.4
1990	287	98.3	94.8	99.0	102.7	104.9

1991	316	98.3	94.2	98.7	102.0	103.8
1992	438	98.2	95.2	98.0	100.9	103.3
1993	337	98.1	94.2	97.9	100.6	103.1
1994	226	98.2	94.9	97.9	100.7	102.5
1995	267	98.1	95.2	97.5	99.9	101.7
1996	209	98.3	95.8	97.6	99.7	101.2
1997	120	98.7	95.2	97.8	99.9	101.2
1998	114	98.7	97.1	98.1	100.1	101.1
1999	81	98.7	97.5	98.4	100.2	101.7
2000	76	99.2	97.6	98.2	100.2	101.0
2001	78	99.5	98.0	98.3	99.9	100.8
2002	64	100.1	98.1	97.4	98.8	99.1
2003	69	99.4	97.7	97.9	99.4	100.2
2004	53	99.7	97.9	98.5	99.7	100.4
2005	51	99.5	98.2	98.3	99.2	99.9
2006	51	99.6	99.3	98.9	100.0	100.5
2007	31	100.2	99.7	99.0	99.6	100.6
2008	21	100.3	99.2	99.4	100.1	100.7
2009	22	98.6	100.6	99.5	100.0	100.8
2010	23	100.0	100.4	99.5	100.6	101.1
2011	18	100.6	100.4	100.2	100.4	100.7
2012	12	100.9	99.0	101.2	101.6	101.8
2013	13	100.2	100.9	100.9	101.7	101.1
2014	15	100.7	100.0	102.1	102.0	102.4
2015	13	100.3	100.4	103.2	102.6	102.5

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	105	-226.9	-619.6	-229.8	107.3	107.3	85.0	87.7	101.1
1981	169	-238.3	-620.8	-263.4	106.6	107.3	86.0	89.2	100.3
1982	234	-234.6	-619.3	-237.1	105.9	106.9	86.9	89.5	99.9
1983	451	-242.0	-619.2	-254.0	106.1	106.6	86.9	89.5	100.4
1984	438	-231.5	-591.7	-235.9	105.5	106.4	87.6	90.1	100.2
1985	584	-211.9	-606.9	-248.4	106.0	106.3	87.7	90.5	100.2
1986	560	-202.7	-557.2	-243.4	105.6	105.5	88.6	90.9	100.0
1987	654	-208.1	-534.9	-276.5	104.8	105.2	88.7	91.1	99.7
1988	654	-202.5	-504.9	-277.5	104.4	104.4	90.0	91.9	99.8
1989	688	-195.4	-488.0	-274.1	103.7	103.9	90.0	92.8	100.0
1990	609	-165.1	-437.9	-242.6	104.4	103.9	91.3	93.0	100.3
1991	625	-145.2	-374.3	-223.9	103.4	103.2	92.6	93.2	100.7
1992	903	-146.8	-355.5	-230.3	102.6	102.7	92.8	93.2	100.8
1993	709	-138.7	-330.7	-207.9	102.3	102.5	93.0	92.7	100.9
1994	476	-126.6	-300.1	-179.5	101.9	102.2	92.9	93.3	101.2
1995	532	-118.3	-252.1	-163.6	101.0	101.3	93.8	92.8	101.2
1996	415	-108.8	-229.0	-146.7	100.6	101.0	93.9	93.4	101.3
1997	243	-114.0	-241.7	-176.7	100.7	101.3	94.0	93.7	100.7
1998	192	-109.7	-228.8	-175.5	100.8	100.9	94.9	94.7	99.6
1999	175	-106.5	-232.5	-162.6	101.2	100.9	94.6	94.7	99.7
2000	163	-102.5	-200.4	-160.4	100.8	100.4	94.6	94.6	99.4
2001	153	-84.5	-174.6	-125.0	100.6	100.5	95.3	96.0	99.6
2002	141	-100.3	-184.0	-186.5	98.8	100.7	94.8	95.4	100.5
2003	140	-78.8	-150.6	-153.4	99.8	100.5	96.1	96.7	99.9
2004	109	-72.6	-129.2	-122.0	100.1	100.1	95.5	95.4	99.8
2005	106	-79.8	-127.2	-136.9	99.6	99.7	95.7	96.2	99.5
2006	103	-64.5	-106.7	-107.8	100.3	99.8	96.9	96.4	99.7
2007	84	-46.7	-69.4	-55.6	100.1	99.8	96.6	97.0	99.8
2008	62	-44.8	-87.0	-64.5	100.5	100.4	97.2	97.6	99.4
2009	53	-32.3	-87.9	-40.2	100.6	101.4	96.7	97.6	100.0

2010	34	-19.4	-73.0	49.2	101.0	101.0	98.4	98.0	99.5
2011	34	0.5	-19.0	65.6	100.6	100.9	97.9	97.0	100.2
2012	28	-6.1	-41.7	42.4	102.0	101.1	99.6	96.5	101.0
2013	24	11.5	-31.3	87.5	101.5	102.4	99.0	98.2	100.5
2014	23	27.1	-26.2	147.1	102.4	102.5	100.5	97.8	101.2
2015	22	29.9	-22.5	138.4	102.8	101.7	100.5	98.8	101.7
2016	13	87.2	95.9	218.2	102.8	102.0	103.2	99.0	102.2

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	20	100.3	97.9	101.7	101.2	99.6	101.8	99.7
1987	15	98.2	96.7	99.6	99.2	98.5	101.1	99.9
1988	10	97.5	96.6	99.2	98.0	98.4	99.8	100.3
1989	28	100.3	97.8	101.4	101.3	98.9	101.8	99.6
1990	64	100.2	97.8	101.3	101.4	98.9	101.3	99.8
1991	119	100.5	97.9	101.7	101.5	99.1	101.1	100.6
1992	162	100.5	97.7	101.8	101.7	98.7	101.1	100.7
1993	130	100.3	97.6	101.6	101.5	98.6	100.9	101.0
1994	107	100.6	97.9	101.8	101.6	98.8	101.2	100.7
1995	141	100.4	97.8	101.7	101.4	98.6	101.0	100.8
1996	115	100.6	98.1	101.8	101.3	98.9	101.0	100.9
1997	63	99.9	98.2	101.2	100.8	98.3	100.6	100.1
1998	83	99.4	98.3	101.1	100.1	97.9	100.1	98.8
1999	49	98.8	97.8	101.0	99.8	97.2	99.0	98.7
2000	45	99.6	99.2	101.1	99.8	98.1	99.7	98.5
2001	48	100.3	99.1	101.7	100.8	98.0	101.4	98.4
2002	39	99.7	99.5	100.8	99.9	98.1	100.9	98.3
2003	50	99.7	98.7	101.5	100.5	97.3	100.3	97.6
2004	29	99.2	99.1	99.9	100.3	97.9	99.1	98.8
2005	36	99.2	98.5	100.6	100.0	98.1	99.7	98.4
2006	44	99.8	99.2	100.3	100.5	98.8	100.4	99.5
2007	25	99.6	99.1	100.1	100.2	98.9	99.6	99.6
2008	15	99.9	98.9	100.6	100.9	98.7	100.5	98.5
2009	19	99.2	99.2	99.6	99.2	99.7	99.1	100.5
2010	18	99.7	99.3	100.0	100.3	99.3	99.1	100.1
2011	14	100.9	101.2	99.4	100.6	100.8	99.6	101.9
2014	10	101.3	100.6	100.2	101.3	100.8	100.4	102.1

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	16	97.4	101.4	97.4	101.4	96.1	101.3
1983	19	98.5	102.2	98.5	102.2	97.1	102.2
1984	19	97.9	101.8	97.9	101.8	96.8	101.4
1985	26	97.5	101.2	97.5	101.2	96.5	100.7
1986	47	97.6	100.9	97.6	100.9	96.7	100.5
1987	42	97.6	101.2	97.6	101.2	96.4	100.9
1988	51	97.1	101.2	97.1	101.2	96.3	101.0
1989	59	98.1	101.2	98.1	101.2	97.4	100.9
1990	67	97.9	100.7	97.9	100.7	97.1	100.5
1991	89	99.4	101.1	99.4	101.1	99.0	101.6
1992	115	99.4	101.3	99.4	101.3	98.8	101.8
1993	74	99.2	101.3	99.2	101.3	98.6	101.6

1994	81	100.0	101.4	100.0	101.4	99.5	101.8
1995	77	99.9	100.3	99.9	100.3	99.1	100.6
1996	74	100.2	101.0	100.2	101.0	99.8	101.8
1997	71	100.4	100.4	100.4	100.4	99.3	101.2
1998	71	99.7	100.1	99.7	100.1	98.5	100.6
1999	47	99.8	100.5	99.8	100.5	99.1	100.1
2000	48	99.6	98.2	99.6	98.2	98.5	98.3
2001	45	100.1	100.0	100.1	100.0	99.8	100.5
2002	36	100.1	100.8	100.1	100.8	99.4	100.9
2003	29	99.7	101.0	99.7	101.0	98.9	101.1
2004	31	99.9	100.2	99.9	100.2	99.5	99.9
2005	32	100.1	99.9	100.1	99.9	99.4	100.2
2006	28	99.5	99.8	99.5	99.8	98.9	98.9
2007	17	100.4	100.8	100.4	100.8	100.0	100.9
2008	16	98.9	99.8	98.9	99.8	99.4	100.4
2009	11	99.2	100.3	99.2	100.3	99.4	100.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	98	98.4	101.3	102.1	62.5	63.7	62.3
1981	150	97.8	101.5	102.4	73.8	74.4	73.5
1982	171	97.7	102.0	102.5	73.2	74.4	74.0
1983	339	98.3	102.0	102.0	78.3	79.9	79.2
1984	366	97.8	102.6	102.3	88.2	89.8	89.3
1985	471	98.5	102.3	101.5	90.7	94.0	92.4
1986	429	98.5	101.7	101.2	96.2	98.6	97.1
1987	443	98.1	102.1	101.6	94.7	98.4	96.9
1988	471	98.3	102.2	101.1	95.8	101.8	100.8
1989	525	99.2	102.7	100.2	96.3	100.5	99.7
1990	446	99.2	101.7	100.2	96.2	100.4	99.6
1991	389	99.7	100.5	99.6	95.0	99.1	98.2
1992	537	99.7	100.2	99.6	96.5	101.1	100.4
1993	392	99.1	100.6	100.3	95.5	100.3	100.0
1994	198	99.8	100.3	99.8	96.6	99.4	99.1
1995	228	99.8	100.2	99.9	96.5	99.3	99.2
1996	155	100.0	99.6	99.7	96.8	99.1	99.2
1997	105	99.4	100.9	100.4	95.1	98.3	97.8
1998	93	98.8	101.1	101.3	93.9	97.2	96.6
1999	73	99.4	101.3	100.7	96.8	99.9	100.6
2000	68	98.3	100.9	102.0	95.6	98.8	98.5
2001	59	98.0	101.5	102.4	97.7	100.2	100.4
2002	53	99.3	100.9	101.0	95.7	99.5	98.0
2003	52	99.8	101.0	100.5	96.0	98.6	97.9
2004	36	99.1	101.4	101.1	99.0	100.9	99.4
2005	34	98.8	101.4	101.5	98.1	100.4	100.5
2006	48	98.2	101.1	101.6	97.8	100.0	101.4
2007	30	99.1	101.1	101.1	98.1	101.0	101.0
2008	31	97.8	101.6	102.0	95.0	98.3	97.1
2009	18	98.1	100.8	101.6	98.3	99.6	99.8
2010	17	98.5	100.7	101.6	98.6	100.9	100.4
2011	23	99.7	101.4	100.0	99.7	101.0	99.2
2013	14	100.4	100.6	99.9	100.5	101.1	99.3
2014	16	99.5	101.5	100.6	100.7	100.0	99.9
2015	14	99.4	101.6	100.8	100.1	100.8	100.5

Tabel: 44 Holstein - Fries Hollands zwartbont: Vleeskenmerken

Basis: Melkdoel zwart
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	19	107.8	116.6	92.4	102.6	116.3	96.7	106.2	97.2	112.5	95.4	101.5
1981	24	109.5	119.4	91.1	104.7	117.8	96.8	107.5	99.1	113.1	95.3	102.8
1982	28	108.5	117.1	92.6	104.8	114.3	98.2	107.1	99.8	109.4	95.1	101.5
1983	48	107.9	117.1	92.8	104.0	114.6	98.0	106.1	99.1	111.6	96.4	102.7
1984	58	107.4	115.8	92.3	103.3	113.4	97.1	105.9	99.3	110.5	95.6	102.1
1985	80	107.3	115.3	93.0	102.9	113.5	97.1	105.8	98.8	111.3	97.5	102.6
1986	104	106.7	114.0	93.2	102.2	112.4	96.7	105.3	98.8	110.2	97.4	103.0
1987	122	106.4	113.6	93.3	102.0	111.7	96.8	105.0	99.0	110.0	98.1	103.1
1988	133	106.0	112.4	94.3	101.9	110.6	97.4	104.7	99.5	108.8	98.4	102.5
1989	158	104.9	111.7	94.3	100.9	110.2	97.0	103.6	98.8	109.1	97.4	101.7
1990	157	104.2	109.8	95.2	99.9	109.1	96.5	103.4	98.3	107.6	98.2	100.6
1991	193	103.4	108.0	97.4	100.3	107.2	97.8	103.0	98.1	106.3	98.8	101.5
1992	299	103.3	107.5	97.2	100.4	106.6	97.9	102.9	98.5	105.9	99.0	101.6
1993	239	103.5	107.5	97.6	100.9	106.3	98.1	103.1	98.6	105.9	98.9	102.2
1994	166	103.2	106.5	98.4	100.1	106.0	97.9	102.9	98.5	105.5	98.9	102.0
1995	216	103.1	105.8	99.1	100.3	105.3	98.3	102.8	99.0	105.1	98.7	102.5
1996	195	102.8	105.3	99.2	100.5	104.7	98.6	102.7	98.9	104.5	98.9	102.2
1997	132	102.2	105.1	98.6	99.8	104.2	98.2	101.9	98.9	104.4	98.5	101.4
1998	117	101.7	104.1	99.5	99.3	103.6	98.5	101.3	99.2	103.9	98.3	101.6
1999	109	102.0	104.8	99.0	99.9	103.9	98.6	101.5	99.2	103.9	98.3	102.7
2000	106	101.7	104.2	99.2	99.9	103.7	98.5	101.4	99.3	103.4	99.0	99.9
2001	118	101.9	103.3	99.3	99.6	103.1	98.9	101.3	99.6	105.7	100.5	102.2
2002	111	101.5	103.6	98.9	99.4	103.5	99.1	101.1	100.0	103.2	103.1	97.3
2003	119	101.2	102.6	99.4	98.9	102.3	99.5	100.6	99.4	104.6	99.6	100.9
2004	101	101.0	102.0	99.8	99.1	101.9	99.5	100.6	100.0	105.0	97.2	99.1
2005	90	100.9	103.0	99.3	99.7	102.1	99.7	100.2	99.3	103.9	99.2	103.6
2006	96	100.6	103.4	98.9	100.2	101.8	100.2	99.9	100.0	105.1	97.2	100.1
2007	78	100.8	102.6	99.0	100.2	101.5	99.9	100.4	99.5	104.2	97.7	101.4
2008	60	101.2	104.0	98.6	101.0	102.1	99.7	100.6	99.4	105.5	97.8	101.6
2009	46	100.2	103.2	98.3	100.3	101.3	100.0	99.7	99.4	104.6	99.2	100.1
2010	33	100.7	103.7	97.7	100.3	102.3	99.1	100.5	99.0	104.5	99.4	99.5
2011	35	100.8	104.1	98.0	99.4	102.3	98.8	100.3	98.1	110.4	98.6	100.6
2012	27	100.8	102.7	99.1	98.8	102.3	98.7	100.6	97.6	110.2	101.1	100.0
2013	26	101.6	104.8	98.3	100.7	103.1	98.7	101.2	97.8	110.9	102.2	100.5
2014	19	100.6	103.1	98.7	99.4	101.8	98.9	101.1	97.2	105.9	98.6	101.2
2015	18	101.2	102.3	98.4	99.1	102.1	98.6	100.8	97.9	109.8	98.5	101.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	11	98.2	99.2	98.0
1983	14	98.7	99.7	98.3
1984	17	98.4	99.8	97.6
1985	24	97.7	99.7	97.5
1986	36	97.1	98.8	97.9
1987	39	97.7	99.4	98.1
1988	44	98.1	99.7	98.3
1989	51	97.8	99.5	98.1
1990	53	97.9	99.4	98.2
1991	87	99.0	100.7	98.4
1992	104	99.0	100.7	98.6
1993	67	98.8	100.6	98.5
1994	72	98.7	100.5	98.2
1995	66	99.5	100.7	98.7

1996	73	99.8	101.1	99.0
1997	68	100.1	101.2	99.4
1998	70	99.7	100.6	99.2
1999	50	99.6	100.2	99.9
2000	48	99.9	100.2	99.6
2001	44	99.6	100.1	99.6
2002	35	99.9	100.9	99.6
2003	32	100.1	100.8	99.6
2004	32	100.0	100.7	99.0
2005	32	100.7	101.4	99.7
2006	32	98.9	99.5	99.2
2007	19	99.4	100.1	99.3
2008	21	99.0	100.0	98.8
2009	22	98.6	99.5	98.9

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	153	-1570.3	-7022.0	-244.8	-234.2
2002	141	-1946.8	-8748.0	-306.4	-288.6
2003	139	-1636.9	-7426.5	-254.9	-243.8
2004	108	-1377.4	-6020.6	-215.5	-205.4
2005	107	-1474.4	-6395.0	-235.2	-217.7
2006	103	-1228.8	-5635.6	-194.8	-181.0
2007	83	-773.2	-3638.9	-122.6	-113.7
2008	62	-892.1	-3909.9	-138.3	-133.6
2009	53	-738.3	-3324.5	-121.1	-106.9
2010	36	-142.6	-514.1	-23.6	-20.9
2011	36	157.8	645.6	37.0	17.4
2012	29	-69.9	-674.2	1.8	-15.7
2013	27	233.5	147.2	61.0	25.1
2014	27	630.4	2365.7	112.4	88.2
2015	25	653.4	2310.3	120.4	89.9
2016	13	1671.8	5472.8	322.0	224.3

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

Jaar	Aantal	Eff	Int	Gewen
1985	12	98.4	95.4	102.2
1986	18	98.3	95.3	102.4
1987	19	97.6	95.6	102.3
1988	24	97.8	94.3	102.3
1989	18	97.7	95.7	102.7
1990	25	97.4	95.0	103.0
1991	53	98.1	95.9	100.0
1992	60	97.8	96.5	100.0
1993	27	97.8	97.0	99.8
1994	32	97.9	96.3	100.8
1995	36	97.8	96.6	100.4
1996	20	97.8	97.3	100.0
1997	21	98.3	96.0	100.1
1998	15	97.5	96.4	101.5
1999	15	98.0	97.0	100.8
2000	15	97.8	96.5	101.5

2001	15	98.8	96.3	102.7
2002	11	98.5	96.5	99.7
2003	11	98.3	96.4	100.6
2006	10	99.8	98.1	101.1
2007	14	99.1	97.7	100.8

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

Basis: Melkdoel zwart
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	105	99.0	98.5	1	-4.2	0	0.0
1981	169	97.6	98.2	1	-2.9	0	0.0
1982	235	98.2	99.2	0	0.0	0	0.0
1983	452	98.0	98.5	1	-2.9	0	0.0
1984	438	98.3	98.8	2	-2.9	0	0.0
1985	584	98.0	98.3	585	-5.7	0	0.0
1986	560	98.2	98.9	560	-5.2	0	0.0
1987	654	97.7	98.4	655	-4.9	0	0.0
1988	654	97.6	98.2	654	-4.6	0	0.0
1989	688	97.4	99.1	688	-4.6	0	0.0
1990	609	97.9	99.3	609	-4.2	0	0.0
1991	625	98.2	100.1	625	-3.7	0	0.0
1992	903	97.7	100.0	903	-3.4	0	0.0
1993	709	97.7	100.3	710	-3.2	0	0.0
1994	476	98.1	100.8	476	-3.0	0	0.0
1995	532	98.2	101.2	532	-2.5	0	0.0
1996	415	98.4	101.3	416	-2.3	0	0.0
1997	243	98.2	100.2	243	-2.4	0	0.0
1998	192	98.5	99.7	192	-2.2	0	0.0
1999	175	98.4	99.4	175	-2.2	0	0.0
2000	163	99.2	99.0	163	-1.9	0	0.0
2001	153	99.2	99.3	153	-1.7	78	96.0
2002	141	98.9	99.0	141	-1.8	62	95.6
2003	140	98.6	98.9	140	-1.7	68	95.2
2004	109	99.5	98.5	110	-1.5	53	95.1
2005	106	98.7	98.8	107	-1.5	51	95.5
2006	103	99.5	99.0	104	-1.1	52	97.5
2007	84	99.6	99.5	84	-0.7	32	97.9
2008	62	98.7	99.2	62	-0.6	21	100.0
2009	53	99.4	99.5	53	-0.9	22	97.4
2010	34	99.9	99.5	36	-0.7	23	98.8
2011	34	101.1	99.0	36	-0.3	20	96.6
2012	28	102.5	100.8	29	-0.6	13	98.4
2013	24	101.4	99.6	27	-0.4	13	101.2
2014	23	100.8	99.6	27	-0.4	17	100.5
2015	22	101.1	100.2	25	-0.4	14	98.1
2016	13	103.5	99.3	13	0.7	6	101.0

Tabel: 49 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	61	-981.6	-31.8	-43.8	-54.3	23.1	-13.5	-17.0	-262.7
1981	107	-1037.2	-37.8	-45.4	-56.9	16.1	-12.9	-17.2	-282.6
1982	128	-1001.6	-33.7	-45.0	-55.3	20.5	-14.5	-17.2	-272.0

1983	166	-966.8	-31.4	-44.0	-53.8	22.1	-14.9	-17.2	-262.7
1984	144	-923.2	-31.5	-43.4	-51.7	18.5	-16.2	-16.9	-259.6
1985	223	-993.6	-29.2	-43.9	-54.9	28.7	-12.8	-17.1	-257.7
1986	162	-1035.1	-28.8	-44.2	-56.8	33.3	-10.5	-17.2	-259.0
1987	149	-746.0	-20.9	-35.9	-43.7	22.9	-14.1	-16.6	-204.5
1988	142	-770.3	-21.1	-36.6	-44.8	24.9	-13.7	-16.8	-207.8
1989	121	-650.0	-14.6	-33.4	-39.3	26.8	-15.6	-16.5	-179.4
1990	68	-605.9	-14.6	-31.8	-37.2	23.0	-15.4	-16.3	-172.1
1991	66	-609.5	-12.5	-31.2	-37.4	26.2	-14.2	-16.3	-165.2
1992	28	-460.9	-7.0	-26.8	-30.6	23.6	-15.5	-16.0	-133.7
1993	39	-340.4	-7.1	-23.5	-25.1	15.0	-17.2	-15.7	-118.8
1994	30	-540.2	-7.4	-28.6	-34.2	29.8	-14.2	-16.2	-143.3
1995	32	-322.3	-7.5	-22.6	-24.3	12.6	-16.9	-15.7	-115.6
1996	22	-140.0	-1.0	-16.6	-16.0	11.4	-17.5	-15.5	-75.0
1997	12	-52.8	7.8	-14.2	-12.0	17.2	-18.8	-15.2	-45.6

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	35	93.2	90.7	93.4	100.9	93.3	87.1	96.8
1981	45	93.6	91.8	93.6	101.0	94.1	87.5	97.4
1982	45	94.5	91.1	94.1	101.6	93.0	87.1	97.3
1983	70	94.6	91.2	94.0	101.8	92.8	87.0	97.2
1984	54	94.9	90.9	94.9	102.6	92.4	86.6	97.4
1985	63	94.2	91.3	94.3	101.9	93.2	86.3	96.7
1986	42	94.8	91.5	94.8	102.2	93.0	86.9	97.4
1987	45	96.2	91.6	94.9	102.8	93.3	87.9	97.5
1988	38	95.9	92.3	95.2	102.5	93.1	87.1	99.1
1989	42	96.2	91.2	95.6	103.3	91.9	86.6	98.0
1990	22	96.4	90.3	95.9	103.7	91.5	86.9	97.0
1991	15	94.6	91.5	95.3	102.5	93.1	85.4	97.5
1993	17	96.9	90.6	95.7	103.6	92.1	87.7	98.9
1995	11	96.2	91.5	95.5	102.9	93.5	86.2	97.3

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

Jaar	Aantal	BA	BZ	KH	BG
1980	35	92.7	98.9	89.1	90.8
1981	45	93.5	97.5	89.4	91.5
1982	45	94.3	98.0	89.1	92.2
1983	70	93.7	98.8	88.8	91.6
1984	54	93.4	99.8	89.4	91.3
1985	63	93.5	99.7	89.2	91.1
1986	42	93.2	99.5	89.5	91.0
1987	45	93.6	98.8	90.1	91.6
1988	38	94.1	98.8	90.2	92.6
1989	42	94.3	99.4	89.6	92.5
1990	22	94.5	99.9	90.5	92.5
1991	15	95.9	98.3	90.9	94.1
1993	17	94.8	100.2	91.1	93.5
1995	11	95.2	99.4	90.5	92.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	35	99.3	96.2	97.4	100.3	99.2	96.3	95.1
1981	45	99.6	96.2	97.5	100.8	98.6	97.3	95.4
1982	45	99.8	97.4	96.8	101.2	99.8	97.7	96.0
1983	70	99.9	96.8	96.8	101.3	99.9	97.6	95.6
1984	54	100.6	97.7	96.5	101.4	101.5	98.4	97.1
1985	63	100.7	97.7	96.7	101.7	100.9	97.2	95.9
1986	42	100.2	96.5	96.9	101.0	100.7	97.5	95.7
1987	45	100.8	97.8	97.7	102.3	101.2	97.7	96.2
1988	38	100.9	98.4	98.7	101.9	100.7	98.0	96.3
1989	42	101.3	98.4	98.1	102.3	102.0	98.7	96.9
1990	22	101.5	99.2	96.6	102.0	102.5	98.8	97.4
1991	15	101.7	100.3	97.0	102.5	101.1	99.7	98.6
1993	17	101.6	100.2	97.5	102.7	103.9	101.1	99.5
1995	11	102.4	99.9	96.3	103.0	103.8	99.6	98.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	35	86.2	93.1	99.4	88.9	95.1	88.6
1981	45	87.2	94.3	99.7	89.3	96.1	89.6
1982	45	86.9	93.7	100.4	90.0	94.5	90.0
1983	70	86.8	93.7	100.6	89.6	94.7	89.9
1984	54	86.9	94.3	101.3	89.5	93.9	90.3
1985	63	86.3	94.2	101.2	89.5	94.9	90.2
1986	42	87.2	94.7	100.8	89.3	94.8	90.0
1987	45	87.8	95.3	101.7	89.8	94.9	91.1
1988	38	88.5	95.7	101.5	90.7	95.8	91.8
1989	42	87.5	94.7	102.4	90.6	94.0	91.7
1990	22	87.0	94.4	102.3	91.0	93.2	91.7
1991	15	86.6	94.9	102.1	92.1	95.3	92.1
1993	17	88.4	95.3	103.4	91.8	94.1	93.3
1995	11	87.0	95.4	103.5	91.4	95.7	92.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	221	102.1	101.1	101.3	101.8	100.7	101.2	95.0	101.6
1981	287	101.5	101.7	101.4	102.1	100.4	101.0	96.2	101.9
1982	346	101.6	100.9	101.1	101.3	100.3	100.9	96.1	101.3
1983	356	101.6	100.5	100.8	100.9	100.0	100.8	95.9	100.9
1984	268	102.1	99.9	100.9	100.7	100.2	100.9	96.4	100.9
1985	365	101.9	100.3	101.0	101.0	100.4	100.9	96.7	101.1
1986	256	101.6	99.8	100.2	100.4	99.9	100.3	96.2	100.4
1987	177	101.2	100.0	100.3	100.5	99.8	100.4	97.2	100.4
1988	147	101.5	99.6	100.1	100.2	99.9	100.5	95.7	100.2
1989	121	101.7	99.3	100.0	100.0	100.1	100.5	95.9	99.9
1990	69	100.8	98.9	99.1	99.1	99.1	100.2	96.2	99.0

1991	67	101.4	98.9	99.5	99.3	99.5	100.1	96.0	99.4
1992	28	101.2	98.7	99.6	99.2	99.3	100.4	96.7	99.3
1993	40	101.0	99.7	100.1	100.2	100.0	101.1	97.2	100.2
1994	32	100.0	100.0	99.5	100.0	99.3	100.2	97.9	99.7
1995	34	100.2	99.7	99.4	99.8	99.4	99.6	98.0	99.6
1996	22	100.0	99.6	99.5	99.8	99.2	99.6	98.7	99.6
1997	14	100.0	99.0	98.6	98.9	98.9	99.5	95.6	98.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	35	96.6	49.2	99.5	103.8	105.4
1981	46	96.7	57.9	99.2	103.9	105.0
1982	53	96.9	67.7	99.0	103.6	104.7
1983	73	96.9	64.8	99.5	104.0	105.0
1984	53	96.9	79.1	99.1	103.6	104.7
1985	71	96.2	81.4	99.5	103.9	104.9
1986	40	96.8	57.2	99.2	103.1	104.6
1987	47	96.8	79.3	100.2	103.9	105.2
1988	38	96.5	67.9	98.9	102.9	104.1
1989	41	96.0	70.3	99.1	102.8	104.4
1990	20	96.8	86.3	99.1	103.0	104.0
1991	13	98.5	88.5	99.1	102.6	103.9
1993	18	97.6	91.4	98.9	102.4	103.6
1995	10	96.8	95.8	99.7	102.9	103.6

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	61	-117.6	-262.7	-43.4	105.4	101.6	99.4	88.9	98.5
1981	105	-108.2	-282.6	-12.9	105.0	101.9	99.7	89.3	97.9
1982	128	-114.8	-272.0	-71.4	104.8	101.3	100.4	90.0	98.0
1983	166	-123.2	-262.7	-91.3	105.1	100.9	100.6	89.6	98.0
1984	144	-121.4	-259.6	-100.5	104.7	100.9	101.3	89.5	97.8
1985	223	-116.0	-257.7	-120.8	105.0	101.1	101.2	89.5	98.1
1986	162	-116.2	-259.0	-81.4	104.4	100.4	100.8	89.3	98.1
1987	149	-93.5	-204.5	-75.7	105.2	100.4	101.7	89.8	97.9
1988	142	-92.4	-207.8	-58.1	104.1	100.2	101.5	90.7	98.0
1989	121	-78.4	-179.4	-46.7	104.2	99.9	102.4	90.6	98.4
1990	68	-85.8	-172.1	-72.7	104.1	99.0	102.3	91.0	98.1
1991	66	-78.6	-165.2	-61.8	103.8	99.4	102.1	92.1	98.4
1992	28	-75.7	-133.7	-97.9	103.2	99.3	102.4	90.6	98.8
1993	39	-69.7	-118.8	-65.4	103.5	100.2	103.4	91.8	99.4
1994	30	-83.1	-143.3	-84.2	103.6	99.7	103.1	89.9	98.4
1995	32	-71.2	-115.6	-60.2	103.7	99.6	103.5	91.4	98.7
1996	22	-59.1	-75.0	-35.0	104.0	99.6	100.0	90.0	98.9
1997	12	-41.2	-45.6	13.2	102.8	98.6	102.0	94.5	99.4

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	12	98.5	99.0	98.5	99.0	98.9	97.9
1981	13	98.0	99.1	98.0	99.1	99.0	98.8
1982	18	97.9	99.7	97.9	99.7	99.1	99.1
1983	27	97.7	99.2	97.7	99.2	98.7	98.7
1984	27	98.1	98.6	98.1	98.6	98.9	97.5
1985	24	97.7	98.8	97.7	98.8	98.1	97.9
1986	13	98.6	99.3	98.6	99.3	99.5	98.5
1987	22	97.6	98.6	97.6	98.6	98.2	98.3
1988	13	98.0	98.2	98.0	98.2	99.2	99.3
1989	19	98.0	99.4	98.0	99.4	99.2	99.1
1990	12	97.9	98.9	97.9	98.9	99.6	98.7
1991	16	98.3	98.8	98.3	98.8	99.4	98.2
1993	16	100.1	99.9	100.1	99.9	101.4	98.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	59	98.3	100.3	103.2	78.8	79.1	77.2
1981	83	97.5	101.3	103.7	81.1	82.9	83.3
1982	110	97.6	101.8	103.5	87.2	90.7	91.1
1983	148	97.9	101.7	103.3	89.6	93.6	93.8
1984	121	97.4	101.7	103.7	90.5	93.6	94.4
1985	161	98.2	101.8	102.8	94.1	98.2	98.3
1986	105	98.8	100.8	102.4	93.6	95.7	95.3
1987	106	98.4	101.5	102.6	94.5	97.7	96.6
1988	79	98.6	101.7	102.6	96.3	97.5	98.4
1989	67	99.0	101.5	102.3	95.8	97.4	98.2
1990	45	99.8	100.5	101.4	97.1	99.0	99.6
1991	45	99.8	100.5	101.3	92.4	94.8	95.2
1992	16	100.2	99.4	100.9	84.2	88.7	88.6
1993	28	100.3	100.6	100.9	79.2	82.9	82.9
1994	16	99.1	101.5	101.4	89.6	94.3	93.9
1995	17	99.8	100.0	101.5	79.9	82.0	81.3
1996	11	99.0	99.7	102.4	88.6	90.9	90.2

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	16	99.5	97.2	97.6	95.8	100.2	98.1	100.6	97.3	100.4	95.1	94.4
1981	20	101.3	99.4	96.2	97.4	102.5	97.2	102.4	97.7	101.1	93.6	95.9
1982	33	99.8	95.7	97.9	95.9	99.5	97.7	101.6	97.6	99.0	94.5	95.3
1983	49	99.8	96.4	97.7	95.4	100.2	97.8	101.0	97.2	100.4	94.7	95.5
1984	36	99.2	94.5	98.9	95.6	98.6	97.6	101.3	96.5	99.2	95.6	96.0
1985	45	100.6	97.2	97.4	96.1	100.8	97.4	101.5	97.9	100.7	95.8	97.0
1986	27	100.7	97.7	97.6	97.0	101.0	98.6	101.7	97.8	100.0	96.0	95.9
1987	38	100.3	96.8	98.1	96.3	99.6	98.2	101.4	97.8	100.5	97.6	97.2
1988	25	99.2	95.7	99.3	95.8	98.4	98.1	100.9	97.0	99.0	95.6	96.4
1989	31	99.5	94.4	98.9	95.3	98.2	98.8	100.7	98.8	97.7	98.1	95.5
1990	15	98.5	92.5	100.3	94.5	97.4	98.2	99.8	98.4	97.7	97.1	94.7
1991	19	96.8	93.3	99.3	94.0	97.3	98.7	98.8	95.9	98.7	96.6	93.9
1992	11	98.6	92.8	100.5	94.6	97.5	98.5	100.0	98.2	97.6	98.4	95.6
1993	20	96.3	92.8	98.7	94.1	96.0	98.2	98.4	96.0	98.2	96.5	93.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	12	101.1	98.2	100.9
1981	13	101.8	98.3	99.9
1982	18	101.7	98.4	100.2
1983	25	101.4	98.1	99.9
1984	27	101.3	98.1	99.6
1985	23	100.5	97.7	99.7
1986	12	99.8	97.2	99.2
1987	21	100.6	97.8	99.5
1988	12	100.6	97.3	99.7
1989	18	101.0	97.8	100.7
1990	12	102.2	98.9	100.3
1991	16	100.9	97.9	99.2
1993	16	102.1	98.8	100.9

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

Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	61	98.3	99.5	1	-1.9	0	0.0
1981	107	97.7	99.0	0	0.0	0	0.0
1982	128	97.7	99.5	0	0.0	0	0.0
1983	166	97.7	99.1	0	0.0	0	0.0
1984	144	97.4	98.8	1	-2.2	0	0.0
1985	223	97.8	97.7	223	-3.4	0	0.0
1986	162	98.7	98.0	162	-3.3	0	0.0
1987	149	99.0	98.7	149	-2.8	0	0.0
1988	142	97.7	98.5	142	-2.8	0	0.0
1989	121	98.6	98.6	121	-2.6	0	0.0
1990	68	98.2	98.6	68	-2.6	0	0.0
1991	66	98.5	99.4	66	-2.5	0	0.0
1992	28	98.8	99.9	28	-2.2	0	0.0
1993	39	98.5	97.5	39	-2.3	0	0.0
1994	30	99.1	96.9	30	-2.3	0	0.0
1995	32	100.0	97.4	33	-2.1	0	0.0
1996	22	100.2	97.2	22	-1.6	0	0.0
1997	12	101.7	99.2	12	-1.7	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-999.2	-36.7	-45.9	-55.2	14.6	-16.6	-17.1	-282.1
1981	15	-899.8	-32.2	-43.3	-50.7	15.1	-18.2	-16.9	-260.5
1982	14	-821.7	-29.7	-40.7	-47.0	12.9	-18.4	-16.6	-243.5
1983	20	-793.5	-25.8	-39.9	-45.8	17.6	-18.9	-16.6	-231.3
1984	17	-813.6	-29.1	-41.1	-46.7	13.2	-19.8	-16.6	-243.7

1985	21	-709.8	-26.3	-38.8	-42.0	9.8	-21.8	-16.6	-227.0
1986	15	-564.0	-14.7	-32.5	-35.5	18.7	-19.9	-16.3	-175.1
1987	20	-565.7	-17.6	-30.4	-35.4	13.3	-15.9	-16.2	-172.2
1988	20	-683.9	-22.2	-36.4	-40.7	14.6	-19.2	-16.2	-208.0
1989	18	-641.2	-23.4	-33.5	-38.9	9.3	-16.6	-16.4	-198.1
1990	16	-443.8	-14.6	-29.9	-29.8	9.1	-22.9	-15.8	-162.3
1991	20	-552.8	-21.3	-32.1	-34.8	5.8	-19.7	-16.1	-187.1
1992	14	-477.3	-13.1	-29.2	-31.4	14.1	-19.5	-16.0	-156.9
1993	17	-246.3	-10.3	-19.0	-20.9	2.4	-15.3	-15.6	-105.9
1994	12	-132.4	3.2	-16.9	-15.7	15.6	-18.2	-15.5	-67.2
1995	20	-164.7	-1.8	-21.1	-17.1	9.6	-24.0	-15.5	-95.7
1996	12	-477.5	-23.8	-27.6	-31.3	-4.3	-16.4	-15.9	-172.7
2001	15	-158.3	-4.9	-16.1	-14.1	4.3	-15.9	-11.1	-80.7
2003	12	-160.0	-5.6	-16.8	-14.8	2.8	-17.4	-11.8	-84.8

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	17	91.4	91.8	91.2	98.5	95.1	86.1	98.6
1981	17	90.6	92.4	91.4	98.1	95.7	86.8	99.0
1982	15	91.1	91.9	91.1	98.1	95.8	86.9	97.6
1983	18	91.0	91.0	91.2	98.6	95.1	86.2	97.1
1984	17	91.4	91.9	91.6	98.7	95.1	86.2	98.7
1985	18	92.7	92.2	92.3	99.6	94.8	85.5	99.4
1986	14	93.1	91.1	91.4	99.4	95.2	86.0	96.9
1987	13	91.1	92.4	92.2	99.0	94.9	84.8	97.4
1988	17	92.6	92.6	92.5	99.1	95.4	85.7	100.0
1989	14	92.8	91.7	92.5	99.8	94.9	85.1	98.4
1990	15	93.2	91.7	92.5	100.0	94.9	86.7	98.9
1991	15	92.2	91.9	92.6	99.3	94.1	85.7	98.7
1993	15	91.7	91.2	92.7	99.7	93.6	84.6	98.2
1995	12	92.7	91.3	93.1	100.5	94.2	85.3	99.7
1996	14	93.3	91.7	93.2	100.6	94.5	85.9	99.5
2001	11	95.0	91.9	94.0	101.7	94.9	86.5	99.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	17	92.6	97.7	87.9	90.4
1981	17	92.1	96.9	87.9	89.8
1982	15	93.4	97.5	87.7	91.1
1983	18	92.1	98.9	87.5	89.6
1984	17	93.4	98.8	87.0	90.6
1985	18	93.4	98.1	87.9	90.7
1986	14	92.6	96.9	90.1	90.1
1987	13	92.2	98.2	88.3	89.4
1988	17	93.9	97.6	89.2	91.6
1989	14	94.5	98.1	88.6	92.0
1990	15	94.6	98.1	89.7	92.1
1991	15	93.7	98.1	88.0	91.1
1993	15	94.3	98.6	89.2	92.3
1995	12	94.5	99.2	88.5	92.2
1996	14	94.9	98.4	89.7	92.9

2001 11 96.0 98.3 90.1 93.7

Tabel: 65 Fries Hollands - zwartbont: Exterieurkenmerken uier
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	17	99.4	98.0	97.9	101.5	97.2	96.3	94.9
1981	17	98.5	96.7	97.9	100.4	97.5	96.4	94.6
1982	15	99.7	97.9	97.4	101.4	97.5	96.4	94.9
1983	18	98.8	96.6	97.4	100.5	98.4	96.0	94.6
1984	17	99.7	96.9	97.2	101.1	98.9	97.2	95.6
1985	18	99.8	98.0	96.9	101.2	98.1	96.3	95.3
1986	14	100.8	98.1	97.2	103.1	99.3	96.8	95.5
1987	13	100.3	98.9	97.1	101.7	99.7	98.1	96.9
1988	17	100.5	99.0	98.1	102.5	98.4	97.4	96.6
1989	14	100.6	99.4	97.8	102.3	98.7	97.9	97.6
1990	15	100.7	99.9	96.3	102.3	99.5	98.1	96.9
1991	15	100.6	98.7	97.4	101.7	99.1	97.7	96.5
1993	15	100.0	100.2	96.0	101.0	99.4	99.3	98.5
1995	12	100.4	99.9	96.9	101.2	99.5	98.2	97.4
1996	14	100.4	99.6	97.1	101.6	99.9	98.6	97.4
2001	11	102.2	102.3	95.0	103.9	100.2	99.4	99.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	17	86.4	92.8	99.4	88.1	98.7	88.2
1981	17	87.1	93.4	98.6	87.1	99.8	87.6
1982	15	86.1	92.7	99.5	88.6	99.0	88.5
1983	18	85.3	92.2	99.2	87.4	97.9	87.2
1984	17	86.6	93.2	99.8	88.6	98.8	88.8
1985	18	86.8	93.9	99.6	88.6	98.3	88.8
1986	14	85.4	93.0	101.2	88.0	97.3	88.9
1987	13	85.5	93.4	100.7	87.2	98.4	88.5
1988	17	87.4	94.7	100.6	89.4	99.4	90.2
1989	14	86.1	93.9	100.5	90.1	97.9	89.9
1990	15	87.1	94.2	101.1	90.3	98.1	90.7
1991	15	86.7	93.3	100.6	89.0	97.9	89.5
1993	15	85.7	93.0	100.1	90.3	97.1	89.5
1995	12	86.7	94.3	100.6	90.3	97.1	90.2
1996	14	87.2	94.6	100.9	91.0	97.4	91.1
2001	11	88.0	96.1	102.4	91.9	97.6	92.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	19	103.3	100.1	101.3	101.6	100.2	99.5	92.0	101.7
1981	22	103.1	100.0	101.2	101.2	99.9	99.1	93.3	101.3
1982	20	103.2	100.0	101.1	101.2	100.1	99.2	93.8	101.3
1983	24	102.7	99.7	100.7	100.9	99.8	99.4	93.2	100.8

1984	20	103.4	98.5	100.2	100.0	99.6	99.3	92.7	100.2
1985	21	102.2	99.9	100.6	100.8	99.3	99.1	94.4	100.9
1986	17	103.0	100.0	101.6	101.4	100.5	99.6	95.4	101.5
1987	22	101.9	99.4	100.0	100.1	99.0	98.1	93.4	100.0
1988	21	102.9	99.2	100.5	100.5	99.7	98.9	93.4	100.5
1989	18	102.8	99.1	100.3	100.3	99.8	99.7	93.6	100.3
1990	18	102.7	98.6	99.8	99.8	99.6	98.9	93.2	99.9
1991	21	102.3	98.5	99.6	99.6	99.2	98.9	93.8	99.6
1992	16	102.1	99.7	100.8	100.6	99.6	99.3	94.6	100.8
1993	18	102.3	98.1	99.5	99.1	99.2	99.0	93.2	99.2
1994	12	102.2	99.2	100.3	100.3	99.5	98.9	93.7	100.4
1995	20	101.7	98.3	99.1	99.2	98.6	98.8	93.5	99.0
1996	17	102.9	99.0	100.6	100.4	100.6	100.1	94.0	100.5
2001	18	102.7	98.7	100.3	100.2	100.4	99.5	93.8	100.4
2002	11	101.5	98.9	100.2	100.3	99.4	99.0	96.5	100.2
2003	16	102.1	98.9	100.1	100.1	99.8	99.0	93.5	100.2
2004	12	102.9	99.0	100.6	100.7	100.5	99.9	94.7	100.8
2005	12	102.0	99.2	100.0	100.3	99.8	99.2	94.8	100.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	14	96.9	81.5	99.9	104.1	106.0
1981	14	96.4	82.4	100.0	103.9	105.8
1982	13	96.5	80.4	99.1	103.3	105.5
1983	15	96.5	70.2	98.9	103.3	105.1
1984	10	95.8	76.3	98.2	102.4	104.7
1985	12	96.2	95.2	99.2	102.5	104.3
1986	12	97.7	81.1	100.5	104.2	105.9
1988	12	96.7	63.8	99.8	102.8	105.2

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	13	-151.3	-282.1	-100.4	105.8	101.7	99.4	88.1	99.3
1981	15	-148.5	-260.5	-207.6	105.6	101.3	98.6	87.1	99.5
1982	14	-141.4	-243.5	-231.1	105.1	101.3	99.5	88.6	98.7
1983	20	-156.6	-231.3	-230.5	104.9	100.8	99.2	87.4	98.6
1984	17	-164.3	-243.7	-344.6	104.2	100.2	99.8	88.6	98.8
1985	21	-157.2	-227.0	-381.5	104.0	100.9	99.6	88.6	98.7
1986	15	-109.4	-175.1	-182.7	105.8	101.5	101.2	88.0	97.8
1987	20	-139.1	-172.2	-367.0	104.5	100.0	100.7	87.2	98.4
1988	20	-147.2	-208.0	-347.7	104.8	100.5	100.6	89.4	99.1
1989	18	-153.8	-198.1	-363.8	101.9	100.3	100.5	90.1	99.2
1990	16	-124.9	-162.3	-257.1	103.4	99.9	101.1	90.3	100.5
1991	20	-135.6	-187.1	-303.4	103.9	99.6	100.6	89.0	99.4
1992	14	-130.4	-156.9	-313.1	102.9	100.8	101.4	89.5	98.9
1993	17	-122.5	-105.9	-270.6	102.5	99.2	100.1	90.3	99.4
1994	12	-81.1	-67.2	-255.1	104.0	100.4	101.2	90.6	99.2
1995	20	-88.2	-95.7	-207.8	102.9	99.0	100.6	90.3	99.6
1996	12	-132.9	-172.7	-235.7	101.9	100.5	100.9	91.0	99.6
2001	15	-71.3	-80.7	-133.4	101.8	100.4	102.4	91.9	99.6
2003	12	-52.9	-84.8	-166.0	102.5	100.2	102.3	91.8	99.9

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1980	11	98.9	100.0	98.9	100.0	99.5	98.8
1981	14	99.1	100.1	99.1	100.1	99.6	98.6
1982	11	99.2	98.8	99.2	98.8	99.7	98.7
1983	14	98.9	99.1	98.9	99.1	99.5	98.1
1984	11	99.1	99.6	99.1	99.6	99.9	98.6
1985	14	99.1	99.2	99.1	99.2	99.7	98.1
1986	12	99.3	98.2	99.3	98.2	99.4	97.7
1987	16	99.2	98.5	99.2	98.5	99.9	99.2
1988	15	99.7	99.3	99.7	99.3	100.4	99.1
1989	15	99.6	99.5	99.6	99.5	101.1	98.3
1990	12	100.3	100.3	100.3	100.3	100.5	99.7
1991	13	99.8	99.5	99.8	99.5	100.8	98.3
1992	12	99.4	99.3	99.4	99.3	100.2	98.3
1993	15	99.7	99.4	99.7	99.4	100.8	98.9
1994	12	99.9	99.0	99.9	99.0	101.2	98.8
1995	13	99.8	99.8	99.8	99.8	100.8	98.5
1996	13	100.1	99.3	100.1	99.3	101.1	98.2
2001	13	99.8	99.6	99.8	99.6	100.6	98.1
2003	10	100.1	99.6	100.1	99.6	101.3	98.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	14	101.4	99.0	100.4	68.7	73.4	70.8
1981	17	101.2	99.0	100.5	62.8	65.6	64.1
1982	16	100.8	99.5	100.9	66.1	69.2	68.2
1983	16	101.6	98.9	100.2	65.9	69.9	68.5
1984	13	101.2	99.1	100.5	59.2	61.6	60.8
1985	16	100.8	98.9	100.8	71.8	76.2	75.1
1986	14	100.4	98.9	101.3	67.9	72.9	71.7
1987	13	100.9	98.7	100.7	67.3	70.0	68.6
1988	15	101.2	99.2	100.3	64.3	68.4	65.9
1989	13	100.8	99.9	101.2	59.0	62.8	62.1
1992	10	100.8	99.8	101.2	67.0	71.6	70.2
1993	12	101.1	99.4	100.6	56.7	59.5	58.8
1995	13	101.2	98.0	100.5	52.0	54.5	53.0
2001	12	101.6	98.9	100.3	65.4	67.3	66.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	15	100.1	98.8	96.2	93.8	105.2	95.2	100.7	94.5	105.3	93.3	95.0
1981	19	100.4	100.5	96.2	94.4	105.9	95.6	101.0	94.7	106.2	93.4	95.7
1982	17	100.9	99.6	96.2	94.5	105.7	94.9	102.4	94.7	104.6	93.9	95.0
1983	21	99.0	98.6	96.5	93.7	104.1	95.8	100.0	94.4	103.8	94.3	93.7
1984	17	99.3	99.3	96.1	93.4	104.6	95.9	99.9	95.2	103.5	94.8	94.1

1985	21	99.5	98.3	96.1	93.5	104.2	95.5	100.4	94.8	103.1	94.2	93.7
1986	17	99.4	97.4	98.2	92.9	103.9	96.2	100.1	95.9	103.2	94.9	93.1
1987	22	99.3	98.0	97.0	93.5	104.1	95.5	99.9	95.5	104.4	93.9	94.9
1988	20	97.9	97.6	96.2	93.7	102.3	96.3	98.8	95.4	102.6	94.0	93.2
1989	18	98.2	97.4	95.4	93.8	102.6	96.5	98.9	95.5	102.4	95.7	92.7
1990	17	97.8	98.1	97.4	93.6	102.2	97.8	98.4	95.1	103.9	95.8	94.1
1991	21	98.9	97.7	96.8	93.5	103.6	96.2	99.9	95.0	102.9	95.3	93.5
1992	14	97.8	97.2	97.2	93.7	101.2	97.5	98.6	95.4	102.4	94.9	93.6
1993	18	97.6	97.2	97.8	92.4	102.5	97.5	97.7	96.1	103.1	96.1	92.2
1994	12	98.2	99.7	96.7	94.4	103.8	97.8	98.4	95.6	105.1	95.7	94.1
1995	20	98.5	97.9	97.8	93.2	103.7	97.5	99.2	94.5	103.7	96.5	93.4
1996	16	97.0	95.4	97.2	92.5	100.5	97.8	97.8	95.3	101.6	95.0	92.6
2001	18	96.8	96.6	97.1	93.9	100.5	98.0	98.2	94.4	101.8	96.0	93.1
2002	11	97.3	95.4	99.5	91.5	101.2	98.2	97.6	96.3	102.1	95.9	92.4
2003	15	96.3	96.3	96.9	92.7	101.1	97.9	97.5	94.7	101.7	95.7	91.9
2004	12	96.8	96.0	96.8	93.2	99.7	97.6	97.8	96.2	100.5	95.3	92.6
2005	10	97.9	98.3	97.2	93.5	102.4	96.8	98.1	96.0	103.1	95.5	92.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	100.0	97.3	100.0
1981	13	99.6	97.2	99.8
1982	14	99.6	97.0	99.9
1983	16	100.5	97.6	100.3
1984	12	99.5	96.8	99.8
1985	14	100.5	97.9	100.5
1986	14	101.6	99.0	99.9
1987	16	100.8	98.0	100.4
1988	14	100.7	98.1	100.6
1989	15	101.3	98.4	100.7
1990	13	100.8	98.4	100.1
1991	14	100.9	98.0	100.6
1992	13	100.0	97.5	100.4
1993	18	101.3	98.7	100.1
1994	12	100.9	98.2	100.4
1995	17	101.8	99.1	100.5
1996	16	102.1	99.4	100.1
2001	16	101.6	98.8	100.2
2003	14	102.2	99.4	100.2
2004	10	102.3	99.7	100.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17	-1590.2	-5310.2	-264.2	-235.0
2002	10	-1508.6	-4766.7	-247.5	-225.2
2003	13	-1773.1	-5838.4	-299.7	-259.6

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	13	98.6	102.5	0	0.0	0	0.0
1981	15	98.6	101.3	0	0.0	0	0.0
1982	14	99.1	101.8	0	0.0	0	0.0
1983	20	98.5	102.5	0	0.0	0	0.0
1984	17	99.4	101.3	0	0.0	0	0.0
1985	21	99.0	102.2	21	-3.3	0	0.0
1986	15	99.3	102.0	17	-3.0	0	0.0
1987	20	101.1	102.2	21	-3.0	0	0.0
1988	20	99.4	102.1	21	-3.2	0	0.0
1989	18	97.7	101.0	18	-3.1	0	0.0
1990	16	99.0	100.8	17	-2.7	0	0.0
1991	20	98.7	101.0	21	-3.2	0	0.0
1992	14	98.6	100.4	15	-2.6	0	0.0
1993	17	99.8	101.7	18	-2.6	0	0.0
1994	12	99.8	101.0	12	-1.9	0	0.0
1995	20	101.5	101.7	20	-1.8	0	0.0
1996	12	98.3	100.1	16	-3.2	0	0.0
2001	15	99.7	100.4	18	-2.0	10	88.5
2002	8	101.5	100.1	11	-1.7	8	89.4
2003	12	99.3	101.5	14	-1.8	5	91.6
2004	6	99.0	100.8	10	-1.9	4	91.5
2005	8	99.8	101.6	11	-1.8	3	91.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	16	-1292.2	-56.8	-53.4	-68.5	1.9	-11.2	-17.6	-358.8
1982	16	-967.8	-41.8	-40.9	-53.8	3.0	-8.9	-17.1	-271.9
1984	25	-1104.0	-47.2	-46.8	-60.0	3.8	-11.0	-17.5	-309.1
1985	16	-1060.9	-46.5	-45.3	-58.1	2.7	-11.4	-17.6	-300.9
1986	20	-868.6	-36.0	-37.1	-49.3	5.7	-9.1	-16.9	-242.7
1987	21	-742.7	-33.0	-36.1	-43.4	0.2	-15.3	-16.4	-230.2
1989	13	-961.7	-40.9	-39.2	-53.5	3.8	-6.8	-17.1	-262.9
1990	12	-612.5	-19.2	-27.2	-37.7	14.8	-7.2	-16.6	-163.0
1991	16	-540.2	-19.7	-26.1	-34.2	7.8	-10.4	-16.1	-158.7
1992	20	-743.4	-27.9	-31.2	-43.5	10.6	-6.3	-16.6	-199.7
1993	20	-529.5	-24.6	-24.9	-33.8	-0.1	-8.8	-16.1	-163.7
1994	17	-409.4	-15.9	-22.5	-28.3	4.0	-12.1	-15.9	-134.3
1995	11	-471.5	-23.1	-23.2	-31.1	-3.8	-9.4	-16.0	-153.0
1996	13	-149.2	-6.5	-13.5	-16.4	1.9	-12.1	-15.3	-74.2
1997	16	-282.6	-11.6	-17.8	-22.5	2.1	-11.4	-15.7	-104.0
1998	16	-112.4	-10.1	-7.6	-14.8	-7.1	-5.7	-15.3	-57.1
1999	29	-174.4	-5.0	-9.6	-17.6	5.0	-4.9	-15.4	-55.3
2000	20	-13.6	-0.9	-5.2	-10.3	-0.2	-7.5	-15.2	-26.6
2001	19	118.1	-2.9	-0.8	1.3	-12.1	-7.8	-6.5	-8.9
2002	17	74.5	1.1	0.4	-0.4	-2.1	-2.9	-5.7	3.6
2003	16	69.4	-4.6	-2.5	-0.4	-11.2	-7.2	-5.6	-20.1
2004	17	-54.9	-8.6	-6.6	-4.5	-9.4	-6.6	-3.0	-46.3
2005	26	-75.6	-4.5	-3.2	-4.8	-0.8	-0.4	-1.7	-24.3
2006	17	-13.4	-6.3	-1.9	-0.5	-8.1	-1.9	0.3	-21.4
2007	17	212.9	5.2	6.6	8.6	-6.4	-1.8	-1.7	40.6
2008	12	202.2	10.2	7.2	6.3	2.6	-0.2	-4.6	52.8
2009	15	385.2	14.5	14.3	16.0	-3.5	0.6	-2.5	94.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	10	89.7	97.5	91.0	96.5	101.4	98.2	97.1
1981	19	91.9	98.6	93.2	98.0	100.6	98.6	98.1
1982	17	91.7	99.2	94.3	98.9	101.1	98.8	98.8
1984	27	92.8	97.9	93.9	98.8	99.7	99.2	97.7
1985	14	93.6	98.3	94.5	100.0	99.6	98.5	98.4
1986	17	93.6	98.4	94.1	99.5	99.5	98.4	97.2
1987	19	94.9	98.6	94.7	99.9	100.0	98.7	98.5
1989	11	93.4	100.5	96.8	100.5	101.2	98.3	99.3
1990	11	93.9	97.8	95.0	99.7	99.5	99.6	99.4
1991	13	94.5	97.2	95.5	100.3	99.2	99.8	98.3
1992	12	96.5	99.7	97.8	102.3	99.9	99.0	100.0
1993	18	96.4	99.0	96.2	100.9	99.7	97.7	98.2
1994	12	95.2	98.7	96.5	101.4	98.8	96.6	99.2
1996	11	96.2	98.9	96.5	101.1	100.0	100.0	99.6
1997	15	97.7	97.2	97.3	102.2	97.5	98.0	99.0
1998	15	97.0	100.1	98.7	102.8	98.5	98.9	99.3
1999	24	97.5	99.0	97.4	101.8	98.2	99.0	97.5
2000	15	99.4	99.7	98.5	102.5	98.9	100.1	100.9
2001	15	99.3	100.2	99.1	103.5	97.7	99.1	99.4
2002	12	99.4	98.8	99.0	103.3	98.1	99.5	99.3
2003	10	99.9	98.7	98.7	103.1	97.7	97.3	98.2
2005	12	100.9	101.2	100.1	103.5	99.2	99.1	101.1
2007	13	101.5	101.2	99.9	103.2	99.0	100.1	101.9
2009	13	102.4	100.5	100.3	104.0	98.1	98.8	100.2

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

Jaar	Aantal	BA	BZ	KH	BG
1980	10	91.9	100.2	89.9	90.6
1981	19	92.9	98.2	92.6	92.1
1982	17	93.9	101.2	91.3	93.5
1984	27	94.3	97.7	93.0	93.6
1985	14	93.8	100.1	91.1	93.0
1986	17	96.1	97.4	93.7	95.2
1987	19	94.0	101.0	91.1	93.3
1989	11	93.5	100.8	90.5	93.2
1990	11	93.5	100.5	90.2	93.4
1991	13	94.1	100.8	91.8	93.7
1992	12	96.7	99.8	94.1	95.8
1993	18	97.2	98.2	94.7	96.6
1994	12	95.8	100.4	93.1	95.0
1996	11	97.8	98.2	95.5	97.2
1997	15	96.0	102.2	92.3	95.4
1998	15	96.7	100.4	93.8	95.8
1999	24	98.5	101.4	94.8	97.6
2000	15	97.7	100.2	96.4	97.3
2001	15	98.7	100.9	94.9	97.3
2002	12	98.4	101.5	95.2	97.7
2003	10	97.8	100.5	96.4	97.9
2005	12	100.2	99.7	98.7	99.7
2007	13	99.6	98.4	97.8	99.2
2009	13	100.9	99.5	98.8	101.3

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	10	97.7	93.3	98.1	97.8	95.7	94.7	92.7
1981	19	97.3	94.4	99.7	97.4	95.0	94.3	93.1
1982	17	96.1	93.6	101.2	96.0	94.1	93.9	92.6
1984	27	96.7	92.6	101.7	96.1	96.4	93.7	92.1
1985	14	96.9	93.1	102.3	96.7	95.3	93.1	91.9
1986	17	98.1	94.1	103.1	96.8	97.2	94.6	93.6
1987	19	98.3	95.1	100.3	97.8	96.0	95.8	94.5
1989	11	96.7	95.3	99.9	96.0	94.0	94.9	93.5
1990	11	97.9	95.3	103.8	97.3	95.6	94.7	93.6
1991	13	98.6	97.8	102.6	97.6	97.5	95.4	95.5
1992	12	99.4	96.8	101.0	98.2	96.3	95.1	94.2
1993	18	100.0	96.6	101.1	98.9	97.3	95.8	95.1
1994	12	97.6	96.0	101.4	97.3	98.0	94.3	93.5
1996	11	99.2	97.5	100.5	98.5	97.6	96.4	96.3
1997	15	98.2	97.9	101.9	97.8	96.2	95.4	96.1
1998	15	99.0	96.3	101.0	98.0	98.2	94.7	94.3
1999	24	98.8	97.9	102.2	97.8	98.5	97.4	96.9
2000	15	99.8	97.9	101.9	99.3	98.9	96.7	96.9
2001	15	99.6	98.5	101.1	99.0	98.4	96.0	96.2
2002	12	99.4	97.8	100.1	99.8	98.5	97.7	97.3
2003	10	100.8	99.7	100.6	100.7	99.7	99.0	98.6
2005	12	101.0	100.7	100.3	101.7	101.9	99.2	99.2
2007	13	100.8	101.4	100.2	100.9	101.3	98.8	100.2
2009	13	100.3	100.7	101.6	100.3	103.2	99.8	100.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	10	93.7	96.7	96.4	88.9	104.2	89.9
1981	19	95.5	97.9	95.9	90.2	103.3	90.9
1982	17	96.6	99.5	94.4	91.9	104.1	91.6
1984	27	95.6	98.1	95.3	91.3	102.0	91.3
1985	14	96.0	99.3	95.1	90.9	101.9	91.4
1986	17	95.2	98.3	96.5	92.4	101.4	92.4
1987	19	96.2	99.6	97.0	91.5	102.3	92.7
1989	11	97.7	101.5	94.9	91.5	103.9	92.4
1990	11	97.1	99.3	96.1	91.4	102.7	92.5
1991	13	96.5	99.3	97.4	91.8	101.2	93.1
1992	12	98.5	102.0	97.7	94.4	102.3	95.6
1993	18	96.3	100.3	98.6	94.9	101.2	95.4
1994	12	95.9	99.9	96.9	93.7	100.7	93.7
1996	11	98.1	100.9	97.8	95.5	101.8	95.9
1997	15	96.6	99.6	96.7	94.1	99.3	94.1
1998	15	98.5	101.4	97.6	94.7	101.1	95.6
1999	24	96.9	99.9	98.0	96.6	100.4	96.1
2000	15	99.4	101.0	98.6	96.5	101.3	97.3
2001	15	98.8	101.3	98.6	96.5	100.2	97.3
2002	12	98.5	101.2	99.0	96.6	100.1	97.3
2003	10	96.8	100.4	100.6	96.9	99.8	97.9
2005	12	100.3	102.8	101.6	99.2	101.7	101.0

2007	13	101.1	102.2	100.8	98.2	101.5	100.2
2009	13	99.8	102.0	101.3	100.6	100.0	101.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	12	103.2	101.2	101.8	102.4	101.2	100.8	89.6	102.4
1981	20	103.6	100.2	101.1	101.6	100.8	100.7	90.8	101.6
1982	18	102.6	100.1	100.5	100.8	100.1	101.2	89.8	100.8
1984	28	102.4	101.0	101.0	102.0	100.6	101.1	90.7	101.6
1985	16	101.7	102.0	101.2	102.7	100.4	100.1	91.1	102.2
1986	21	101.7	100.7	100.3	101.1	99.9	99.9	91.5	100.7
1987	21	102.4	101.0	101.0	101.8	100.9	101.5	92.4	101.6
1989	13	101.3	100.9	100.4	101.5	99.9	100.6	91.5	100.9
1990	12	103.1	99.1	100.2	100.2	101.1	101.8	90.5	100.2
1991	16	101.4	99.8	99.9	100.1	99.9	100.8	93.2	100.0
1992	20	101.5	100.7	100.4	101.2	100.2	100.4	92.5	100.9
1993	20	101.2	100.5	100.8	101.3	101.0	101.1	93.5	101.0
1994	17	101.1	98.8	99.1	99.1	99.3	100.5	92.9	99.0
1995	11	102.0	100.1	100.6	100.7	101.1	101.1	92.9	100.9
1996	13	101.4	100.3	100.5	100.8	100.7	100.3	94.5	100.6
1997	18	98.8	100.7	98.7	100.0	98.3	98.8	94.7	99.3
1998	19	100.6	99.7	100.1	100.4	100.2	100.6	95.0	100.3
1999	29	100.2	99.5	99.7	100.0	100.1	100.6	96.1	100.0
2000	23	99.2	100.3	99.2	100.2	99.3	99.8	96.9	99.6
2001	20	99.7	98.8	98.7	98.9	99.3	100.2	96.0	98.7
2002	17	99.2	100.1	99.2	100.0	99.4	100.1	96.7	99.5
2003	18	99.4	99.7	99.3	99.8	99.7	100.1	97.8	99.5
2004	20	98.8	100.6	99.1	100.2	99.2	98.9	97.5	99.7
2005	28	99.0	100.6	99.5	100.5	99.8	100.1	97.6	100.0
2006	18	99.1	100.6	99.6	100.5	100.1	100.8	98.2	100.0
2007	22	99.1	99.7	99.5	99.6	99.4	99.3	99.0	99.5
2008	12	99.8	100.8	100.9	101.3	101.1	101.3	101.2	101.2
2009	17	100.2	99.1	99.9	99.8	100.4	100.4	98.6	99.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	11	96.0	87.6	100.4	102.8	103.7
1981	20	97.7	92.2	98.8	102.0	102.6
1982	17	98.9	97.1	97.4	100.5	100.5
1984	24	98.1	96.8	97.6	100.2	100.9
1985	14	97.3	95.6	98.0	100.7	101.3
1986	18	97.9	95.9	98.9	100.2	101.3
1987	18	97.5	96.7	99.2	101.6	102.0
1989	11	97.6	95.6	97.7	100.2	101.3
1990	11	98.3	94.9	99.9	101.9	102.5
1991	14	98.4	97.0	98.7	100.9	101.7
1992	15	98.6	96.9	97.8	99.8	101.1
1993	18	99.4	93.4	99.2	101.4	101.5
1994	12	97.8	95.8	97.6	99.9	100.4
1996	11	100.0	99.5	98.5	99.7	100.8
1997	15	99.1	96.8	99.4	100.8	101.8
1998	15	98.4	97.7	96.8	98.1	98.6

1999	24	98.8	98.1	97.9	99.1	100.1
2000	15	99.7	100.5	99.7	100.8	101.3
2001	15	98.5	98.1	99.2	99.9	100.7
2002	12	99.5	99.2	100.3	101.1	100.9
2003	11	99.3	98.5	98.6	99.9	100.1
2005	12	99.8	99.8	97.1	98.3	98.6
2007	14	99.6	100.1	99.2	99.8	100.4
2009	12	100.3	100.1	100.0	99.9	100.7

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1981	16	-192.4	-358.8	-280.2	102.6	101.6	95.9	90.2	97.7
1982	16	-166.4	-271.9	-294.4	100.5	100.8	94.4	91.9	97.6
1984	25	-194.3	-309.1	-449.9	100.6	101.6	95.3	91.3	98.5
1985	16	-170.7	-300.9	-375.6	101.2	102.2	95.1	90.9	98.2
1986	20	-157.0	-242.7	-399.6	100.9	100.7	96.5	92.4	98.0
1987	21	-137.7	-230.2	-376.9	102.0	101.6	97.0	91.5	97.4
1989	13	-168.5	-262.9	-418.2	100.8	100.9	94.9	91.5	97.9
1990	12	-124.9	-163.0	-332.5	102.4	100.2	96.1	91.4	96.9
1991	16	-121.6	-158.7	-299.1	101.7	100.0	97.4	91.8	97.6
1992	20	-124.4	-199.7	-379.2	100.7	100.9	97.7	94.4	97.7
1993	20	-85.1	-163.7	-254.9	101.7	101.0	98.6	94.9	98.5
1994	17	-117.2	-134.3	-316.3	100.2	99.0	96.9	93.7	98.5
1995	11	-93.5	-153.0	-233.6	100.1	100.9	98.7	95.2	98.2
1996	13	-54.1	-74.2	-114.3	100.4	100.6	97.8	95.5	99.2
1997	16	-90.5	-104.0	-156.9	101.6	99.3	96.7	94.1	98.6
1998	16	-78.1	-57.1	-164.8	98.3	100.3	97.6	94.7	98.2
1999	29	-52.4	-55.3	-88.6	99.7	100.0	98.0	96.6	98.1
2000	20	-30.1	-26.6	-38.7	101.3	99.6	98.6	96.5	98.9
2001	19	-30.1	-8.9	-1.2	100.4	98.7	98.6	96.5	98.9
2002	17	-15.5	3.6	0.8	101.1	99.5	99.0	96.6	99.3
2003	16	-27.7	-20.1	-25.0	100.0	99.5	100.6	96.9	98.3
2004	17	-39.1	-46.3	-63.5	99.9	99.7	99.7	98.0	97.8
2005	26	-24.0	-24.3	-44.7	98.3	100.0	101.6	99.2	98.7
2006	17	-10.5	-21.4	7.5	99.5	100.0	100.0	98.2	99.5
2007	17	8.5	40.6	121.8	100.2	99.5	100.8	98.2	98.7
2008	12	24.5	52.8	92.3	100.8	101.2	100.4	98.0	99.4
2009	15	45.2	94.0	100.0	100.5	99.9	101.3	100.6	98.6

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1999	18	97.1	98.3	98.4	96.2	99.3	98.8	100.2
2005	12	100.2	100.5	100.1	99.3	100.8	101.2	100.7
2007	10	100.4	100.7	100.0	98.6	101.0	100.3	100.8
2009	10	99.7	99.8	99.4	99.7	99.4	99.9	99.6

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1981	17	97.4	99.3	97.4	99.3	99.1	99.9
1982	17	96.5	99.8	96.5	99.8	97.8	99.9
1984	20	97.0	100.0	97.0	100.0	98.4	100.3
1985	12	97.6	99.1	97.6	99.1	98.5	99.7
1986	18	97.1	99.7	97.1	99.7	98.2	99.6
1987	20	96.9	99.4	96.9	99.4	98.3	99.5
1989	12	97.8	99.3	97.8	99.3	98.7	99.8
1990	11	96.5	99.3	96.5	99.3	97.6	98.5
1991	16	96.9	99.4	96.9	99.4	98.3	99.2
1992	20	97.2	99.4	97.2	99.4	98.5	99.5
1993	20	97.8	99.9	97.8	99.9	100.7	99.7
1994	17	97.2	100.3	97.2	100.3	98.8	99.9
1995	11	97.3	99.8	97.3	99.8	99.2	99.5
1996	12	98.1	100.3	98.1	100.3	100.0	99.9
1997	18	97.9	99.9	97.9	99.9	98.6	100.1
1998	19	97.6	99.8	97.6	99.8	99.1	99.3
1999	29	97.6	99.4	97.6	99.4	99.9	98.8
2000	23	99.6	99.2	99.6	99.2	101.3	99.8
2001	20	99.2	99.4	99.2	99.4	101.1	99.6
2002	17	98.3	100.3	98.3	100.3	100.4	99.9
2003	18	98.6	99.3	98.6	99.3	100.9	99.2
2004	20	97.8	99.2	97.8	99.2	99.6	99.5
2005	29	98.8	99.6	98.8	99.6	100.6	99.8
2006	18	99.4	100.0	99.4	100.0	101.4	100.6
2007	23	98.4	99.7	98.4	99.7	100.3	99.3
2008	11	98.8	100.1	98.8	100.1	101.2	99.4
2009	17	99.1	99.5	99.1	99.5	101.0	99.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	95.9	101.5	104.1	89.6	88.7	90.2
1981	20	96.6	101.1	104.0	85.2	82.2	84.2
1982	17	95.1	102.4	105.2	94.4	92.5	93.4
1984	24	97.0	102.0	103.2	100.4	98.4	99.5
1985	15	97.0	101.0	103.2	100.5	99.4	99.9
1986	20	97.7	101.7	102.5	94.3	94.5	95.0
1987	20	96.5	101.9	103.8	98.5	99.0	100.0
1989	13	96.8	101.2	103.5	99.2	99.2	99.5
1990	10	96.3	103.0	104.4	98.9	99.6	100.2
1991	16	96.9	103.7	103.6	98.1	100.2	103.4
1992	20	97.0	102.4	103.5	99.1	99.5	101.2
1993	20	99.0	100.1	101.5	93.5	94.3	96.0
1994	16	97.3	101.9	103.2	99.9	98.7	99.6
1995	10	97.4	102.9	103.1	98.8	99.9	100.6
1996	12	100.0	101.0	100.5	99.0	99.0	101.6
1997	16	97.8	102.0	102.8	99.6	99.3	99.4
1998	17	96.6	102.0	103.5	98.8	98.9	100.5
1999	28	98.9	101.2	101.2	95.5	96.0	97.2
2000	22	98.7	100.5	102.0	98.7	99.9	101.9
2001	20	98.0	100.2	102.1	99.5	99.0	99.8
2002	17	97.7	101.0	102.8	102.6	98.6	99.8
2003	17	97.3	101.2	103.1	99.4	100.4	102.0
2004	19	96.8	99.9	103.5	98.7	99.9	100.9
2005	27	97.9	99.8	102.6	99.7	98.3	100.3
2006	17	98.9	100.2	101.2	99.8	97.9	99.5
2007	18	98.3	100.6	101.8	97.8	100.9	102.7

2008	10	98.5	101.3	102.2	99.8	100.3	102.2
2009	15	97.6	101.1	102.4	98.1	100.4	101.0

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	107.1	108.9	96.5	100.4	112.1	94.8	105.5	98.6	111.3	95.2	103.2
1981	20	106.2	108.8	97.5	101.6	109.7	97.2	104.2	99.9	110.0	98.0	103.3
1982	17	106.0	106.7	97.6	100.5	109.4	96.0	104.5	99.1	109.0	97.5	102.7
1984	23	104.8	105.8	96.6	100.1	107.7	96.5	103.6	99.2	108.0	97.3	101.9
1985	12	105.6	106.5	96.3	101.2	108.2	97.2	104.0	99.6	108.5	98.2	103.4
1986	19	105.0	104.9	96.5	100.1	107.3	95.8	103.6	100.1	106.8	95.9	102.4
1987	20	105.5	106.0	97.1	101.5	107.3	96.5	104.4	99.4	107.5	97.8	102.5
1989	13	106.7	106.3	95.9	101.7	108.5	95.9	105.0	100.2	108.5	96.7	104.5
1990	11	104.4	107.1	96.9	100.8	107.5	97.6	103.3	98.6	108.5	97.8	102.9
1991	16	102.9	104.2	97.6	99.9	103.9	97.6	101.6	100.5	105.2	97.6	100.2
1992	20	105.3	105.7	97.8	101.8	106.4	97.5	103.8	101.2	106.5	98.2	102.7
1993	20	104.8	104.8	98.5	100.9	105.8	97.3	103.5	100.8	105.8	99.2	101.2
1994	15	103.7	103.3	98.3	100.5	104.1	97.6	102.8	100.4	104.7	98.1	101.2
1995	11	102.9	101.7	98.6	99.5	102.7	97.7	102.5	100.2	103.2	98.5	100.2
1996	13	103.6	104.2	98.4	100.6	104.8	97.4	102.7	100.1	105.2	98.5	101.4
1997	18	102.4	101.9	98.4	99.5	103.2	98.2	101.2	100.3	103.9	98.8	100.6
1998	19	102.4	101.5	99.1	100.0	102.5	98.2	101.9	99.9	102.8	98.7	100.9
1999	29	102.0	101.7	99.7	99.9	103.0	98.9	101.3	99.9	103.1	100.4	99.1
2000	23	101.5	102.2	97.6	100.7	101.3	98.3	101.0	99.8	102.3	99.1	99.5
2001	20	100.8	101.0	99.8	100.0	100.5	99.5	100.7	99.5	101.6	100.6	99.3
2002	17	101.9	102.4	99.7	100.7	101.5	98.8	101.2	100.8	102.8	99.9	100.1
2003	18	101.6	101.6	99.3	100.9	100.8	99.1	100.9	100.3	102.4	99.3	100.8
2004	20	100.8	102.2	98.0	101.4	100.7	99.0	100.7	99.0	102.0	98.7	100.7
2005	26	101.5	102.9	98.5	101.1	102.6	98.2	101.6	98.3	103.2	98.0	101.0
2006	17	102.0	102.4	98.9	99.8	103.3	98.2	101.2	100.1	103.1	99.2	99.2
2007	17	99.8	100.6	97.8	100.1	99.9	98.9	100.1	98.9	101.5	97.9	100.2
2008	11	99.1	100.2	100.1	99.1	99.5	100.9	98.4	100.2	101.3	100.7	97.9
2009	16	99.7	99.9	99.8	99.6	99.4	99.7	100.0	98.7	100.8	99.6	98.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	17	97.1	96.5	102.3
1982	17	96.1	96.0	102.2
1984	20	96.7	96.6	102.5
1985	12	96.5	96.2	102.3
1986	18	96.1	96.1	101.3
1987	20	97.0	96.5	102.0
1989	12	96.4	95.9	102.8
1990	11	96.7	96.4	101.9
1991	16	96.6	96.4	101.8
1992	20	96.6	96.1	102.2
1993	20	96.7	96.5	101.8
1994	16	96.6	96.4	102.2
1995	11	96.7	96.7	101.5
1996	12	98.2	97.7	102.1
1997	18	97.3	97.4	101.7
1998	19	97.8	97.6	101.5

1999	29	99.2	98.5	101.6
2000	23	99.1	98.7	101.9
2001	20	99.8	99.2	101.9
2002	17	99.5	98.6	100.2
2003	18	100.6	99.4	100.6
2004	20	100.2	99.3	100.2
2005	29	100.4	99.5	99.8
2006	18	99.6	98.7	100.4
2007	23	100.4	99.7	101.0
2008	11	101.1	99.9	101.1
2009	17	100.6	99.5	101.8

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	19	-462.4	-726.9	-104.6	-56.8
2002	17	-353.4	-544.2	-79.7	-43.4
2003	16	-619.0	-1307.2	-131.4	-79.4
2004	17	-929.9	-2655.5	-180.2	-125.5
2005	26	-672.6	-1978.1	-137.1	-86.8
2006	17	-360.1	-527.6	-91.2	-39.2
2007	17	603.1	3162.2	80.9	94.9
2008	12	445.7	2346.8	63.1	68.3
2009	15	689.4	3474.7	94.5	108.0

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

Jaar	Aantal	Eff	Int	Gewen
1986	10	100.5	101.1	101.0
1991	11	98.5	101.1	99.2
1999	17	99.8	102.9	100.9
2000	12	99.4	102.8	101.2
2001	10	99.2	105.7	101.0
2005	10	100.1	103.6	100.2

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1981	16	96.7	99.9	0	0.0	0	0.0
1982	16	99.1	102.2	1	-1.8	0	0.0
1984	25	97.2	100.6	0	0.0	0	0.0
1985	16	98.5	101.1	16	-2.8	0	0.0
1986	20	99.7	101.7	20	-2.3	0	0.0
1987	21	98.3	100.9	21	-2.1	0	0.0
1989	13	97.5	100.2	13	-2.2	0	0.0
1990	12	98.9	100.0	12	-1.6	0	0.0
1991	16	97.2	100.8	15	-1.6	0	0.0
1992	20	95.6	99.5	20	-1.6	0	0.0
1993	20	98.0	100.7	20	-1.5	0	0.0

1994	17	98.2	98.6	17	-1.4	0	0.0
1995	11	99.3	100.0	11	-1.5	0	0.0
1996	13	99.9	100.3	13	-0.7	0	0.0
1997	16	98.4	100.4	16	-1.1	0	0.0
1998	16	98.2	99.8	16	-0.6	0	0.0
1999	29	99.0	98.7	29	-0.8	0	0.0
2000	20	101.8	101.8	20	-0.3	0	0.0
2001	19	99.6	100.7	19	-0.2	15	98.3
2002	17	100.4	100.9	17	-0.1	12	98.0
2003	16	98.6	99.2	16	-0.3	10	97.0
2004	17	99.7	99.2	17	-0.3	9	100.8
2005	26	99.0	98.9	26	-0.2	12	100.7
2006	17	98.9	99.5	17	-0.3	9	98.7
2007	17	99.6	100.4	17	0.3	13	100.8
2008	12	99.7	98.9	12	0.1	8	97.1
2009	15	101.1	99.6	16	0.5	13	100.2

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	15	-2019.2	-79.1	-76.9	-92.2	19.5	-6.4	-0.5	-508.8
1985	20	-2012.4	-80.7	-77.8	-91.9	16.2	-8.0	-0.4	-516.0
1986	46	-2010.9	-76.3	-77.9	-91.7	24.6	-8.0	-0.3	-507.3
1987	145	-2043.8	-81.4	-79.3	-93.2	17.7	-8.8	-0.4	-524.1
1988	277	-2026.3	-79.9	-77.4	-92.5	19.0	-6.5	-0.4	-512.6
1989	434	-1972.2	-75.3	-74.3	-90.0	22.6	-4.5	-0.4	-489.7
1990	659	-2008.1	-74.4	-74.8	-91.6	27.0	-3.1	-0.4	-490.5
1991	1087	-1832.5	-64.0	-64.2	-83.6	29.8	3.3	-0.3	-422.9
1992	1462	-1715.7	-62.5	-61.9	-78.3	23.9	0.5	-0.3	-408.7
1993	1611	-1648.2	-62.8	-61.5	-75.2	18.5	-2.6	-0.3	-406.5
1994	2108	-1541.6	-52.2	-55.0	-70.4	26.4	1.2	-0.3	-356.2
1995	2324	-1469.9	-50.2	-52.7	-67.1	24.4	0.8	-0.3	-341.6
1996	2111	-1384.0	-47.5	-51.0	-63.2	22.5	-1.3	-0.3	-328.0
1997	1715	-1238.5	-43.5	-46.6	-56.5	18.4	-2.5	-0.3	-299.5
1998	1685	-1195.8	-42.7	-44.9	-54.6	17.0	-2.1	-0.3	-290.3
1999	1397	-1139.5	-40.1	-41.8	-52.0	16.7	-0.6	-0.3	-271.4
2000	1007	-908.1	-35.5	-36.0	-41.5	8.5	-3.9	-0.2	-234.4
2001	956	-770.6	-35.6	-31.0	-35.0	-0.0	-3.9	0.0	-212.4
2002	740	-610.0	-31.8	-26.5	-27.6	-4.3	-5.3	0.3	-183.7
2003	700	-558.1	-23.6	-22.6	-24.7	2.9	-2.9	1.0	-149.9
2004	644	-380.9	-15.0	-17.3	-16.2	4.0	-3.8	1.5	-107.5
2005	627	-197.7	-11.5	-12.0	-8.7	-1.8	-5.4	0.5	-76.1
2006	529	-143.3	-9.7	-9.8	-6.0	-2.5	-4.9	0.7	-62.3
2007	537	-181.8	-2.1	-6.2	-7.3	9.0	1.2	1.2	-31.9
2008	428	-160.2	-0.5	-4.4	-6.8	9.4	2.4	0.6	-21.1
2009	366	-73.7	-0.9	-3.6	-2.8	3.8	-0.7	0.7	-17.6
2010	196	-71.1	-3.1	-3.3	-2.0	1.1	-0.3	1.6	-20.5
2011	168	-76.2	-1.0	-2.3	-2.2	3.9	1.1	1.7	-12.3
2012	126	-41.8	-1.5	-1.7	-1.1	1.7	0.4	1.2	-10.6
2013	217	116.1	1.2	3.6	5.6	-4.1	-0.2	0.4	18.9
2014	108	53.7	-1.3	1.5	3.2	-3.2	0.1	0.9	4.3
2015	70	116.3	1.1	4.8	6.1	-3.9	1.4	1.1	24.1
2016	75	267.3	6.9	9.9	15.4	-5.4	0.9	4.0	59.5
2017	25	392.3	10.4	10.9	22.3	-7.7	-3.3	5.2	73.4

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

Tabel: 93 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken bouw

Basis: Melkdoel rood
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	11	89.4	98.4	92.6	92.4	101.2	95.6	97.5
1986	30	89.2	97.0	91.0	91.3	101.8	95.3	96.9
1987	62	88.1	98.0	91.0	91.0	102.3	97.1	96.6
1988	150	88.7	98.4	91.0	91.2	103.0	97.1	97.4
1989	286	88.9	98.2	91.0	91.2	102.4	97.3	96.7
1990	408	89.4	98.4	91.5	91.4	102.4	97.0	97.6
1991	672	89.8	97.8	92.0	92.2	100.8	96.9	96.8
1992	884	90.5	98.1	92.3	92.4	101.1	97.0	97.7
1993	958	91.5	98.4	92.8	93.0	101.4	96.9	98.5
1994	1191	91.6	99.8	94.5	93.8	102.0	97.3	99.4
1995	1252	91.8	100.0	95.0	94.4	101.8	97.4	99.4
1996	1128	92.2	100.0	95.5	94.7	101.9	97.5	99.4
1997	927	92.9	100.3	96.3	95.5	101.3	97.6	99.6
1998	863	93.8	100.4	96.9	96.3	101.0	97.7	99.3
1999	701	93.8	100.2	96.6	96.2	100.9	97.6	99.4
2000	460	94.8	99.9	96.4	96.1	100.8	97.9	99.1
2001	434	95.2	100.1	96.2	95.9	100.7	97.6	99.3
2002	368	95.8	100.2	96.5	96.4	100.6	97.8	99.1
2003	355	96.4	101.2	97.7	97.6	101.0	98.8	98.6
2004	304	96.6	101.4	98.7	98.7	100.2	98.9	99.2
2005	283	97.2	101.7	99.3	99.1	99.9	99.4	99.6
2006	243	97.4	102.4	99.7	99.4	100.4	99.5	99.8
2007	255	97.2	103.1	100.2	99.7	100.9	100.2	98.7
2008	226	97.3	102.6	99.7	99.5	100.8	100.5	98.4
2009	199	97.9	102.5	99.9	99.9	100.7	101.1	98.1
2010	100	98.1	102.0	99.8	99.8	100.2	101.0	99.5
2011	92	99.0	102.2	99.6	99.5	100.5	100.7	99.7
2012	65	99.2	101.3	99.7	100.1	99.7	100.5	99.6
2013	106	99.1	101.5	99.5	99.7	99.6	100.0	100.1
2014	59	99.5	101.2	99.3	99.5	99.8	98.8	100.0
2015	31	100.1	101.8	99.8	99.5	99.9	99.9	100.2
2016	34	100.1	101.2	99.8	100.1	99.6	99.9	99.9

Tabel: 94 MRIJ - Holstein Friesian roodbont: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	BA	BZ	KH	BG
1985	11	92.2	100.9	93.7	89.6
1986	30	93.0	100.8	94.3	89.9
1987	62	94.0	100.0	93.1	91.6
1988	150	94.9	99.6	94.5	92.5
1989	286	95.0	99.7	94.9	92.6
1990	408	95.2	99.9	95.0	92.9
1991	672	93.8	102.1	93.7	91.2
1992	884	94.4	101.3	94.4	91.6
1993	958	95.1	101.5	95.0	92.6
1994	1191	93.2	101.9	93.5	91.4
1995	1252	93.6	101.9	93.6	91.9
1996	1128	94.7	101.8	94.2	92.9
1997	927	95.4	102.3	94.3	93.5
1998	863	96.1	103.3	94.0	94.0
1999	701	96.8	102.9	94.6	94.7
2000	460	97.3	102.3	95.7	95.4
2001	434	97.7	101.7	96.9	95.8
2002	368	97.2	101.4	97.5	95.4

2003	355	98.0	100.8	97.9	96.7
2004	304	98.0	101.6	97.1	96.9
2005	283	97.6	102.2	96.4	96.8
2006	243	98.4	101.7	96.8	97.7
2007	255	99.6	100.3	98.0	99.7
2008	226	99.5	100.2	98.0	99.8
2009	199	99.7	99.8	98.3	100.1
2010	100	99.3	100.2	98.3	99.4
2011	92	100.6	99.5	99.3	100.9
2012	65	100.9	99.5	99.4	101.3
2013	106	101.9	99.2	99.8	101.9
2014	59	101.7	99.5	99.9	101.4
2015	31	101.9	99.9	99.2	101.5
2016	34	101.3	100.0	99.3	101.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	11	93.3	89.6	102.3	93.7	88.8	91.5	91.0
1986	30	94.6	91.4	102.2	95.5	90.5	92.4	92.1
1987	62	93.3	90.3	103.0	94.1	89.9	92.1	91.7
1988	150	93.6	90.8	103.6	94.4	89.8	92.1	91.7
1989	286	93.9	91.3	103.4	94.5	90.2	91.9	91.7
1990	408	93.5	91.2	102.6	94.4	89.8	91.5	91.4
1991	672	94.1	91.1	102.3	94.2	90.0	91.7	91.4
1992	884	94.6	91.1	102.0	94.9	90.3	91.5	91.5
1993	958	95.1	91.8	101.7	95.5	90.7	92.2	92.3
1994	1191	94.8	93.2	100.8	94.2	89.3	93.0	93.4
1995	1252	94.8	93.5	101.0	94.2	89.8	93.5	93.8
1996	1128	94.9	93.8	101.3	94.1	90.5	93.7	94.1
1997	927	95.1	94.0	101.1	94.4	91.4	93.9	94.0
1998	863	94.8	93.8	101.2	94.3	92.0	94.4	94.2
1999	701	95.1	94.4	101.2	94.7	92.8	95.1	94.8
2000	460	95.7	94.8	101.5	95.7	93.7	95.8	95.6
2001	434	96.2	94.5	102.2	96.0	94.0	95.8	95.2
2002	368	96.1	94.2	102.1	95.8	94.6	95.7	94.7
2003	355	97.3	95.7	101.0	96.6	95.1	96.2	95.7
2004	304	97.5	96.6	101.2	96.2	95.6	97.6	97.5
2005	283	97.5	96.4	101.9	95.9	96.2	97.1	97.2
2006	243	98.2	96.7	101.4	96.7	96.6	97.4	97.7
2007	255	98.1	97.7	100.4	96.7	96.0	97.2	97.5
2008	226	98.4	97.9	100.1	97.2	96.4	97.3	97.7
2009	199	98.6	98.4	100.0	97.5	96.4	97.4	98.0
2010	100	98.8	98.4	100.0	98.1	97.3	98.3	98.8
2011	92	99.3	98.8	99.9	98.8	97.7	98.7	99.3
2012	65	100.2	99.2	99.8	99.6	99.0	99.8	100.1
2013	106	100.4	99.5	99.6	99.9	98.9	99.6	100.2
2014	59	100.6	99.4	100.5	100.3	99.3	99.5	100.2
2015	31	100.9	100.6	100.3	100.3	99.7	100.1	101.0
2016	34	102.4	100.4	101.1	101.6	100.6	100.7	101.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
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1985	11	93.5	94.7	89.8	88.5	0.0	85.8
1986	30	91.9	93.5	91.7	88.8	0.0	86.3
1987	62	93.0	93.6	90.4	90.4	0.0	86.8
1988	150	93.5	94.3	90.6	91.5	0.0	87.8
1989	286	93.2	93.9	90.8	91.6	0.0	87.8
1990	408	93.7	94.3	90.4	91.9	0.0	87.9
1991	672	93.3	93.8	90.7	90.2	0.0	87.0
1992	884	94.0	94.4	91.3	90.8	0.0	87.9
1993	958	94.6	95.3	91.9	91.8	0.0	89.1
1994	1191	96.2	96.9	91.0	90.4	0.0	88.6
1995	1252	96.6	97.3	91.3	90.9	0.0	89.1
1996	1128	96.8	97.7	91.6	92.0	0.0	90.0
1997	927	97.3	98.1	92.2	92.6	0.0	90.8
1998	863	97.4	98.4	92.3	93.1	0.0	91.3
1999	701	97.2	98.1	93.0	93.9	0.0	91.9
2000	460	97.1	98.0	93.9	94.8	0.0	92.9
2001	434	97.0	97.8	94.4	95.4	0.0	93.4
2002	368	97.1	98.0	94.6	95.1	0.0	93.4
2003	355	98.1	98.9	95.5	96.3	0.0	95.0
2004	304	98.8	99.4	95.6	96.3	0.0	95.3
2005	283	99.6	99.8	95.7	96.1	0.0	95.5
2006	243	100.0	100.2	96.4	97.0	0.0	96.6
2007	255	100.2	100.4	96.3	98.9	0.0	97.5
2008	226	100.0	100.1	96.7	99.1	0.0	97.8
2009	199	100.2	100.3	96.9	99.4	0.0	98.1
2010	100	100.5	100.2	97.6	98.7	0.0	98.3
2011	92	100.7	100.4	98.1	100.3	0.0	99.4
2012	65	100.2	100.3	99.3	100.7	0.0	100.1
2013	106	100.2	100.1	99.4	101.4	0.0	100.5
2014	59	99.3	100.2	99.7	101.0	0.0	100.2
2015	31	100.4	100.3	100.0	101.0	0.0	100.8
2016	34	100.1	100.3	101.5	101.2	0.0	101.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	19	103.5	103.9	103.6	103.9	102.6	100.7	89.0	103.9
1985	27	102.9	103.8	102.9	103.7	101.8	100.0	89.0	103.6
1986	57	103.3	103.9	103.6	104.1	102.6	100.2	89.7	104.1
1987	165	103.7	104.2	103.8	104.5	103.0	101.0	89.8	104.4
1988	276	104.1	103.8	103.9	104.3	103.3	101.0	89.0	104.3
1989	434	103.1	103.8	103.2	103.9	102.5	100.6	89.2	103.8
1990	663	103.0	104.2	103.5	104.3	102.7	101.0	89.5	104.1
1991	1087	103.4	102.7	103.0	103.2	102.6	100.9	91.1	103.3
1992	1468	103.2	102.7	102.9	103.0	102.5	100.8	91.8	103.2
1993	1615	102.7	103.0	102.7	103.1	102.2	100.6	92.2	103.1
1994	2132	102.1	102.9	102.4	102.8	101.8	100.5	92.4	102.8
1995	2342	101.7	103.0	102.2	102.8	101.6	100.6	92.5	102.7
1996	2136	101.4	102.6	101.8	102.1	101.1	100.4	93.1	102.1
1997	1723	100.9	102.0	101.1	101.4	100.5	100.3	93.5	101.4
1998	1709	100.7	102.2	101.1	101.4	100.4	100.4	94.0	101.4
1999	1415	100.8	102.3	101.4	101.7	100.8	100.4	94.0	101.7
2000	1020	101.3	101.4	101.4	101.3	101.1	100.6	94.6	101.4
2001	986	101.1	102.1	101.7	102.0	101.2	100.1	94.7	101.9
2002	762	100.4	102.6	101.6	102.2	100.9	100.1	96.1	102.0
2003	732	99.3	102.1	100.6	101.0	99.8	99.8	97.0	100.9
2004	679	98.8	101.5	99.8	100.0	99.1	99.2	96.8	99.9
2005	667	98.8	101.3	99.9	99.9	99.2	99.2	96.5	99.9
2006	579	98.6	101.2	99.8	99.7	99.1	99.2	97.0	99.7

2007	585	97.1	101.9	99.1	99.5	98.1	98.9	99.1	99.2
2008	509	97.5	101.9	99.4	99.7	98.5	99.1	98.9	99.4
2009	435	97.6	101.7	99.2	99.5	98.5	99.1	98.8	99.3
2010	225	98.4	101.5	99.9	99.9	99.3	99.3	98.5	99.9
2011	213	98.3	101.2	99.5	99.6	99.1	99.2	98.8	99.4
2012	160	98.0	101.3	99.3	99.6	99.0	99.2	98.9	99.5
2013	283	98.4	100.7	99.2	99.2	99.1	99.2	98.8	99.2
2014	147	99.3	100.9	100.1	100.0	100.1	99.3	98.3	100.0
2015	97	99.1	102.2	100.9	101.3	100.7	99.3	99.3	101.2
2016	97	99.0	102.2	100.7	101.4	100.7	99.2	99.2	101.1
2017	37	99.4	102.2	101.1	101.6	101.0	99.4	99.3	101.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	13	101.8	83.7	98.8	101.4	103.1
1986	29	101.7	99.5	98.0	100.3	102.2
1987	65	100.4	93.7	98.6	100.9	102.6
1988	142	100.2	96.8	98.6	100.8	102.6
1989	270	99.5	98.2	98.3	100.1	102.4
1990	383	100.2	99.1	98.0	99.6	101.6
1991	653	100.0	99.1	98.9	100.8	102.1
1992	874	100.8	99.5	99.0	100.8	102.0
1993	934	101.6	99.4	98.5	100.2	101.6
1994	1162	101.9	99.4	98.8	100.2	101.7
1995	1246	101.5	99.3	98.4	99.6	101.4
1996	1120	101.9	99.7	98.3	99.2	101.1
1997	927	101.5	99.8	98.4	99.1	100.9
1998	858	101.5	99.6	98.2	98.8	100.3
1999	695	101.1	99.6	98.0	98.7	99.8
2000	453	101.0	99.1	98.6	99.2	100.2
2001	437	101.1	98.9	98.4	98.7	99.5
2002	365	100.9	98.5	97.7	97.9	98.3
2003	355	100.8	99.1	98.1	98.2	98.7
2004	303	100.8	99.0	98.8	98.5	99.1
2005	279	100.9	99.3	99.2	99.2	99.1
2006	244	101.0	99.2	99.7	99.4	99.3
2007	252	101.3	100.4	99.6	99.3	99.4
2008	227	101.4	100.5	99.9	99.3	99.4
2009	194	101.7	100.5	100.1	99.4	99.7
2010	98	101.0	100.1	100.0	99.4	99.4
2011	90	100.8	99.5	100.5	99.7	99.6
2012	63	100.5	100.5	100.4	99.5	99.4
2013	97	100.7	100.2	101.3	100.1	99.9
2014	55	101.3	101.3	101.3	100.1	99.4
2015	31	101.3	101.7	102.2	100.7	100.2
2016	31	101.1	101.5	102.7	101.1	101.1

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1984	15	-217.4	-508.8	-186.8	103.7	103.9	92.9	90.0	99.3
1985	20	-227.2	-516.0	-284.2	102.7	103.6	89.8	88.5	100.1
1986	46	-225.7	-507.3	-280.2	101.6	104.1	91.7	88.8	99.1

1987	145	-230.0	-524.1	-284.8	102.1	104.4	90.4	90.4	100.1
1988	277	-222.0	-512.6	-284.6	102.1	104.3	90.6	91.5	99.7
1989	434	-218.3	-489.7	-291.0	101.6	103.8	90.8	91.6	99.3
1990	659	-221.5	-490.5	-296.6	100.9	104.1	90.4	91.9	99.3
1991	1087	-205.6	-422.9	-307.4	101.8	103.3	90.7	90.2	99.1
1992	1462	-197.7	-408.7	-279.3	101.7	103.2	91.3	90.8	99.2
1993	1611	-196.2	-406.5	-278.0	101.2	103.1	91.9	91.8	99.3
1994	2108	-186.8	-356.2	-286.9	101.2	102.8	91.0	90.4	99.5
1995	2324	-180.9	-341.6	-271.2	100.7	102.7	91.3	90.9	99.8
1996	2111	-178.3	-328.0	-267.9	100.3	102.1	91.6	92.0	99.9
1997	1715	-172.1	-299.5	-269.5	100.2	101.4	92.2	92.6	99.6
1998	1685	-171.3	-290.3	-300.9	99.6	101.4	92.3	93.1	99.6
1999	1397	-157.2	-271.4	-283.8	99.2	101.7	93.0	93.9	100.0
2000	1007	-132.1	-234.4	-213.6	99.8	101.4	93.9	94.8	100.0
2001	956	-116.6	-212.4	-177.6	99.1	101.9	94.4	95.4	100.4
2002	740	-113.2	-183.7	-195.6	97.9	102.0	94.6	95.1	100.3
2003	700	-98.3	-149.9	-167.3	98.3	100.9	95.5	96.3	99.0
2004	644	-89.0	-107.5	-178.8	98.7	99.9	95.6	96.3	97.5
2005	627	-72.0	-76.1	-144.9	99.0	99.9	95.7	96.1	98.2
2006	529	-62.1	-62.3	-120.4	99.3	99.7	96.4	97.0	98.2
2007	537	-41.7	-31.9	-63.1	99.3	99.2	96.3	98.9	96.5
2008	428	-30.4	-21.1	-26.3	99.3	99.4	96.7	99.1	96.9
2009	366	-27.7	-17.6	-2.7	99.5	99.3	96.9	99.4	97.2
2010	196	-23.6	-20.5	-0.5	99.4	99.9	97.6	98.7	97.8
2011	168	-13.5	-12.3	15.5	99.6	99.4	98.1	100.3	98.0
2012	126	-10.7	-10.6	23.3	99.4	99.5	99.3	100.7	98.1
2013	217	9.9	18.9	60.9	100.0	99.2	99.4	101.4	99.2
2014	108	7.1	4.3	78.1	99.6	100.0	99.7	101.0	99.9
2015	70	27.0	24.1	90.1	100.4	101.2	100.0	101.0	100.2
2016	75	54.9	59.5	155.7	101.2	101.1	101.5	101.2	101.1
2017	25	62.3	73.4	138.0	101.2	101.5	99.5	100.2	101.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1990	13	96.5	96.4	100.1	97.9	96.6	97.5	97.3
1991	110	94.0	93.9	98.1	96.7	95.4	95.4	97.5
1992	133	94.1	94.4	97.9	96.1	96.0	96.0	97.6
1993	142	94.2	95.4	97.4	95.6	96.1	97.4	97.6
1994	306	95.9	97.2	99.2	95.8	97.1	99.2	97.1
1995	385	96.3	97.5	99.8	95.9	97.3	99.8	96.8
1996	337	96.4	97.1	99.9	96.5	96.9	99.9	96.6
1997	325	95.9	96.1	99.5	97.2	96.0	98.9	96.4
1998	475	96.1	95.7	99.9	98.1	95.1	98.5	95.8
1999	365	96.6	96.2	100.4	98.3	95.4	99.0	95.9
2000	279	97.2	97.3	100.0	98.5	96.1	99.9	96.1
2001	294	97.4	97.5	100.3	98.1	97.0	100.3	96.2
2002	268	97.4	97.7	100.2	98.1	97.2	100.3	95.7
2003	287	98.2	98.8	100.0	99.0	97.9	99.3	96.6
2004	272	98.7	99.3	100.4	99.3	98.0	98.7	96.9
2005	254	99.0	99.9	100.4	99.3	98.4	98.6	97.5
2006	225	99.2	99.8	100.4	99.7	98.4	98.5	97.8
2007	242	100.5	101.5	100.3	100.5	100.3	97.8	99.3
2008	217	100.8	101.7	100.4	100.6	100.7	98.1	99.8
2009	189	100.7	101.6	100.2	100.7	100.6	98.0	99.9
2010	93	100.2	101.0	100.1	100.3	100.1	98.7	99.0
2011	79	100.3	101.1	99.7	100.5	100.9	98.8	99.2
2012	63	100.6	101.2	100.0	100.6	101.0	99.2	99.0
2013	99	100.2	101.0	99.6	100.4	100.9	99.8	98.5

2014	55	100.1	101.0	99.6	99.8	101.3	99.8	98.8
2015	28	100.8	101.3	100.0	100.4	101.7	100.6	99.0
2016	26	102.0	102.5	100.8	100.7	102.6	101.2	99.7

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1989	22	95.8	100.9	95.8	100.9	96.8	100.1
1990	22	95.5	101.1	95.5	101.1	96.2	99.5
1991	59	96.9	101.0	96.9	101.0	99.3	98.2
1992	48	95.9	101.4	95.9	101.4	97.2	99.2
1993	52	95.8	101.5	95.8	101.5	97.3	99.5
1994	67	96.0	101.9	96.0	101.9	98.1	99.7
1995	101	96.1	101.9	96.1	101.9	98.2	99.4
1996	72	96.5	102.1	96.5	102.1	98.2	100.0
1997	88	96.8	101.4	96.8	101.4	98.0	99.8
1998	102	96.5	101.9	96.5	101.9	97.9	99.5
1999	99	97.1	102.1	97.1	102.1	98.1	100.2
2000	78	97.4	101.3	97.4	101.3	98.1	100.8
2001	101	97.8	101.7	97.8	101.7	98.5	101.3
2002	59	97.9	101.3	97.9	101.3	98.4	101.1
2003	80	97.7	99.8	97.7	99.8	98.2	100.0
2004	76	97.2	99.4	97.2	99.4	98.5	99.2
2005	80	97.8	99.4	97.8	99.4	99.2	99.0
2006	63	97.6	99.7	97.6	99.7	98.5	100.0
2007	55	97.8	98.5	97.8	98.5	99.3	99.0
2008	63	98.4	98.7	98.4	98.7	99.7	99.1
2009	54	98.4	99.4	98.4	99.4	99.7	99.6
2010	41	97.9	99.7	97.9	99.7	99.5	99.8
2011	32	98.3	99.8	98.3	99.8	100.2	100.1
2012	29	98.2	99.6	98.2	99.6	100.1	99.8
2013	24	99.8	100.3	99.8	100.3	101.7	100.3
2014	19	100.5	100.2	100.5	100.2	102.1	100.6
2015	17	101.1	100.4	101.1	100.4	103.6	100.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	10	98.5	101.4	101.3	91.2	87.5	89.7
1986	26	96.6	102.3	103.4	97.9	99.5	103.0
1987	73	97.7	101.7	102.2	98.5	99.9	102.9
1988	130	98.1	102.2	101.8	97.8	98.5	102.4
1989	169	98.0	102.1	101.8	97.9	99.1	102.8
1990	313	98.2	102.4	101.6	97.9	99.5	101.9
1991	522	97.3	100.9	102.4	96.4	100.0	102.9
1992	683	96.8	101.5	102.9	96.8	99.9	102.2
1993	697	97.0	101.5	102.9	98.7	100.0	100.9
1994	818	96.6	101.7	103.1	99.1	99.6	101.4
1995	891	97.1	101.8	102.6	100.2	99.4	100.2
1996	854	97.4	101.9	102.6	99.6	99.2	99.9
1997	757	97.2	101.7	102.9	99.6	99.9	100.7
1998	722	96.9	102.2	103.1	98.8	100.3	101.0
1999	636	97.5	100.9	102.7	99.6	100.3	100.3
2000	461	98.0	100.2	102.1	99.8	99.4	100.0

2001	456	97.3	99.8	102.8	100.3	98.6	99.8
2002	337	96.9	99.9	103.2	100.0	99.3	100.5
2003	322	97.1	101.0	103.1	98.6	100.0	100.0
2004	262	96.9	101.9	103.3	99.1	101.6	101.2
2005	244	97.3	101.6	103.0	98.9	101.4	101.1
2006	220	97.1	101.6	103.2	99.7	102.5	101.7
2007	229	98.5	102.2	102.0	97.4	103.9	102.2
2008	222	98.8	101.8	101.8	97.4	103.4	102.0
2009	206	98.6	101.6	102.0	97.9	103.1	102.1
2010	119	97.9	101.4	102.6	98.3	102.5	101.5
2011	99	98.7	100.7	102.1	98.4	102.3	101.5
2012	83	98.8	100.9	101.9	98.2	101.8	101.1
2013	113	97.6	100.5	103.4	99.0	101.4	101.5
2014	59	97.9	100.1	103.0	99.8	99.9	101.1
2015	44	98.9	99.4	101.5	99.9	101.1	101.5
2016	48	100.5	99.2	100.0	101.1	101.1	101.2
2017	19	100.2	97.5	100.0	101.3	99.5	100.4
2018	10	98.8	100.4	101.8	100.7	102.3	102.1

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	17	107.5	112.9	95.0	103.9	110.8	98.3	106.3	99.2	110.1	98.4	104.3
1987	30	107.8	113.4	94.8	104.1	111.4	98.4	106.7	99.0	109.5	97.8	103.9
1988	59	109.0	114.8	94.4	105.1	113.3	98.3	107.8	98.6	111.4	97.6	105.0
1989	85	107.1	112.7	95.4	103.5	110.8	97.9	106.2	98.1	110.5	98.8	104.5
1990	134	107.2	112.9	95.1	103.6	110.8	98.1	106.0	98.7	110.9	99.1	104.7
1991	268	105.4	109.7	96.2	101.9	108.5	97.5	104.6	98.4	108.9	98.5	103.1
1992	364	105.5	109.6	95.8	102.0	108.3	97.6	104.8	98.5	108.6	98.0	103.2
1993	438	106.3	109.6	96.2	102.6	108.8	97.6	105.5	98.6	108.5	98.5	104.0
1994	541	106.0	110.2	96.4	103.3	107.8	98.3	105.0	99.2	108.5	98.7	105.6
1995	711	105.6	109.7	97.2	103.1	107.2	99.0	104.6	99.4	108.1	99.2	105.4
1996	696	105.5	109.7	97.4	103.0	107.1	99.4	104.5	99.1	108.3	99.4	105.5
1997	660	104.8	108.2	98.0	102.3	106.4	99.2	104.0	99.1	107.5	99.4	104.3
1998	709	104.2	107.1	97.9	102.1	105.6	98.8	103.5	99.0	106.8	98.4	104.1
1999	713	103.8	106.8	97.8	102.0	105.2	98.8	103.2	98.9	106.4	98.4	104.0
2000	616	103.7	105.8	98.2	101.4	105.0	99.0	102.8	99.6	106.1	98.9	103.3
2001	710	103.8	105.1	99.8	101.5	105.0	99.5	102.8	99.6	106.0	100.2	103.5
2002	582	103.7	104.7	100.4	101.6	104.9	99.7	103.0	99.4	105.2	100.2	103.1
2003	622	103.5	104.6	99.9	101.5	104.2	99.5	102.5	100.3	105.1	99.7	103.3
2004	561	103.3	103.8	99.7	101.2	103.5	99.2	101.9	101.2	105.2	98.9	103.1
2005	559	103.4	103.0	100.5	100.7	103.4	98.9	102.0	101.4	104.8	99.0	103.4
2006	483	103.2	103.3	100.3	101.1	103.0	98.9	101.8	101.5	105.0	99.6	103.1
2007	528	102.6	103.7	100.0	100.9	102.2	99.3	100.9	101.9	105.3	99.6	102.4
2008	430	102.2	103.5	100.1	100.5	102.2	99.5	100.6	101.5	105.2	100.2	102.1
2009	374	102.2	103.6	100.0	100.7	102.1	99.7	100.6	101.2	106.8	100.4	102.6
2010	195	102.1	103.1	99.8	100.3	102.3	99.3	100.9	100.6	105.4	99.4	101.6
2011	162	101.6	102.5	99.9	99.8	101.7	99.6	100.5	100.4	105.2	99.9	102.1
2012	117	101.4	102.8	100.2	100.1	101.2	100.0	100.1	100.1	108.6	103.7	100.5
2013	215	101.5	101.7	100.7	99.8	101.2	100.0	100.2	100.4	107.9	103.4	101.0
2014	88	101.1	100.9	101.4	99.4	101.5	99.6	100.7	100.0	100.4	101.9	99.8
2015	44	101.4	101.3	101.2	100.8	100.9	99.4	100.7	99.8	105.5	102.1	101.0
2016	38	101.3	101.3	101.6	99.4	101.5	99.2	100.9	99.0	104.7	101.3	100.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1989	13	98.1	98.9	100.2
1990	16	98.0	99.3	99.6
1991	33	99.1	99.9	100.5
1992	19	97.6	98.6	100.6
1993	27	97.4	99.0	99.7
1994	40	98.6	99.7	100.2
1995	42	98.7	99.7	99.9
1996	37	98.5	100.0	99.7
1997	58	98.2	99.5	99.1
1998	67	97.7	99.1	99.4
1999	71	98.2	99.4	100.0
2000	61	98.0	99.4	99.8
2001	79	98.6	99.5	100.0
2002	47	98.9	99.6	100.3
2003	68	99.6	100.3	99.8
2004	59	99.4	100.1	100.2
2005	62	100.6	100.7	100.5
2006	50	100.6	100.8	100.7
2007	41	100.4	100.5	100.2
2008	53	100.7	100.9	101.0
2009	41	100.0	100.0	100.2
2010	29	100.1	99.9	100.8
2011	26	100.8	101.4	99.7
2012	20	101.5	101.5	100.3
2013	11	101.4	100.9	100.8
2014	13	101.7	101.3	100.8
2015	12	101.5	101.6	101.4

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	956	-1934.9	-7984.9	-320.7	-281.0
2002	741	-1928.9	-7799.4	-324.8	-278.0
2003	698	-1660.0	-7092.1	-268.2	-243.8
2004	643	-1606.8	-6875.5	-254.7	-238.4
2005	629	-1285.7	-5382.4	-206.6	-189.7
2006	529	-1099.0	-4628.5	-175.6	-162.6
2007	539	-643.5	-3421.6	-86.6	-101.1
2008	431	-375.1	-2416.3	-40.7	-62.6
2009	375	-217.9	-1531.1	-16.7	-39.5
2010	200	-212.9	-1435.1	-23.0	-35.3
2011	177	-67.0	-975.3	5.3	-15.8
2012	130	-17.9	-691.6	10.9	-7.6
2013	229	322.8	878.3	59.1	45.6
2014	118	376.3	1066.6	68.8	53.0
2015	76	527.2	1672.2	91.8	76.0
2016	80	1119.9	4083.7	193.5	160.3
2017	29	996.6	3773.7	176.7	139.8

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

Jaar	Aantal	Eff	Int	Gewen
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1989	12	99.7	96.4	102.1
1990	13	100.2	95.9	101.9
1991	32	99.4	97.7	102.2
1992	28	101.0	97.1	101.9
1993	41	101.3	96.9	101.7
1994	54	101.1	92.7	102.3
1995	52	101.4	93.7	101.8
1996	47	101.6	94.3	102.1
1997	61	101.4	95.1	102.2
1998	56	101.5	94.9	101.4
1999	51	100.6	95.2	101.8
2000	40	101.5	96.1	101.0
2001	50	101.0	96.4	100.7
2002	32	101.0	97.2	100.5
2003	46	100.5	98.3	100.6
2004	43	100.8	98.7	101.2
2005	27	101.2	98.7	101.3
2006	32	101.3	99.4	100.6
2007	41	100.8	101.4	100.6
2008	33	100.1	102.0	100.6
2009	33	100.9	105.9	98.6
2010	28	99.6	103.4	99.6
2011	19	99.5	103.2	99.0
2012	15	100.5	105.3	99.3
2013	21	102.0	105.2	98.8
2014	16	101.6	105.0	98.9
2015	10	100.5	106.2	98.9

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1984	15	95.3	96.4	2	-3.5	0	0.0
1985	20	95.9	96.0	20	-4.7	0	0.0
1986	46	95.6	96.0	46	-4.6	0	0.0
1987	145	95.7	95.9	145	-4.5	0	0.0
1988	277	95.5	95.9	277	-4.4	0	0.0
1989	434	95.9	96.6	434	-4.3	0	0.0
1990	659	95.4	96.4	660	-4.3	0	0.0
1991	1087	95.2	96.4	1089	-3.9	0	0.0
1992	1462	95.6	96.3	1462	-3.7	0	0.0
1993	1611	95.4	96.3	1612	-3.6	0	0.0
1994	2108	95.4	97.0	2109	-3.0	0	0.0
1995	2324	95.7	97.1	2325	-2.8	0	0.0
1996	2111	95.9	96.8	2112	-2.7	0	0.0
1997	1715	96.2	96.5	1715	-2.4	0	0.0
1998	1685	95.8	96.2	1685	-2.3	0	0.0
1999	1397	96.2	96.5	1397	-2.3	0	0.0
2000	1007	96.9	97.2	1007	-2.0	0	0.0
2001	956	97.9	97.1	956	-1.8	434	97.7
2002	740	98.2	96.6	742	-1.5	368	97.9
2003	700	98.8	97.4	700	-1.2	355	98.9
2004	644	98.5	97.6	644	-0.8	304	99.2
2005	627	99.3	97.8	629	-0.5	283	99.6
2006	529	99.9	98.9	530	-0.3	243	100.4
2007	537	100.5	100.4	537	-0.1	255	100.8
2008	428	100.6	100.8	428	-0.1	226	100.2
2009	366	100.7	100.6	373	-0.0	199	100.4
2010	196	100.1	99.4	198	-0.0	100	100.2

2011	168	100.0	99.6	176	0.0	92	100.8
2012	126	100.4	99.1	129	-0.0	65	100.1
2013	217	100.5	98.4	227	0.2	106	100.0
2014	108	100.9	98.8	116	0.1	59	100.1
2015	70	100.1	98.9	75	0.3	31	100.8
2016	75	101.6	98.8	80	0.5	34	100.3
2017	25	101.6	96.8	29	0.9	4	104.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1095.5	-43.5	-48.8	-59.5	9.8	-15.7	-17.3	-309.5
1981	25	-968.4	-32.7	-45.8	-53.8	19.4	-18.6	-16.9	-272.6
1982	41	-932.0	-33.3	-45.1	-52.2	16.0	-19.1	-17.1	-270.7
1983	79	-1008.9	-39.2	-48.2	-55.7	11.5	-19.9	-17.2	-296.8
1984	131	-1118.9	-44.6	-50.9	-60.7	10.5	-17.8	-17.5	-320.9
1985	179	-1043.0	-38.9	-48.4	-57.2	14.7	-18.0	-17.3	-297.5
1986	347	-908.4	-37.6	-44.9	-51.1	6.5	-19.9	-17.0	-278.3
1987	622	-902.6	-35.9	-44.8	-50.8	9.1	-20.2	-17.0	-274.3
1988	714	-880.2	-35.5	-43.6	-49.8	7.8	-19.7	-16.9	-268.4
1989	674	-888.8	-32.9	-43.1	-50.2	13.7	-17.8	-17.0	-261.1
1990	748	-937.8	-32.9	-43.5	-52.4	18.2	-15.3	-17.1	-263.1
1991	625	-796.8	-28.2	-37.7	-46.0	14.5	-14.1	-16.7	-227.7
1992	486	-682.2	-25.7	-34.9	-40.7	9.8	-16.2	-16.5	-209.4
1993	600	-435.0	-19.4	-26.9	-29.5	1.3	-17.6	-16.0	-159.7
1994	719	-291.0	-12.1	-20.6	-22.9	2.4	-15.6	-15.7	-116.7
1995	432	-215.5	-7.7	-17.1	-19.4	4.0	-14.3	-15.4	-92.2
1996	269	-145.1	-6.2	-16.6	-16.2	1.4	-17.3	-15.4	-85.9
1997	126	-23.2	-1.6	-11.9	-10.7	-0.1	-16.7	-15.1	-55.2
1998	54	14.3	3.0	-9.6	-9.0	4.0	-15.6	-15.1	-35.8
1999	59	33.9	3.1	-6.6	-8.2	3.1	-11.5	-15.3	-22.8
2000	32	60.3	2.7	-6.0	-6.4	0.8	-12.2	-14.3	-20.8
2001	27	481.6	19.0	10.3	14.0	-2.5	-10.4	-11.6	86.3
2002	33	422.5	11.2	4.5	13.1	-9.6	-15.7	-9.2	45.7
2003	31	452.9	18.6	7.8	16.8	-0.5	-12.5	-5.8	76.0
2004	32	384.9	18.7	6.0	12.6	2.9	-11.6	-7.6	67.5
2005	28	883.8	39.7	22.6	34.6	1.8	-13.0	-8.5	186.5
2006	20	1026.8	33.6	24.4	39.7	-15.2	-17.1	-10.2	182.8
2007	26	740.0	37.5	21.4	26.3	7.1	-7.5	-11.2	174.4
2008	25	472.4	25.1	12.8	17.7	6.4	-6.5	-5.7	110.6
2009	15	681.0	34.9	19.5	24.3	7.2	-7.7	-10.1	160.4
2010	10	681.5	25.9	13.5	22.1	-4.7	-15.3	-13.1	116.3
2011	10	831.8	43.4	27.8	29.7	9.9	-3.8	-12.1	214.2
2013	14	1093.9	38.7	31.4	40.9	-12.6	-11.5	-12.6	222.5
2014	20	833.1	31.3	21.7	30.2	-7.3	-12.2	-11.4	163.8
2015	15	884.8	35.2	22.7	30.8	-4.4	-12.6	-13.9	176.1

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1981	14	94.6	91.9	94.1	100.5	94.9	91.4	96.1
1982	27	97.0	91.9	96.0	102.7	94.4	91.1	97.9
1983	38	96.8	92.1	95.7	102.4	93.7	92.3	97.3

1984	63	95.1	93.6	95.5	101.6	95.4	92.8	97.2
1985	84	95.8	92.8	95.6	102.0	94.6	92.5	96.2
1986	159	96.1	92.0	96.4	102.8	93.5	91.5	96.2
1987	288	96.6	93.0	97.3	103.4	94.2	91.8	96.6
1988	365	96.8	92.8	97.0	103.4	94.3	92.2	96.6
1989	383	97.0	93.0	97.0	103.5	94.0	92.2	96.7
1990	444	97.5	92.8	97.0	103.5	94.0	92.5	97.3
1991	352	97.6	92.3	97.1	103.6	93.2	92.6	97.0
1992	261	98.4	92.9	98.1	104.5	93.5	92.0	97.8
1993	316	99.8	93.4	99.1	105.7	93.2	91.9	98.7
1994	361	100.5	93.8	100.2	106.6	92.8	91.6	99.3
1995	201	100.3	94.3	100.6	106.6	93.2	91.7	99.1
1996	116	101.0	94.5	101.3	107.5	93.1	93.7	98.7
1997	57	100.7	94.6	101.2	107.3	93.4	94.0	98.0
1998	25	100.8	95.1	101.5	107.4	93.8	93.8	98.1
1999	27	101.6	95.2	101.4	107.3	92.9	93.8	98.4
2000	11	102.7	96.1	102.5	108.3	93.5	92.2	98.2
2001	14	102.4	95.4	100.8	106.4	93.3	92.7	98.9
2002	17	102.9	96.9	101.7	107.8	94.8	96.0	99.6
2003	10	104.6	95.7	103.9	110.2	92.0	94.7	97.8
2004	14	103.4	97.2	102.3	107.6	94.3	95.9	98.5
2005	16	104.6	96.6	103.2	109.2	93.2	95.9	99.2
2006	15	104.3	95.2	102.1	108.4	92.7	95.7	97.1

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

Jaar	Aantal	BA	BZ	KH	BG
1981	14	92.7	96.9	93.3	90.2
1982	27	93.3	98.3	93.5	91.2
1983	38	93.0	98.4	92.7	91.3
1984	63	94.6	97.8	92.0	93.0
1985	84	93.9	97.8	92.2	92.7
1986	159	93.9	100.0	91.5	92.5
1987	288	94.8	99.8	91.6	93.5
1988	365	95.1	99.6	91.6	94.1
1989	383	95.4	99.7	91.9	94.3
1990	444	95.6	99.5	92.6	94.4
1991	352	94.9	100.6	92.1	93.3
1992	261	95.2	100.2	92.4	93.7
1993	316	95.0	102.3	91.9	93.8
1994	361	94.3	103.8	91.2	93.2
1995	201	94.1	103.5	91.0	93.1
1996	116	95.5	101.8	92.3	94.8
1997	57	94.9	102.2	91.4	94.3
1998	25	95.2	103.9	90.4	94.6
1999	27	96.7	101.3	93.2	95.9
2000	11	96.5	103.6	92.5	95.8
2001	14	96.1	102.6	92.8	95.6
2002	17	99.1	100.7	96.0	97.7
2003	10	97.2	102.8	93.3	97.5
2004	14	97.9	101.8	95.1	97.6
2005	16	97.6	102.9	93.3	97.9
2006	15	99.0	101.7	95.3	98.6

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1981	14	98.3	96.6	98.4	100.3	101.2	96.4	95.1
1982	27	100.4	97.3	97.0	102.3	102.0	96.2	95.3
1983	38	100.6	97.1	96.5	101.7	101.6	97.2	95.7
1984	63	100.3	96.1	99.6	100.0	99.9	96.2	94.8
1985	84	100.8	96.7	99.3	100.6	101.4	97.6	95.9
1986	159	101.6	97.3	98.2	100.3	101.6	97.3	95.9
1987	288	101.6	97.6	99.4	100.5	102.1	97.3	96.3
1988	365	101.4	97.5	99.7	100.7	102.1	97.4	96.1
1989	383	101.1	97.7	99.6	100.7	101.9	97.2	96.1
1990	444	101.1	97.8	98.7	101.1	101.4	96.6	95.5
1991	352	101.4	97.4	98.5	100.9	101.8	96.5	95.3
1992	261	102.1	97.9	98.0	101.4	102.2	96.9	95.9
1993	316	102.7	98.9	97.6	101.6	101.6	97.5	96.9
1994	361	103.1	99.5	96.9	101.4	101.0	98.1	97.3
1995	201	103.0	99.9	97.6	101.1	101.5	98.5	97.8
1996	116	102.1	101.5	97.4	99.6	102.0	98.5	98.9
1997	57	102.7	100.6	97.7	100.7	103.2	99.1	98.7
1998	25	102.4	101.5	97.8	99.9	103.9	100.1	99.8
1999	27	102.7	100.1	98.4	101.3	104.6	99.6	98.8
2000	11	104.0	102.0	99.6	101.5	105.5	101.2	100.8
2001	14	101.9	100.4	98.7	102.0	104.6	100.6	99.3
2002	17	103.0	99.8	99.2	102.6	105.2	100.1	99.2
2003	10	105.3	102.8	95.9	103.2	107.4	102.5	102.2
2004	14	103.9	103.0	96.9	103.8	106.1	101.8	101.6
2005	16	103.9	103.6	96.9	103.0	106.7	102.3	102.2
2006	15	103.8	103.1	99.0	102.4	108.2	101.9	101.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	14	88.9	94.4	99.9	88.6	93.7	89.9
1982	27	90.1	96.3	101.6	89.9	92.9	91.9
1983	38	90.4	95.6	101.4	89.8	93.0	91.7
1984	63	91.1	96.6	100.0	91.1	95.5	92.2
1985	84	90.2	95.9	101.0	90.6	94.0	92.1
1986	159	89.7	95.6	101.3	90.7	92.9	92.0
1987	288	90.7	97.0	101.5	91.8	93.4	93.2
1988	365	90.7	97.0	101.6	92.4	93.8	93.6
1989	383	90.8	96.8	101.3	92.7	93.5	93.6
1990	444	91.3	96.9	101.3	92.9	93.8	93.8
1991	352	91.0	96.2	101.4	91.8	92.7	93.2
1992	261	91.6	97.4	102.0	92.4	92.8	94.2
1993	316	92.5	98.3	102.1	92.2	92.3	94.5
1994	361	93.2	99.0	102.0	91.5	92.2	94.4
1995	201	93.4	99.4	102.1	91.4	92.8	94.5
1996	116	94.6	100.0	101.3	93.2	93.6	95.4
1997	57	94.3	99.8	102.5	92.7	93.9	95.7
1998	25	94.6	100.3	102.6	92.7	93.8	95.8
1999	27	94.7	99.6	103.3	94.6	94.4	97.3
2000	11	94.3	100.7	104.2	94.5	94.1	97.8
2001	14	94.4	99.4	103.4	94.2	94.6	96.8
2002	17	97.1	101.5	104.2	96.8	96.3	99.9
2003	10	95.9	100.8	106.0	96.0	94.1	99.9
2004	14	96.6	100.9	105.2	96.2	96.0	99.7
2005	16	97.1	101.3	105.3	96.2	95.6	100.1
2006	15	95.1	99.8	105.5	97.3	94.1	100.0

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	43	101.9	102.0	101.4	102.3	100.6	101.6	94.7	102.0
1981	69	102.6	99.9	100.4	100.3	100.6	101.6	95.0	100.3
1982	86	101.6	99.8	99.8	99.7	100.2	101.4	95.8	99.7
1983	127	101.8	100.3	100.4	100.6	100.5	101.8	95.1	100.6
1984	201	101.9	100.8	100.7	101.3	100.9	101.6	95.2	101.1
1985	259	101.6	100.7	100.7	101.2	100.9	101.9	95.4	101.1
1986	428	101.4	100.3	100.5	100.9	100.9	101.9	96.2	100.8
1987	696	102.0	99.9	100.4	100.6	101.1	102.4	96.7	100.6
1988	725	101.9	100.1	100.4	100.7	101.2	102.5	96.6	100.7
1989	674	101.5	99.9	100.0	100.3	100.7	102.2	96.3	100.2
1990	750	101.5	100.5	100.5	101.0	101.3	102.6	96.7	100.8
1991	625	101.3	100.0	100.2	100.5	101.1	102.6	97.5	100.4
1992	489	101.0	99.8	99.9	100.1	100.6	102.4	98.2	100.0
1993	603	100.8	99.6	99.5	99.7	100.6	102.7	98.6	99.6
1994	725	100.6	99.2	99.2	99.2	100.5	102.8	98.8	99.1
1995	435	100.2	99.0	98.8	98.8	100.1	102.6	99.2	98.7
1996	271	100.4	98.4	98.8	98.4	100.1	102.3	99.9	98.5
1997	132	100.2	98.2	98.7	98.2	100.0	102.6	100.0	98.4
1998	54	99.6	98.4	98.5	98.2	99.5	102.5	100.4	98.2
1999	60	100.0	98.0	98.4	98.0	99.7	102.4	100.5	98.1
2000	33	99.7	98.3	98.4	98.3	99.4	101.7	100.7	98.2
2001	28	99.7	97.8	98.4	98.2	99.7	101.7	100.8	98.2
2002	33	99.9	97.5	98.5	97.7	99.7	101.7	101.2	97.9
2003	33	97.4	98.7	97.5	97.6	98.1	100.9	103.1	97.5
2004	32	97.5	99.2	97.9	98.1	98.2	100.5	103.7	97.9
2005	32	98.6	97.0	97.5	96.8	98.9	101.3	103.1	97.0
2006	22	98.1	97.0	97.2	96.6	98.4	100.6	103.9	96.7
2007	27	96.3	97.9	96.4	96.1	97.2	100.6	105.7	96.1
2008	36	98.0	98.6	97.9	97.7	98.8	101.2	104.0	97.7
2009	35	97.5	98.5	97.8	97.5	98.8	101.5	105.5	97.5
2010	16	98.4	98.4	98.2	97.7	99.4	101.8	104.9	97.9
2011	10	98.5	98.9	98.3	98.5	99.8	100.5	104.3	98.4
2013	21	99.0	95.9	97.0	96.0	99.1	101.3	103.1	96.2
2014	25	98.8	97.5	98.7	97.6	99.7	100.4	104.9	98.0
2015	25	100.3	98.0	99.8	98.7	101.4	102.9	105.2	99.0
2016	15	98.5	97.5	97.9	97.3	99.3	101.1	104.1	97.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	15	98.7	86.6	99.9	103.7	104.4
1982	27	99.0	100.1	100.3	103.8	103.8
1983	38	98.5	96.3	99.1	102.6	103.1
1984	62	97.3	93.4	98.8	102.6	103.5
1985	82	97.9	89.7	98.7	102.5	103.1
1986	157	97.3	95.3	98.2	101.4	102.4
1987	300	97.8	97.7	98.1	101.4	102.0
1988	352	97.7	96.5	98.2	101.3	102.1
1989	354	96.9	97.2	98.2	101.2	102.1
1990	411	97.5	96.8	97.9	100.5	101.4

1991	321	97.9	98.1	98.1	100.9	101.5
1992	260	98.1	98.3	98.4	101.1	101.8
1993	304	99.7	98.3	98.4	101.1	101.1
1994	357	101.0	98.6	98.6	101.3	100.7
1995	204	100.1	99.1	98.6	101.0	100.7
1996	120	100.2	99.1	97.6	99.7	100.3
1997	55	99.1	99.8	98.1	100.0	100.4
1998	26	99.0	99.1	98.4	100.4	100.7
1999	27	97.8	98.0	98.0	99.8	99.9
2000	12	98.2	98.2	99.5	101.1	101.1
2001	14	98.0	98.1	98.0	99.8	99.5
2002	17	99.6	99.9	98.6	99.6	99.9
2004	14	99.1	98.4	98.3	99.5	99.7
2005	17	99.0	99.7	99.3	99.7	99.9
2006	15	99.1	100.7	100.0	100.7	100.8

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	13	-134.2	-309.5	-93.6	105.2	102.0	96.8	88.7	97.8
1981	25	-117.5	-272.6	-68.5	104.6	100.3	99.9	88.6	97.6
1982	41	-101.8	-270.7	39.0	104.3	99.7	101.6	89.9	97.4
1983	79	-126.3	-296.8	-62.9	103.2	100.6	101.4	89.8	97.7
1984	131	-117.3	-320.9	-79.5	103.5	101.1	100.0	91.1	98.3
1985	179	-116.5	-297.5	-103.1	103.2	101.1	101.0	90.6	98.5
1986	347	-120.8	-278.3	-106.0	102.3	100.8	101.3	90.7	98.5
1987	622	-119.3	-274.3	-127.7	101.9	100.6	101.5	91.8	98.1
1988	714	-110.8	-268.4	-112.6	102.0	100.7	101.6	92.4	98.3
1989	674	-114.0	-261.1	-115.1	102.0	100.2	101.3	92.7	98.0
1990	748	-112.6	-263.1	-82.8	101.2	100.8	101.3	92.9	98.1
1991	625	-111.4	-227.7	-86.2	101.4	100.4	101.4	91.8	98.0
1992	486	-101.0	-209.4	-70.6	101.7	100.0	102.0	92.4	98.2
1993	600	-81.8	-159.7	-71.3	101.3	99.6	102.1	92.2	98.3
1994	719	-71.0	-116.7	-54.7	101.1	99.1	102.0	91.5	98.5
1995	432	-67.9	-92.2	-60.2	100.9	98.7	102.1	91.4	98.4
1996	269	-66.7	-85.9	-43.0	100.1	98.5	101.3	93.2	98.8
1997	126	-61.0	-55.2	-76.8	100.2	98.4	102.5	92.7	98.6
1998	54	-54.2	-35.8	-81.8	100.6	98.2	102.6	92.7	98.6
1999	59	-47.5	-22.8	-73.0	99.8	98.1	103.3	94.6	98.7
2000	32	-40.1	-20.8	-105.8	101.2	98.2	104.2	94.5	98.9
2001	27	0.3	86.3	36.5	99.6	98.2	103.4	94.2	98.3
2002	33	-10.9	45.7	10.9	99.7	97.9	104.2	96.8	98.5
2003	31	26.1	76.0	42.5	99.8	97.5	106.0	96.0	98.1
2004	32	12.5	67.5	-2.2	99.5	97.9	105.2	96.2	97.1
2005	28	46.1	186.5	121.3	99.8	97.0	105.3	96.2	97.2
2006	20	66.4	182.8	203.1	100.9	96.7	105.5	97.3	98.0
2007	26	64.1	174.4	138.9	100.2	96.1	105.0	99.5	95.6
2008	25	24.6	110.6	17.2	98.9	97.7	105.6	99.2	97.3
2009	15	55.1	160.4	150.8	99.3	97.5	106.4	99.2	97.2
2010	10	53.9	116.3	172.0	100.2	97.9	111.0	100.5	99.0
2011	10	108.8	214.2	164.4	100.2	98.4	107.3	100.0	98.6
2013	14	88.2	222.5	191.4	99.7	96.2	107.0	98.1	98.3
2014	20	69.8	163.8	129.0	100.2	98.0	104.5	100.0	99.2
2015	15	81.9	176.1	181.8	98.9	99.0	106.4	101.3	98.2

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

Land: VL

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1991	20	92.0	93.2	95.5	93.8	94.9	97.7	100.3
1992	14	91.5	93.8	94.4	92.4	95.9	97.9	100.9
1993	39	92.4	96.3	93.8	92.3	95.5	101.2	100.7
1994	69	92.7	96.4	94.3	92.5	95.5	101.7	100.6
1995	56	93.3	96.2	95.7	93.1	95.6	101.3	100.0
1996	32	94.7	96.4	97.4	94.3	95.9	101.5	99.4
1997	18	93.8	95.6	96.4	94.4	95.7	99.6	100.1
1998	10	94.3	97.0	96.1	94.5	95.7	98.5	99.6
2002	13	95.4	97.1	96.9	95.5	97.6	100.6	99.5
2004	10	97.5	98.3	98.5	97.4	98.9	99.0	101.0
2005	13	98.3	99.8	98.2	97.6	98.7	100.9	101.9
2006	13	96.9	97.8	97.6	97.5	97.5	100.5	101.2

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	12	96.5	98.7	96.5	98.7	97.8	98.1
1983	10	96.0	99.4	96.0	99.4	97.4	99.0
1985	12	98.5	98.8	98.5	98.8	99.5	99.2
1986	20	98.3	98.7	98.3	98.7	99.6	99.0
1987	28	97.1	98.9	97.1	98.9	98.1	98.8
1988	29	97.3	99.2	97.3	99.2	98.9	99.2
1989	24	97.4	99.1	97.4	99.1	98.9	99.0
1990	26	96.4	99.1	96.4	99.1	97.9	98.9
1991	37	96.9	99.4	96.9	99.4	98.5	98.6
1992	27	97.1	99.0	97.1	99.0	98.2	98.1
1993	33	97.8	99.2	97.8	99.2	99.5	98.2
1994	43	97.5	99.4	97.5	99.4	99.2	98.3
1995	34	98.2	98.9	98.2	98.9	100.3	98.1
1996	26	99.0	99.4	99.0	99.4	100.7	98.8
1997	23	99.0	98.8	99.0	98.8	100.5	98.9
1998	17	98.8	99.4	98.8	99.4	100.3	98.8
1999	14	98.7	98.8	98.7	98.8	100.7	98.6
2000	13	99.5	99.9	99.5	99.9	100.8	100.2
2001	14	99.4	98.2	99.4	98.2	101.1	98.6
2002	20	98.8	99.1	98.8	99.1	100.7	99.3
2003	10	99.2	98.7	99.2	98.7	99.5	98.8
2004	19	99.1	97.8	99.1	97.8	100.7	98.4
2005	18	98.7	98.2	98.7	98.2	100.2	98.8
2006	15	99.3	98.1	99.3	98.2	100.5	98.5
2007	12	100.2	97.8	100.2	97.8	102.1	98.3
2008	22	99.4	98.2	99.4	98.2	101.1	98.2
2009	18	100.4	97.7	100.4	97.7	102.0	98.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	18	93.9	104.6	107.3	92.7	92.4	98.3
1982	30	94.1	105.8	106.8	95.2	96.1	99.0
1983	45	94.9	104.2	106.0	94.4	94.6	97.0

1984	78	96.5	103.0	104.4	98.8	97.1	99.7
1985	115	97.6	102.0	103.0	94.1	93.6	95.3
1986	188	96.9	102.2	103.7	98.4	98.1	99.6
1987	303	96.6	102.9	104.3	97.9	98.8	101.2
1988	355	97.5	102.8	103.3	97.2	98.0	100.8
1989	292	96.7	103.2	104.1	97.1	97.7	100.7
1990	365	96.7	103.4	103.9	98.2	98.8	100.4
1991	307	96.5	102.5	104.0	97.6	99.6	101.2
1992	239	96.1	103.1	104.5	98.0	99.5	100.6
1993	275	96.5	102.9	104.3	96.8	97.8	97.8
1994	281	96.5	102.3	104.3	99.1	100.0	99.7
1995	190	95.9	102.9	105.1	100.0	100.9	101.4
1996	95	96.6	103.0	104.5	99.5	100.7	101.5
1997	66	96.7	102.6	104.3	97.2	98.9	99.9
1998	23	97.0	102.0	103.7	99.0	100.4	100.9
1999	30	96.6	102.4	104.6	100.1	99.9	100.4
2000	19	98.3	100.1	102.7	89.9	87.8	89.6
2001	14	96.6	101.2	104.1	99.8	98.9	101.1
2002	23	97.7	101.4	103.2	95.7	95.1	95.8
2003	13	95.5	101.8	105.2	98.8	99.2	99.8
2004	22	97.2	102.6	103.8	98.5	101.6	100.9
2005	20	97.0	102.8	103.9	98.5	102.2	101.8
2006	12	97.5	102.8	103.6	97.4	100.4	101.7
2007	13	97.4	102.5	103.3	96.5	102.6	102.6
2008	20	98.3	102.0	102.7	97.6	102.2	103.5
2009	11	97.3	101.9	103.5	96.8	102.9	103.5
2013	11	96.5	101.8	104.3	96.7	101.4	102.8
2014	13	97.3	101.5	104.0	99.0	100.4	99.2
2015	10	97.1	100.4	103.1	97.8	99.0	99.3

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1982	17	103.8	101.0	98.3	101.9	101.0	100.3	104.5	101.0	100.3	97.5	98.8
1983	27	103.0	99.3	98.2	101.2	99.8	100.7	104.0	100.5	98.9	96.4	98.6
1984	33	105.8	104.3	97.1	102.9	104.8	100.3	105.3	100.8	104.5	99.2	101.3
1985	44	103.6	101.0	96.8	100.5	101.3	98.3	104.2	100.1	101.2	97.7	100.2
1986	88	102.0	99.4	98.1	100.0	99.7	99.2	102.4	100.1	101.9	99.0	99.0
1987	148	102.8	99.4	97.5	100.3	100.2	99.6	103.3	100.0	102.4	99.4	99.3
1988	131	102.2	99.7	97.7	100.4	100.1	99.7	102.8	99.3	102.7	99.9	99.0
1989	130	101.7	98.0	98.5	99.7	98.9	99.2	102.8	98.9	101.0	99.0	99.1
1990	139	101.7	99.5	97.7	100.8	99.1	100.0	102.3	99.4	102.1	99.6	99.4
1991	140	100.4	97.9	98.2	99.4	97.9	99.8	101.2	99.0	101.8	99.6	98.2
1992	126	100.6	97.0	98.5	99.3	97.6	99.5	101.3	99.4	100.9	99.1	98.4
1993	166	101.6	95.7	99.5	99.4	97.7	98.7	102.7	100.0	99.4	99.2	99.2
1994	198	101.9	94.2	100.3	99.4	96.9	98.0	103.3	100.2	98.2	98.9	100.5
1995	137	101.5	93.8	100.5	99.3	95.9	98.5	102.7	100.7	97.9	98.7	100.8
1996	80	101.2	94.8	100.1	99.5	95.8	99.5	102.2	101.1	97.9	98.8	100.9
1997	60	100.6	94.2	100.6	98.9	95.4	99.5	101.5	100.8	98.2	99.1	100.3
1998	30	100.0	94.0	100.7	99.1	95.1	99.2	101.3	100.5	96.9	98.3	99.8
1999	34	99.9	92.8	101.1	98.3	94.6	99.3	101.1	100.7	96.8	98.5	99.2
2000	25	99.8	94.1	100.1	99.8	94.7	99.6	101.0	100.4	97.4	99.1	99.3
2001	21	98.1	92.6	102.1	97.6	94.1	100.3	99.1	100.0	97.2	100.1	98.2
2002	30	98.1	92.8	101.9	97.9	94.0	100.3	99.4	99.4	96.6	98.8	98.3
2003	26	98.3	91.5	102.2	98.1	92.4	100.3	99.5	101.2	96.3	99.5	98.5
2004	28	98.0	92.9	100.4	99.1	92.2	99.7	99.0	101.2	97.0	97.9	99.4
2005	28	97.8	90.7	101.5	98.6	91.4	100.0	98.9	101.2	95.6	98.5	99.3
2006	19	97.8	90.3	102.4	97.4	92.5	100.1	99.3	101.0	94.1	100.5	96.0
2007	23	96.6	90.6	102.0	96.9	89.7	100.7	96.8	102.0	98.3	99.5	98.7

2008	19	97.9	91.8	101.5	98.1	91.9	100.4	98.5	101.5	98.2	99.6	98.7
2009	18	96.8	89.8	102.9	97.3	89.7	100.9	97.5	101.6	99.1	101.8	95.9
2013	16	95.8	92.5	102.2	98.0	90.4	102.5	97.2	98.6	98.2	100.9	97.6
2014	12	95.8	90.5	101.7	96.9	90.6	101.8	96.7	99.8	95.5	99.8	96.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	10	100.5	98.7	101.4
1983	10	100.5	99.0	101.4
1986	17	99.8	97.6	101.9
1987	20	99.5	97.5	101.7
1988	15	100.1	97.5	101.5
1989	13	98.5	97.1	100.9
1990	17	98.6	97.4	101.2
1991	26	99.1	97.4	101.4
1992	19	98.8	97.3	100.9
1993	28	99.5	98.0	101.3
1994	26	99.4	97.8	101.3
1995	28	101.2	99.0	101.5
1996	23	100.7	98.7	101.3
1997	24	101.0	99.0	101.1
1998	17	100.8	98.8	101.4
1999	13	100.6	98.8	101.5
2000	13	99.8	98.5	101.9
2001	15	101.4	99.1	100.9
2002	20	100.5	99.0	100.7
2003	10	102.7	99.9	101.0
2004	19	102.2	99.6	100.8
2005	19	102.7	99.8	100.8
2006	15	102.7	100.1	100.5
2007	13	103.2	101.1	101.3
2008	25	101.5	99.0	100.7
2009	21	102.0	99.1	101.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	27	157.4	1708.1	21.0	22.1
2002	33	-141.1	881.0	-33.7	-20.1
2003	30	165.1	1708.9	32.8	17.8
2004	32	-143.8	310.4	-18.6	-26.7
2005	29	1146.0	5534.0	212.8	152.1
2006	20	1672.5	8457.5	276.6	237.9
2007	26	1215.0	5468.2	221.7	164.5
2008	25	158.5	1239.7	32.3	18.1
2009	16	1200.3	5598.8	213.0	165.0
2010	11	1279.0	6542.8	227.6	173.6
2011	10	1590.2	6769.0	282.6	220.5
2013	15	1733.5	8212.0	278.7	252.9
2014	22	1105.0	5654.8	185.3	155.9
2015	18	1516.3	7408.0	263.9	210.2

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

Jaar	Aantal	Eff	Int	Gewen
1982	10	98.4	102.9	100.8
1986	13	98.5	103.6	99.8
1987	21	99.0	102.7	99.6
1988	15	99.1	104.1	99.5
1989	15	99.7	102.2	99.4
1991	18	99.1	103.3	100.1
1992	11	98.8	101.3	99.9
1993	19	100.4	102.9	99.3
1994	25	100.2	103.4	99.2
1995	17	101.1	101.1	99.7
1996	11	100.6	102.3	99.8
1997	10	99.7	102.9	100.8

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	13	99.2	99.1	0	0.0	0	0.0
1981	25	98.0	99.0	1	-2.0	0	0.0
1982	41	97.5	100.6	2	-1.9	0	0.0
1983	79	97.1	99.3	2	-2.4	0	0.0
1984	131	96.7	98.3	0	0.0	0	0.0
1985	179	96.2	98.5	179	-3.4	0	0.0
1986	347	95.6	98.1	348	-3.2	0	0.0
1987	622	95.5	98.1	622	-3.0	0	0.0
1988	714	95.6	97.8	714	-2.9	0	0.0
1989	674	95.7	98.3	675	-2.9	0	0.0
1990	748	95.3	98.1	748	-2.9	0	0.0
1991	625	95.4	98.3	625	-2.7	0	0.0
1992	486	95.5	98.1	485	-2.5	0	0.0
1993	600	96.6	98.6	600	-1.9	0	0.0
1994	719	96.9	98.9	719	-1.5	0	0.0
1995	432	97.1	99.1	432	-1.3	0	0.0
1996	269	95.5	98.2	269	-1.2	0	0.0
1997	126	96.2	98.5	126	-1.0	0	0.0
1998	54	96.8	98.5	54	-0.8	0	0.0
1999	59	97.3	98.4	59	-0.8	0	0.0
2000	32	96.3	98.9	32	-0.6	0	0.0
2001	27	98.8	98.7	27	0.0	14	95.1
2002	33	98.8	99.6	33	-0.1	17	97.2
2003	31	97.9	99.0	31	-0.0	10	96.0
2004	32	97.3	99.1	32	0.3	14	97.1
2005	28	98.8	99.9	29	1.2	16	97.2
2006	20	99.8	99.5	20	0.8	15	95.5
2007	26	100.3	101.8	25	1.1	2	97.0
2008	25	98.4	100.0	25	0.5	5	97.8
2009	15	99.0	99.4	15	0.9	9	96.3
2010	10	99.5	99.4	11	0.7	2	98.0
2011	10	98.0	100.0	10	1.3	3	98.3
2013	14	99.6	101.4	15	1.3	8	96.8
2014	20	99.0	98.7	22	1.3	8	97.2
2015	15	99.8	99.1	17	1.2	7	97.9

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1985	10	-3139.3	-47.1	-83.9	-143.2	192.2	59.1	-0.6	-486.0
1986	12	-2498.3	-47.2	-70.2	-113.9	126.9	38.5	-0.3	-421.2
1987	27	-2789.3	-48.5	-77.7	-127.3	151.7	45.9	-0.6	-458.6
1988	22	-2834.5	-45.6	-78.8	-129.3	158.6	45.2	-0.5	-457.7
1989	28	-3052.6	-58.7	-85.2	-139.3	165.9	52.7	-0.6	-514.4
1990	27	-2907.5	-47.3	-81.6	-132.6	166.7	46.7	-0.5	-473.6
1991	31	-2760.0	-44.3	-76.2	-126.1	159.5	46.8	-0.8	-443.1
1992	35	-2667.7	-43.6	-73.6	-121.7	147.7	43.6	-0.5	-429.8
1993	30	-2412.3	-40.0	-65.1	-110.1	127.7	40.2	-0.5	-384.1
1994	29	-2232.2	-32.1	-56.7	-101.9	124.5	42.5	-0.5	-330.5
1995	24	-2324.1	-30.8	-60.7	-106.1	131.8	40.8	-0.5	-345.3
1996	26	-2529.2	-35.9	-65.8	-115.4	144.2	46.3	-0.5	-380.0
1997	36	-2539.3	-35.5	-65.1	-115.9	144.1	48.1	-0.4	-376.2
1998	33	-2269.3	-34.5	-61.2	-103.6	121.2	36.8	-0.6	-354.7
1999	46	-2134.8	-20.9	-52.4	-97.5	127.5	41.6	-0.6	-288.1
2000	43	-1978.9	-18.2	-48.5	-89.5	117.7	38.0	0.9	-263.8
2001	43	-2324.5	-25.5	-57.5	-105.1	137.6	45.8	1.4	-320.7
2002	41	-2161.0	-21.2	-53.7	-98.2	129.8	41.5	0.2	-294.0
2003	41	-2156.1	-22.7	-52.4	-92.6	127.9	43.5	9.6	-290.5
2004	35	-2008.7	-16.8	-47.4	-88.3	122.5	41.4	5.5	-256.3
2005	44	-2126.7	-19.3	-50.7	-94.1	128.6	43.7	4.9	-276.5
2006	50	-2158.9	-18.8	-52.3	-97.2	132.2	42.9	1.9	-283.3
2007	59	-2099.7	-13.5	-48.9	-94.6	136.0	45.2	1.6	-257.3
2008	62	-2049.6	-10.8	-46.0	-92.3	134.9	46.0	1.6	-238.9
2009	61	-1927.2	-7.2	-43.0	-88.1	129.8	43.3	-0.5	-217.6
2010	65	-1808.8	-3.2	-38.3	-82.6	125.6	43.4	-0.4	-188.4
2011	55	-1751.8	-1.3	-36.7	-79.8	123.1	42.1	-0.0	-177.0
2012	42	-1947.4	-4.4	-41.2	-88.8	135.5	47.3	-0.0	-204.9
2013	84	-2027.0	-4.1	-42.2	-91.4	144.2	51.4	1.6	-209.1
2014	62	-2035.8	-0.9	-40.8	-96.4	149.1	53.6	-5.8	-198.2
2015	59	-1853.5	2.2	-34.4	-88.1	137.2	52.1	-5.5	-163.0
2016	42	-1713.9	4.1	-34.5	-84.0	128.5	43.5	-8.9	-157.8
2017	29	-1841.3	1.0	-32.5	-92.6	134.5	54.4	-12.8	-159.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1987	14	72.2	81.5	85.3	91.9	89.4	93.9	80.8
1989	10	73.3	81.1	85.1	91.4	88.1	93.4	81.6
1991	12	73.2	81.7	85.1	91.3	89.9	92.4	79.9
1992	14	71.6	81.7	85.5	91.6	89.9	93.7	79.9
1993	17	73.0	81.2	85.3	91.8	89.6	94.2	80.5
1994	14	72.4	81.4	85.1	91.5	90.6	93.8	81.0
1995	14	72.8	81.5	85.0	91.4	90.1	93.0	80.6
1997	10	72.3	81.8	85.2	91.4	89.8	93.1	80.2
1999	14	72.1	82.7	87.2	93.6	90.6	96.4	80.7
2000	12	72.2	82.0	86.1	92.8	90.3	95.3	79.8
2004	11	72.8	81.9	87.4	94.0	89.5	95.4	81.7
2007	10	72.6	83.0	87.4	93.9	90.5	95.3	82.4
2008	11	72.1	83.6	87.1	93.0	91.1	95.2	82.1

2010 15 72.8 82.9 87.7 94.3 90.1 96.5 82.6

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

Jaar	Aantal	BA	BZ	KH	BG
1987	14	107.3	103.6	89.7	109.9
1989	10	106.3	102.9	90.0	109.5
1991	12	106.2	103.2	89.2	108.6
1992	14	108.7	104.1	90.2	111.4
1993	17	108.9	103.6	90.4	111.9
1994	14	108.0	103.1	91.4	111.2
1995	14	108.8	103.2	90.8	112.0
1997	10	107.2	102.9	89.8	109.9
1999	14	109.5	104.4	90.6	112.3
2000	12	110.5	103.8	90.2	113.3
2004	11	110.2	103.8	90.9	113.5
2007	10	109.0	104.0	91.2	112.1
2008	11	107.8	103.6	90.6	110.5
2010	15	108.7	104.3	90.3	111.6

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	14	94.6	95.4	104.0	89.6	96.8	96.4	96.1
1989	10	92.8	95.9	103.1	88.7	95.7	96.8	96.5
1991	12	94.8	94.7	104.2	89.9	96.8	96.2	95.8
1992	14	94.0	95.1	104.5	88.8	96.8	96.4	95.9
1993	17	94.9	96.2	105.4	89.9	97.6	97.1	96.9
1994	14	94.8	95.5	104.8	89.8	97.1	96.5	95.6
1995	14	94.6	96.7	104.9	89.1	96.9	96.6	96.1
1997	10	95.4	95.5	104.2	90.4	96.8	96.0	95.6
1999	14	96.4	97.1	104.1	91.1	98.0	96.1	97.4
2000	12	96.8	98.3	104.6	90.8	98.2	96.8	98.0
2004	11	97.5	98.2	105.5	91.5	99.9	97.8	98.8
2007	10	96.5	96.8	105.5	91.6	98.5	96.4	96.8
2008	11	97.3	96.6	104.5	92.9	98.5	96.5	97.2
2010	15	96.6	96.2	104.3	91.6	98.5	96.7	96.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	14	75.7	77.6	92.4	107.5	0.0	89.3
1989	10	75.4	76.8	91.0	107.0	0.0	88.1
1991	12	74.4	77.6	92.4	106.4	0.0	88.4
1992	14	75.1	77.7	92.1	109.1	0.0	89.9
1993	17	75.4	77.8	93.1	109.6	0.0	90.8
1994	14	75.6	78.3	92.9	109.1	0.0	90.4
1995	14	74.9	77.7	92.5	109.6	0.0	90.2
1997	10	74.9	77.7	93.0	107.4	0.0	89.3

1999	14	77.9	79.6	93.9	110.0	0.0	92.4
2000	12	76.2	78.7	94.0	111.2	0.0	92.4
2004	11	77.8	79.5	95.4	111.1	0.0	93.6
2007	10	78.4	80.1	94.5	109.9	0.0	92.8
2008	11	78.3	79.9	95.2	108.3	0.0	92.1
2010	15	79.1	80.3	94.7	109.4	0.0	92.8

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	11	102.3	106.3	104.0	106.1	104.2	96.1	79.4	105.3
1985	11	102.1	106.5	104.0	106.1	103.9	96.6	80.5	105.4
1986	13	102.4	105.5	104.3	105.8	104.0	97.4	84.2	105.3
1987	30	101.8	105.3	103.5	104.9	103.4	97.2	84.8	104.3
1988	21	102.0	105.6	104.0	105.5	103.9	96.3	83.2	105.1
1989	28	102.1	105.6	103.9	105.4	103.9	97.1	83.5	104.9
1990	27	102.4	105.3	103.8	105.2	103.8	96.6	83.2	104.8
1991	30	102.0	105.2	103.4	104.9	103.4	96.3	82.8	104.4
1992	33	101.8	105.0	103.7	104.8	103.5	96.7	84.5	104.5
1993	31	101.2	104.6	103.0	104.2	103.0	96.7	85.5	103.8
1994	28	101.1	105.2	103.9	104.9	103.3	96.8	87.2	104.7
1995	25	100.6	105.2	103.5	104.7	102.8	97.2	87.9	104.4
1996	24	101.3	104.8	103.5	104.7	103.0	97.7	87.1	104.3
1997	33	101.8	104.6	103.6	104.5	103.1	96.8	86.6	104.4
1998	32	100.9	104.7	103.2	104.2	102.7	96.6	87.4	104.0
1999	41	102.1	102.7	103.2	102.9	103.3	96.7	87.0	103.3
2000	42	101.7	102.8	103.0	102.8	103.0	96.5	86.7	103.1
2001	42	101.5	103.6	103.2	103.6	103.0	96.9	87.2	103.6
2002	38	101.3	103.6	103.0	103.5	102.7	96.1	87.3	103.5
2003	41	101.0	104.5	103.3	104.3	103.0	97.0	88.0	104.0
2004	35	101.5	103.6	103.2	103.4	103.1	95.8	87.1	103.6
2005	44	101.5	104.4	103.7	104.4	103.5	95.8	86.2	104.2
2006	47	101.6	104.3	103.6	104.1	103.4	95.6	85.8	104.1
2007	66	101.6	103.7	103.6	103.8	103.3	95.7	86.2	104.0
2008	60	101.5	103.3	103.4	103.3	102.9	95.4	87.1	103.6
2009	56	100.9	103.9	103.2	103.6	102.5	95.1	87.6	103.7
2010	65	101.1	104.6	103.9	104.4	103.2	95.5	88.5	104.4
2011	55	101.6	104.3	104.0	104.5	103.5	95.7	88.0	104.5
2012	39	102.0	103.8	104.0	104.1	103.5	95.9	88.4	104.3
2013	88	102.2	103.5	103.8	103.9	103.9	95.6	86.4	104.2
2014	68	101.8	103.9	104.0	104.1	103.8	95.5	87.9	104.3
2015	69	101.4	103.9	103.9	104.1	103.5	95.7	89.0	104.2
2016	52	100.9	104.2	103.7	103.9	103.2	95.3	88.4	104.0
2017	34	101.1	104.0	103.9	104.1	103.4	95.5	89.8	104.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1987	12	101.3	76.6	98.0	97.2	97.8
1993	13	100.7	77.8	98.0	97.6	97.5
1994	12	100.0	83.9	97.3	97.1	97.2
1995	12	100.2	75.6	97.0	97.2	98.1
1999	14	103.1	95.6	97.8	97.1	97.5
2000	14	102.9	95.6	97.5	97.1	97.6

2010 10 101.7 31.2 99.6 98.4 97.8

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	11	-89.9	-421.2	-330.8	98.6	105.3	92.2	106.0	100.5
1987	26	-93.6	-458.6	-138.8	97.3	104.3	92.4	107.5	99.7
1988	20	-113.5	-457.7	-120.4	98.5	105.1	92.6	108.2	101.0
1989	28	-115.1	-514.4	-118.2	98.0	104.9	91.0	107.0	100.7
1990	27	-119.7	-473.6	-108.4	97.8	104.8	90.8	107.5	101.2
1991	31	-78.4	-443.1	-100.1	99.0	104.4	92.4	106.4	99.8
1992	35	-79.7	-429.8	-56.3	97.7	104.5	92.1	109.1	100.2
1993	30	-48.5	-384.1	-44.2	97.2	103.8	93.1	109.6	99.2
1994	28	-28.9	-330.5	-27.3	96.8	104.7	92.9	109.1	98.9
1995	24	-26.5	-345.3	20.9	97.5	104.4	92.5	109.6	99.7
1996	26	-47.0	-380.0	-70.0	98.4	104.3	91.5	109.2	99.5
1997	36	-34.8	-376.2	36.7	99.0	104.4	93.0	107.4	100.1
1998	33	-39.8	-354.7	-47.2	97.2	104.0	93.4	108.5	99.5
1999	46	-13.0	-288.1	19.8	97.0	103.3	93.9	110.0	100.4
2000	43	-8.3	-263.8	11.7	97.1	103.1	94.0	111.2	100.6
2001	43	-28.9	-320.7	-38.3	97.5	103.6	93.5	110.8	100.9
2002	41	-18.0	-294.0	-59.5	97.5	103.5	93.1	110.4	100.1
2003	41	-11.7	-290.5	-28.1	97.4	104.0	94.0	110.2	100.5
2004	35	21.1	-256.3	79.0	97.4	103.6	95.4	111.1	100.0
2005	43	14.6	-276.5	95.2	97.2	104.2	94.3	110.0	100.2
2006	50	17.0	-283.3	179.3	98.0	104.1	93.2	106.5	99.6
2007	59	29.7	-257.3	192.2	97.6	104.0	94.5	109.9	100.8
2008	62	26.9	-238.9	192.2	97.4	103.6	95.2	108.3	100.1
2009	59	41.5	-217.6	246.7	97.6	103.7	94.0	110.5	100.3
2010	65	70.8	-188.4	295.6	97.8	104.4	94.7	109.4	101.4
2011	55	77.2	-177.0	300.1	98.4	104.5	95.8	111.4	100.8
2012	42	80.4	-204.9	351.8	98.9	104.3	95.3	109.7	101.7
2013	84	64.6	-209.1	304.1	98.5	104.2	96.0	111.0	101.2
2014	62	72.0	-198.2	290.8	98.6	104.3	99.8	109.0	101.1
2015	59	79.3	-163.0	307.4	98.3	104.2	99.0	108.5	102.9
2016	42	69.3	-157.8	288.9	98.0	104.0	95.8	108.2	102.1
2017	29	74.2	-159.0	307.0	97.2	104.2	0.0	0.0	101.1

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	14	96.9	100.6	96.9	100.6	90.5	104.1
1989	12	98.8	99.8	98.8	99.8	92.1	105.1
1991	12	96.9	99.4	96.9	99.4	90.4	104.0
1992	16	98.2	99.8	98.2	99.8	91.8	105.4
1993	21	97.6	99.0	97.6	99.0	90.6	104.4
1994	23	97.8	98.9	97.8	98.9	91.3	104.0
1995	18	98.2	99.7	98.2	99.7	91.5	104.7
1996	13	99.8	100.2	99.8	100.2	91.9	105.8
1997	19	98.6	100.3	98.6	100.3	91.6	105.3
1998	17	98.2	99.6	98.2	99.6	91.2	104.4
1999	32	97.7	100.6	97.7	100.6	90.6	105.5
2000	20	98.5	100.7	98.5	100.7	90.8	105.6
2001	19	98.5	100.7	98.5	100.7	90.8	105.4

2002	21	98.1	100.3	98.1	100.3	90.7	105.2
2003	15	97.8	101.1	97.8	101.1	91.1	105.5
2004	25	97.1	100.4	97.1	100.4	90.0	105.3
2005	20	98.2	100.2	98.2	100.2	90.8	105.5
2006	26	97.2	96.3	97.2	96.3	90.2	101.2
2007	33	97.8	98.2	97.8	98.2	90.9	102.8
2008	40	97.6	93.3	97.6	93.3	90.4	97.9
2009	23	98.1	101.5	98.1	101.5	91.7	107.3
2010	36	98.5	101.3	98.5	101.3	91.1	106.6
2011	31	97.9	100.6	97.9	100.6	90.5	106.1
2012	17	98.6	96.0	98.6	96.0	91.1	100.7
2013	10	98.7	80.6	98.7	80.6	91.5	85.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	14	116.9	105.3	70.6	67.7	64.6	61.1
1989	13	120.5	105.6	66.2	50.5	47.6	45.9
1990	13	121.2	104.7	64.8	65.6	60.6	59.5
1991	20	120.2	105.7	66.3	42.5	39.9	38.8
1992	23	120.4	105.3	66.4	62.2	57.9	55.7
1993	25	120.3	105.8	66.2	53.6	49.3	48.2
1994	20	119.7	105.3	67.0	81.3	74.8	74.9
1995	19	118.9	104.8	68.1	60.6	55.7	55.1
1996	13	119.2	104.3	68.7	59.6	54.5	53.5
1997	21	117.4	105.2	69.5	68.1	63.0	61.9
1998	15	117.6	105.9	69.0	69.5	65.0	64.5
1999	31	118.2	105.4	68.5	83.6	77.5	73.6
2000	21	117.1	105.3	69.9	64.2	59.4	56.6
2001	23	117.6	104.9	69.4	54.3	50.1	48.3
2002	20	117.5	104.8	69.2	76.5	71.0	68.5
2003	17	116.8	105.5	70.1	50.5	46.4	45.8
2004	25	117.0	106.1	69.6	75.6	71.0	69.3
2005	22	118.4	105.6	67.6	72.2	68.1	66.5
2006	28	117.5	105.6	68.5	60.4	56.9	55.5
2007	44	117.0	106.2	69.1	72.9	68.7	66.8
2008	49	116.1	106.5	70.2	65.1	62.1	60.6
2009	34	115.6	106.9	70.6	61.0	57.5	55.7
2010	54	116.3	106.4	69.6	65.9	62.5	60.7
2011	42	116.4	105.6	69.2	83.9	77.9	75.8
2012	26	115.5	105.8	70.3	54.2	51.0	49.7
2013	28	115.9	106.0	69.8	74.0	69.8	67.1
2014	24	116.2	105.3	69.3	66.5	62.8	60.9
2015	28	115.6	105.7	69.8	73.9	69.2	67.4
2017	13	114.8	105.6	70.7	58.4	53.8	51.8
2018	10	114.9	108.0	70.8	28.5	26.9	26.0

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1987	14	88.1	103.3	92.6	83.1	100.0	97.4	87.6	93.5	101.8	96.7	80.9
1989	12	85.4	102.2	92.2	82.9	97.0	97.9	86.4	90.8	99.2	96.8	79.4
1990	10	85.5	102.1	91.6	82.0	98.0	95.9	86.6	89.6	99.2	95.4	78.9
1991	14	85.0	102.9	91.7	82.8	97.9	97.7	86.2	89.4	100.3	96.5	79.4

1992	17	86.7	102.9	92.6	82.8	98.6	98.2	86.9	91.6	101.0	97.3	80.2
1993	21	85.5	102.2	92.2	82.4	97.3	98.8	86.0	91.1	99.9	97.5	79.4
1994	18	86.1	102.8	91.9	82.6	98.2	98.3	86.6	90.5	100.5	97.4	79.8
1995	17	85.4	102.3	91.0	82.6	96.8	98.1	86.3	90.5	99.6	96.7	79.3
1996	11	84.9	101.8	90.5	82.2	96.5	97.8	86.5	89.3	99.3	96.8	78.7
1997	19	85.4	103.1	91.2	82.5	98.3	96.9	86.4	89.6	100.6	96.1	79.4
1998	14	85.2	101.9	91.8	82.2	97.1	97.8	85.9	90.6	99.2	96.6	79.0
1999	20	86.5	103.0	92.2	82.3	98.7	97.5	85.8	93.5	100.7	96.8	78.7
2000	21	86.2	102.5	92.5	82.4	97.9	98.4	85.7	93.8	100.5	97.6	78.7
2001	15	85.9	102.5	91.9	82.3	97.3	97.7	85.3	93.5	100.1	96.5	78.7
2002	17	86.4	103.2	91.9	82.6	98.2	97.4	85.7	93.4	100.8	96.4	79.1
2003	10	86.5	103.1	92.1	82.7	98.8	97.7	86.5	91.6	100.7	96.7	79.7
2004	13	87.2	101.5	92.5	81.8	99.1	97.9	87.2	92.4	100.3	97.5	79.2
2007	14	86.1	102.0	91.7	82.3	98.0	97.6	86.7	91.4	99.6	96.8	79.4
2008	15	85.7	102.7	92.3	81.7	99.1	96.6	85.6	91.7	100.2	95.6	78.3
2010	12	88.1	102.8	92.9	82.3	100.9	96.9	87.8	92.7	101.2	96.9	79.8

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	12	90.2	88.3	101.8
1989	11	91.5	89.3	99.6
1991	10	92.7	91.0	99.9
1992	16	91.2	89.0	101.6
1993	19	91.6	89.2	99.9
1994	21	91.5	89.2	100.5
1995	14	91.6	89.4	100.0
1996	10	92.1	90.0	100.2
1997	14	92.1	89.7	100.7
1998	14	91.6	89.4	100.4
1999	28	89.1	86.7	100.5
2000	18	89.9	87.7	100.9
2001	17	90.4	88.2	100.4
2002	20	90.7	88.1	100.5
2003	11	92.5	90.2	101.2
2004	22	89.0	86.3	101.3
2005	18	90.0	86.9	101.2
2006	20	88.8	85.8	101.3
2007	33	89.4	86.6	101.5
2008	30	89.0	86.0	101.1
2009	23	90.4	87.8	101.5
2010	34	90.7	87.8	101.9
2011	33	89.1	86.1	101.9
2012	16	90.8	88.1	102.2
2013	14	89.8	86.8	102.2
2014	10	89.4	86.3	102.2

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	40	-1515.0	-10644.4	-131.9	-266.2
2002	38	-1550.4	-10491.2	-140.6	-271.0
2003	40	-1374.5	-9899.8	-113.1	-243.3
2004	34	-638.1	-7205.8	19.7	-141.1

2005	42	-628.9	-7447.8	32.5	-144.6
2006	45	-223.5	-6093.4	114.7	-92.7
2007	56	-33.4	-5655.7	154.1	-68.0
2008	57	38.8	-5488.1	163.8	-56.0
2009	53	481.7	-3712.1	244.4	4.7
2010	62	867.8	-2275.2	311.7	59.6
2011	55	932.6	-1890.1	320.9	69.4
2012	41	1105.3	-1850.8	365.7	88.5
2013	84	806.0	-3076.0	311.4	47.4
2014	62	796.7	-3364.2	314.7	44.3
2015	59	1062.1	-2128.2	347.6	88.2
2016	43	992.1	-1739.3	336.9	75.3
2017	29	1110.3	-1999.9	345.2	100.8

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

Jaar	Aantal	Eff	Int	Gewen
1993	12	96.6	103.0	104.1
1994	16	96.9	103.1	103.6
1997	10	96.4	101.7	104.5
1999	18	97.1	102.9	105.7
2000	13	96.6	103.2	105.2
2001	10	97.1	103.0	105.4
2002	14	96.4	102.6	105.6
2004	14	95.3	102.9	107.3
2005	11	95.8	100.9	108.4
2006	16	95.6	101.2	108.6
2007	21	95.7	101.6	107.6
2008	23	95.7	102.3	107.3
2009	17	95.8	102.5	107.4
2010	22	95.4	103.4	106.9
2011	14	95.2	102.6	106.6
2014	11	95.2	101.9	108.0

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	10	102.4	96.5	10	-7.9	0	0.0
1986	12	102.4	96.7	12	-7.1	0	0.0
1987	27	101.3	95.3	27	-8.2	0	0.0
1988	22	101.2	95.5	22	-6.4	0	0.0
1989	28	101.4	96.1	28	-8.5	0	0.0
1990	27	101.5	97.7	27	-6.8	0	0.0
1991	31	104.0	96.9	31	-8.2	0	0.0
1992	35	102.8	96.3	36	-7.7	0	0.0
1993	30	104.2	95.9	30	-8.6	0	0.0
1994	29	102.4	95.3	29	-7.8	0	0.0
1995	24	102.2	96.2	24	-8.1	0	0.0
1996	26	103.8	97.0	26	-8.5	0	0.0
1997	36	103.6	96.1	36	-8.4	0	0.0
1998	33	102.4	95.5	33	-8.4	0	0.0
1999	46	103.8	95.8	46	-7.4	0	0.0
2000	43	104.2	95.7	43	-7.0	0	0.0
2001	43	103.5	95.6	43	-7.7	8	60.1

2002	41	103.4	94.6	41	-7.8	9	58.8
2003	41	103.7	95.6	41	-7.5	4	61.0
2004	35	105.4	95.4	35	-7.8	11	60.5
2005	44	104.1	95.9	44	-7.7	3	58.3
2006	50	104.2	96.6	50	-7.7	6	57.0
2007	59	104.4	96.1	59	-7.4	10	60.8
2008	62	104.9	95.7	62	-7.2	11	59.8
2009	61	105.5	96.2	61	-6.7	6	60.0
2010	65	105.8	96.6	65	-6.9	15	60.7
2011	55	106.2	96.7	55	-6.6	5	61.0
2012	42	106.2	97.1	42	-7.0	3	59.0
2013	84	106.5	96.8	84	-6.8	2	64.5
2014	62	105.4	96.4	62	-6.9	4	68.5
2015	59	107.0	96.1	59	-6.3	2	72.0
2016	42	106.0	96.0	43	-6.3	4	67.0
2017	29	106.5	96.1	29	-6.8	0	0.0

Tabel: 139 Lakenvelder - zwartbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1992	11	100.6	103.5	100.2	102.6	100.2	97.0	96.1	101.5
1996	10	101.0	104.5	101.0	103.5	100.6	96.4	94.5	102.5
1997	10	101.5	103.0	100.2	102.6	100.6	97.0	94.4	101.5
2003	10	100.2	104.7	100.6	103.5	100.2	96.0	94.7	102.3

Tabel: 140 Verbeterd Roodbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1994	10	93.3	100.6	92.1	95.6	91.3	96.9	81.0	93.6
1995	14	91.3	101.6	90.9	95.4	89.4	95.3	80.7	92.9
1997	10	92.3	101.3	91.5	95.6	90.1	95.6	79.9	93.2
1998	12	92.4	101.5	91.8	96.0	90.5	96.0	81.2	93.7
1999	16	92.9	100.8	91.3	95.4	90.6	95.8	78.3	93.1
2000	14	93.6	101.3	92.6	96.5	91.6	96.4	80.4	94.2
2002	15	93.7	100.8	92.5	96.1	91.7	96.9	80.3	94.1
2003	11	93.2	100.9	92.3	96.0	91.1	96.5	80.3	93.7
2004	10	93.3	101.0	92.4	96.1	91.3	95.7	80.4	94.0
2005	13	92.8	101.2	92.1	96.1	91.2	96.7	81.3	93.8
2007	10	93.8	99.8	91.6	94.8	91.3	96.2	79.4	93.0

Tabel: 141 Verbeterd Roodbont: Geboortekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1999	11	61.9	108.4	131.9	43.2	41.9	42.0
2002	11	60.3	109.7	132.5	68.2	68.6	65.0

Tabel: 142 Verbeterd Roodbont: Vleeskenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1999	10	121.2	166.1	105.4	127.8	144.1	111.4	108.6	101.8	144.5	113.4	116.4
2002	11	123.5	168.5	103.8	128.3	147.7	111.5	110.5	102.3	145.2	113.7	115.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-1745.5	-95.0	-73.8	-89.2	-37.4	-20.2	-19.1	-528.8
1983	11	-2282.2	-108.1	-89.9	-113.8	-15.1	-13.0	-21.5	-629.9
1984	15	-2012.1	-98.7	-80.8	-101.4	-20.0	-14.5	-20.1	-569.1
1985	27	-1978.7	-98.1	-78.9	-99.9	-21.5	-11.9	-20.3	-559.5
1986	27	-2021.0	-100.2	-80.9	-101.8	-23.1	-14.1	-20.3	-572.9
1987	36	-1927.7	-97.7	-80.2	-97.5	-26.3	-19.4	-19.9	-563.2
1988	31	-1818.8	-92.2	-76.9	-92.6	-22.9	-20.0	-19.9	-536.7
1989	32	-1819.9	-96.7	-77.7	-92.7	-33.9	-21.7	-19.8	-549.3
1990	52	-1862.8	-95.2	-76.8	-94.6	-26.1	-16.8	-19.8	-543.5
1991	63	-2118.6	-105.8	-86.2	-106.3	-25.2	-17.2	-20.8	-607.5
1992	61	-2003.6	-102.2	-81.9	-101.0	-28.8	-17.2	-20.2	-580.7
1993	84	-1994.0	-102.3	-81.1	-100.5	-29.8	-15.8	-20.1	-577.5
1994	116	-1919.3	-99.2	-77.9	-97.1	-29.7	-14.9	-19.8	-556.8
1995	109	-1804.1	-95.5	-74.4	-91.9	-32.4	-16.5	-19.4	-533.3
1996	140	-1718.1	-90.5	-71.5	-88.0	-29.6	-16.6	-19.2	-509.5
1997	130	-1609.8	-86.8	-68.6	-83.1	-31.0	-18.6	-18.9	-488.6
1998	145	-1697.2	-89.9	-70.1	-87.0	-30.2	-15.2	-19.1	-502.3
1999	134	-1531.8	-81.9	-65.3	-79.4	-27.6	-17.5	-18.4	-463.6
2000	164	-1504.4	-83.4	-65.6	-78.2	-33.4	-20.2	-18.4	-467.7
2001	160	-1541.0	-87.0	-66.3	-80.0	-37.1	-18.6	-18.9	-478.6
2002	152	-1572.2	-88.3	-67.4	-81.9	-36.9	-18.5	-19.8	-486.2
2003	187	-1528.1	-86.4	-66.0	-78.7	-37.3	-19.1	-17.4	-476.0
2004	218	-1495.2	-86.7	-65.0	-76.9	-40.5	-19.3	-16.7	-471.9
2005	250	-1428.9	-83.6	-62.7	-73.5	-39.8	-19.6	-15.6	-454.8
2006	263	-1499.0	-87.1	-64.6	-77.3	-41.2	-18.2	-17.3	-471.1
2007	248	-1447.5	-85.2	-63.4	-75.0	-41.6	-19.2	-17.0	-461.4
2008	292	-1532.5	-88.2	-64.7	-77.9	-40.5	-16.1	-15.5	-474.1
2009	261	-1488.1	-87.3	-63.1	-74.3	-42.6	-15.9	-12.1	-464.5
2010	317	-1409.0	-84.3	-61.7	-70.2	-42.9	-18.7	-11.1	-451.1
2011	336	-1477.0	-87.8	-63.6	-72.5	-44.5	-17.7	-9.5	-467.1
2012	364	-1418.4	-85.8	-62.1	-69.1	-45.1	-18.9	-7.7	-455.7
2013	344	-1297.6	-80.8	-58.3	-62.9	-44.8	-19.7	-6.3	-427.6
2014	328	-1268.7	-78.7	-57.8	-61.2	-42.8	-20.5	-5.4	-420.7
2015	290	-1276.7	-79.5	-58.0	-60.7	-44.1	-20.8	-3.7	-423.2
2016	256	-1214.3	-77.7	-56.3	-57.8	-45.4	-21.7	-3.6	-411.3
2017	85	-1202.6	-77.4	-56.1	-56.3	-45.5	-22.2	-1.8	-409.5

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1982	10	101.4	104.1	101.8	104.0	101.9	100.4	88.1	103.2
1983	11	98.5	104.0	98.8	102.1	98.2	97.8	86.6	100.5

1984	15	100.0	102.9	99.6	102.0	99.5	99.1	87.2	100.9
1985	28	101.3	103.9	101.0	103.5	101.3	99.8	87.1	102.4
1986	27	100.0	103.8	99.9	102.7	100.0	99.1	87.0	101.4
1987	33	100.6	103.7	100.5	103.2	100.5	99.2	87.2	102.0
1988	32	100.5	103.8	100.3	103.0	100.5	98.8	86.9	101.8
1989	33	100.1	103.4	99.7	102.5	99.9	98.5	86.5	101.3
1990	56	100.6	103.5	100.3	103.0	100.7	99.0	86.8	101.8
1991	68	99.8	104.1	99.9	103.1	99.8	98.6	87.3	101.6
1992	67	100.3	104.3	100.5	103.5	100.6	99.0	87.6	102.1
1993	89	100.6	104.7	101.2	104.0	101.2	99.8	88.3	102.8
1994	122	100.8	104.6	101.2	104.1	101.4	99.6	87.8	102.9
1995	115	101.1	103.8	101.0	103.6	101.4	100.0	88.0	102.5
1996	140	101.3	104.1	101.4	103.9	101.7	100.2	88.4	102.9
1997	136	101.3	104.3	101.6	104.2	101.9	100.1	88.4	103.1
1998	152	102.0	104.2	102.1	104.5	102.6	100.4	87.9	103.6
1999	138	101.8	104.1	102.0	104.2	102.3	100.0	87.8	103.3
2000	175	101.7	104.2	102.0	104.3	102.3	100.2	88.4	103.4
2001	173	101.5	104.2	101.7	104.2	102.0	99.9	88.6	103.2
2002	167	101.4	104.3	101.9	104.4	102.1	100.0	88.9	103.4
2003	202	101.2	104.4	101.8	104.3	101.9	99.8	89.1	103.3
2004	243	101.0	104.3	101.7	104.1	101.7	99.5	89.1	103.1
2005	268	100.9	104.6	101.9	104.4	101.8	99.6	89.5	103.4
2006	284	101.2	104.7	102.2	104.7	102.2	99.9	89.4	103.7
2007	273	101.8	104.6	102.7	104.9	102.8	100.2	89.3	104.1
2008	318	101.1	104.8	102.3	104.8	102.3	99.8	89.4	103.8
2009	302	101.9	104.8	102.9	105.2	103.0	100.3	89.4	104.3
2010	377	102.1	104.4	102.7	104.9	103.0	100.4	89.5	104.0
2011	436	102.0	104.9	103.0	105.2	103.0	100.2	89.4	104.3
2012	424	102.4	104.8	103.2	105.4	103.5	100.6	89.4	104.6
2013	398	102.1	104.7	103.1	105.2	103.3	100.4	89.8	104.4
2014	389	102.2	104.5	103.0	105.0	103.2	100.3	89.7	104.2
2015	348	102.3	104.3	103.0	104.9	103.2	100.5	89.6	104.1
2016	313	101.9	104.1	102.6	104.6	102.7	100.2	89.8	103.8
2017	130	101.9	103.8	102.4	104.2	102.6	100.1	89.5	103.5

Tabel: 145 Witblauw Mixte: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1982	10	-161.3	-528.8	-297.0	103.2	103.2	0.0	0.0	0.0
1983	11	-201.5	-629.9	0.0	104.0	100.5	0.0	0.0	0.0
1984	15	-178.6	-569.1	-89.0	103.4	100.9	0.0	0.0	0.0
1985	27	-163.0	-559.5	-480.0	104.4	102.4	0.0	0.0	0.0
1986	27	-174.1	-572.9	-99.4	104.2	101.4	0.0	0.0	0.0
1987	36	-167.0	-563.2	32.3	103.9	102.0	0.0	0.0	0.0
1988	31	-153.5	-536.7	-5.4	104.8	101.8	0.0	0.0	0.0
1989	32	-157.4	-549.3	99.5	104.9	101.3	0.0	0.0	0.0
1990	52	-159.4	-543.5	82.0	103.7	101.8	0.0	0.0	0.0
1991	63	-180.4	-607.5	50.9	104.0	101.6	0.0	0.0	0.0
1992	61	-163.2	-580.7	89.8	104.6	102.1	0.0	0.0	0.0
1993	84	-163.9	-577.5	100.3	103.5	102.8	0.0	0.0	0.0
1994	116	-154.0	-556.8	143.8	103.7	102.9	0.0	0.0	0.0
1995	109	-146.0	-533.3	134.6	103.9	102.5	0.0	0.0	0.0
1996	140	-131.6	-509.5	165.2	104.0	102.9	0.0	0.0	0.0
1997	130	-124.5	-488.6	130.4	104.0	103.1	0.0	0.0	0.0
1998	145	-122.5	-502.3	156.3	104.3	103.6	0.0	0.0	0.0
1999	134	-96.1	-463.6	154.3	104.1	103.3	0.0	0.0	0.0
2000	164	-104.2	-467.7	159.6	103.9	103.4	0.0	0.0	0.0
2001	160	-113.5	-478.6	160.6	103.3	103.2	0.0	0.0	0.0
2002	152	-113.2	-486.2	158.3	103.5	103.4	0.0	0.0	0.0

2003	187	-99.8	-476.0	178.6	103.7	103.3	0.0	0.0	0.0
2004	218	-104.6	-471.9	178.1	103.5	103.1	0.0	0.0	0.0
2005	250	-95.7	-454.8	189.3	103.2	103.4	0.0	0.0	0.0
2006	263	-98.5	-471.1	187.3	103.0	103.7	0.0	0.0	0.0
2007	248	-94.3	-461.4	173.4	103.1	104.1	0.0	0.0	0.0
2008	291	-101.0	-474.1	175.4	103.0	103.8	0.0	0.0	0.0
2009	261	-93.1	-464.5	168.7	103.4	104.3	0.0	0.0	0.0
2010	317	-90.2	-451.1	160.9	103.5	104.0	0.0	0.0	0.0
2011	336	-95.0	-467.1	159.9	103.1	104.3	0.0	0.0	0.0
2012	364	-94.5	-455.7	154.0	102.9	104.6	0.0	0.0	0.0
2013	344	-89.1	-427.6	150.8	103.3	104.4	106.0	94.0	0.0
2014	328	-92.6	-420.7	162.3	102.8	104.2	0.0	0.0	0.0
2015	290	-97.7	-423.2	160.0	102.7	104.1	0.0	0.0	0.0
2016	256	-94.7	-411.3	161.9	102.9	103.8	0.0	0.0	0.0
2017	85	-89.2	-409.5	159.3	102.5	103.5	0.0	0.0	0.0

Tabel: 146 Witblauw Mixte: Geboortekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	11	73.8	106.7	122.6	10.0	8.4	7.8
1990	10	76.1	105.7	121.3	11.3	8.8	8.5
1992	12	79.9	105.2	118.0	37.8	30.0	27.9
1993	21	78.2	106.0	119.1	22.0	17.2	16.3
1994	20	79.8	105.8	117.8	51.6	40.6	38.3
1995	21	77.7	105.8	119.5	32.8	25.7	24.5
1996	41	78.8	105.3	118.3	50.3	39.6	37.5
1997	35	78.6	105.0	118.7	59.5	45.8	43.7
1998	45	78.9	105.5	118.4	64.2	49.9	47.1
1999	41	79.2	104.5	118.0	91.0	69.9	65.5
2000	75	79.4	105.2	117.9	72.3	56.8	53.0
2001	73	79.7	105.2	117.4	79.4	62.2	57.8
2002	73	79.4	105.4	117.9	92.6	72.2	67.6
2003	105	79.2	105.3	118.1	100.4	78.1	73.2
2004	130	79.3	104.9	118.0	92.9	72.9	68.2
2005	144	79.9	104.3	117.7	102.0	79.2	74.6
2006	160	80.0	104.8	117.7	101.5	78.5	73.8
2007	156	80.1	104.4	117.5	110.2	84.5	79.0
2008	169	79.5	104.7	118.1	104.9	81.4	76.2
2009	234	79.3	105.4	118.2	102.3	78.9	74.1
2010	294	79.1	104.9	118.1	106.7	82.0	77.1
2011	312	79.0	104.8	118.2	105.5	80.8	75.7
2012	341	78.9	105.0	118.2	108.1	82.7	77.2
2013	287	79.3	105.6	117.9	104.2	80.5	75.6
2014	362	79.9	105.2	117.4	102.8	79.2	74.4
2015	358	79.9	104.9	117.3	93.8	72.2	67.7
2016	296	79.9	104.9	117.3	86.7	67.1	62.9
2017	309	80.0	104.7	117.2	76.4	59.0	55.5
2018	276	80.3	105.0	116.9	66.9	51.6	48.7
2019	245	80.2	105.6	117.0	44.3	34.0	32.3

Tabel: 147 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	132.3	100.5	118.8	109.6	105.7	101.8	102.8	123.3	108.7	110.2

2000	19	106.4	129.2	100.3	116.8	108.7	105.7	101.4	102.3	120.8	108.7	107.7
2001	31	108.0	133.0	99.6	121.3	107.4	105.1	103.1	103.0	122.9	108.7	111.3
2002	41	107.2	130.6	100.4	118.4	108.3	105.1	102.3	102.9	121.9	108.2	109.2
2003	80	107.4	131.0	100.8	118.1	109.2	105.2	102.2	102.9	122.1	108.2	109.0
2004	80	107.1	129.3	100.3	117.5	108.3	105.1	102.1	103.0	120.5	107.9	108.1
2005	85	106.8	128.8	100.2	116.8	108.5	104.7	102.1	102.8	120.0	107.7	107.2
2006	107	106.5	128.5	100.4	116.5	108.4	104.5	102.0	102.2	119.9	107.5	107.2
2007	88	107.9	129.9	100.5	117.4	110.0	104.6	103.0	102.4	121.5	108.1	108.6
2008	126	107.4	129.5	100.8	117.1	109.2	104.6	102.7	102.5	120.7	108.0	107.7
2009	120	107.2	129.9	101.4	117.5	109.2	105.5	102.0	102.4	121.8	108.8	108.7
2010	123	106.3	127.2	101.2	116.0	107.6	105.2	101.7	102.4	119.8	108.4	107.4
2011	137	106.0	128.2	101.5	116.8	107.5	105.4	101.4	101.9	120.4	108.6	107.9
2012	116	105.4	127.1	101.9	115.8	106.8	105.5	100.8	102.0	120.1	108.7	107.2
2013	69	105.0	126.0	101.2	115.5	105.8	105.2	100.9	101.7	119.1	108.3	107.1
2014	40	106.1	127.1	101.5	116.2	107.2	105.5	101.6	102.3	120.2	108.9	107.8
2015	15	105.6	124.9	100.9	115.3	105.7	104.7	101.5	102.6	118.3	108.3	106.9

Tabel: 148 Witblauw Mixte: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	133	-1407.2	-3248.7	-280.4	-189.1
2002	125	-1450.0	-3351.6	-288.4	-195.0
2003	160	-1359.1	-3070.1	-272.2	-182.1
2004	173	-1291.5	-2699.3	-263.1	-171.4
2005	208	-1159.5	-2126.2	-239.9	-153.0
2006	216	-1232.6	-2488.9	-255.2	-161.8
2007	212	-1269.4	-2550.9	-259.9	-168.2
2008	241	-1317.4	-2926.0	-271.8	-172.6
2009	201	-1298.1	-2749.3	-271.8	-168.4
2010	266	-1290.9	-2649.0	-267.6	-169.1
2011	298	-1369.4	-2974.5	-284.2	-178.6
2012	317	-1343.1	-2820.3	-279.2	-175.2
2013	277	-1200.8	-2196.8	-253.4	-155.7
2014	252	-1118.4	-1809.0	-235.3	-146.2
2015	199	-1133.7	-1905.9	-238.3	-148.0
2016	175	-1093.4	-1702.4	-230.4	-142.9
2017	56	-1117.3	-1861.2	-235.9	-145.4

Tabel: 149 Witblauw Mixte: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
2013	11	94.4	106.5	101.7

Tabel: 150 Witblauw Mixte: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1982	10	98.6	96.8	0	0.0	0	0.0
1983	11	98.5	94.4	0	0.0	0	0.0
1984	15	99.7	95.1	0	0.0	0	0.0

1985	27	98.4	95.4	0	0.0	0	0.0
1986	27	97.7	95.7	0	0.0	0	0.0
1987	36	99.6	95.9	0	0.0	0	0.0
1988	31	98.1	95.1	0	0.0	0	0.0
1989	32	97.7	95.3	0	0.0	0	0.0
1990	52	98.2	95.3	0	0.0	0	0.0
1991	63	97.5	95.2	0	0.0	0	0.0
1992	61	97.0	95.6	0	0.0	0	0.0
1993	84	97.2	95.1	0	0.0	0	0.0
1994	116	97.0	95.2	0	0.0	0	0.0
1995	109	97.0	95.7	0	0.0	0	0.0
1996	140	97.3	95.9	0	0.0	0	0.0
1997	130	96.8	95.8	0	0.0	0	0.0
1998	145	96.4	95.1	0	0.0	0	0.0
1999	134	96.3	95.2	0	0.0	0	0.0
2000	164	96.6	95.5	0	0.0	0	0.0
2001	160	96.4	95.5	0	0.0	0	0.0
2002	152	97.0	96.0	0	0.0	0	0.0
2003	187	97.3	95.8	0	0.0	0	0.0
2004	218	96.7	95.9	0	0.0	0	0.0
2005	250	97.1	96.1	0	0.0	0	0.0
2006	263	96.9	96.1	0	0.0	0	0.0
2007	248	96.7	95.7	0	0.0	0	0.0
2008	292	96.6	96.3	0	0.0	0	0.0
2009	261	96.6	96.5	0	0.0	0	0.0
2010	317	97.5	96.3	0	0.0	0	0.0
2011	336	97.0	96.8	0	0.0	0	0.0
2012	364	97.4	97.0	0	0.0	0	0.0
2013	344	96.8	96.8	0	0.0	1	100.0
2014	328	97.4	97.3	0	0.0	0	0.0
2015	290	97.3	97.2	0	0.0	0	0.0
2016	256	97.5	97.3	0	0.0	0	0.0
2017	85	97.1	97.5	0	0.0	0	0.0

Tabel: 151 Rood Dubbeldoel: Melkproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	21	-1587.8	-68.6	-63.1	-82.0	4.4	-9.2	-18.7	-427.4
1981	16	-1575.7	-72.8	-63.2	-81.5	-5.2	-10.4	-18.6	-436.4
1982	18	-1635.1	-69.8	-64.3	-84.2	6.7	-8.3	-18.8	-435.3
1983	46	-1764.5	-74.7	-67.4	-90.2	9.0	-4.3	-19.4	-460.2
1984	51	-1906.2	-79.8	-71.5	-96.6	12.3	-2.2	-19.9	-489.9
1985	63	-1925.9	-84.4	-72.8	-97.5	4.2	-3.1	-19.9	-505.0
1986	95	-1995.9	-85.1	-74.1	-100.7	9.6	-0.1	-20.1	-512.9
1987	139	-1927.7	-83.2	-72.3	-97.5	6.6	-1.9	-19.8	-500.5
1988	181	-1853.3	-79.2	-70.1	-94.2	8.3	-2.9	-19.7	-482.0
1989	173	-1806.5	-78.3	-69.5	-92.0	5.3	-5.6	-19.4	-477.1
1990	162	-1709.0	-73.5	-66.5	-87.6	6.5	-6.5	-19.2	-453.4
1991	129	-1634.2	-71.9	-65.3	-84.2	2.8	-9.8	-18.9	-443.8
1992	80	-1696.8	-72.0	-66.1	-87.0	9.5	-6.3	-19.1	-448.4
1993	67	-1583.6	-69.1	-63.1	-81.9	4.1	-8.7	-18.8	-428.4
1994	64	-1456.1	-63.4	-58.9	-76.1	4.2	-9.8	-18.4	-397.4
1995	58	-1476.1	-65.5	-60.6	-77.0	1.2	-12.0	-18.5	-409.1
1996	31	-1624.5	-65.7	-60.0	-83.6	14.9	0.2	-18.6	-409.3
1997	29	-1526.5	-65.6	-58.9	-79.2	5.0	-4.9	-18.4	-403.1
1998	36	-1444.5	-66.7	-58.9	-75.5	-4.2	-10.9	-18.3	-404.3
1999	37	-1394.2	-64.4	-58.0	-73.2	-4.0	-12.8	-18.2	-395.1
2000	31	-1376.6	-62.6	-55.1	-72.4	-1.6	-8.1	-18.1	-379.0
2001	35	-1250.8	-56.8	-52.0	-66.7	-1.7	-10.9	-18.0	-352.6

2002	40	-1345.0	-63.9	-55.1	-51.9	-7.0	-10.2	19.4	-375.9
2003	43	-1318.3	-64.0	-54.9	-41.1	-9.8	-11.8	39.7	-371.7
2004	47	-1122.0	-57.6	-51.0	-32.5	-13.6	-17.8	37.0	-339.8
2005	36	-1236.2	-61.2	-53.6	-36.9	-11.4	-15.2	39.0	-359.5
2006	61	-1096.0	-56.9	-49.5	-31.7	-14.8	-16.8	35.7	-332.0
2007	42	-1166.6	-62.0	-52.7	-34.5	-18.8	-18.2	37.3	-356.8
2008	46	-1044.6	-55.8	-48.7	-31.3	-17.0	-18.7	31.3	-326.4
2009	30	-1283.2	-67.4	-55.4	-40.0	-19.6	-15.5	37.9	-380.8
2010	28	-1036.6	-56.3	-49.4	-33.2	-18.4	-20.4	26.9	-330.8
2011	27	-983.4	-56.6	-46.7	-27.3	-23.3	-19.1	33.6	-318.5
2012	32	-1112.0	-59.1	-49.6	-33.4	-17.4	-16.0	34.5	-337.6
2013	25	-1128.4	-53.9	-49.5	-30.2	-6.8	-14.8	41.8	-325.2
2014	20	-1009.1	-50.5	-46.4	-29.5	-9.9	-16.8	31.9	-304.8
2015	37	-1024.2	-53.7	-47.3	-28.4	-14.8	-17.5	35.5	-315.3
2016	23	-1134.7	-57.0	-48.7	-35.4	-11.5	-12.6	32.7	-330.0

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

Tabel: 152 Rood Dubbeldoel: Exterieurkenmerken bouw
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	10	96.6	95.8	94.5	100.9	94.9	90.6	98.1
1986	14	96.1	94.9	94.0	100.6	94.4	91.9	99.4
1987	18	95.3	94.7	93.8	100.3	94.1	91.3	98.6
1988	23	96.7	95.5	94.9	101.1	94.0	90.7	100.7
1989	34	95.3	95.6	94.3	100.5	94.6	90.6	100.0
1990	43	96.8	95.4	94.2	100.7	94.7	91.2	100.9
1991	21	96.2	95.3	94.7	101.0	94.6	91.5	100.2
1992	14	96.2	96.4	94.1	99.9	96.4	90.7	100.4
1993	16	96.6	95.3	94.6	101.2	94.4	91.6	99.9
1994	16	96.1	97.2	94.9	100.6	96.2	90.5	100.6
1995	15	95.5	96.5	94.5	100.9	95.7	91.4	101.5
1998	12	97.2	96.2	94.8	101.8	96.0	93.2	99.8
1999	11	97.9	96.1	95.5	102.2	94.5	91.7	101.4
2001	10	97.4	96.4	95.5	102.0	95.7	91.9	100.9
2002	14	97.1	96.2	95.6	102.0	95.5	92.6	100.4

Tabel: 153 Rood Dubbeldoel: Exterieurkenmerken beenwerk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	BA	BZ	KH	BG
1985	10	96.6	98.5	95.0	95.0
1986	14	94.6	99.0	93.2	93.5
1987	18	94.9	99.8	92.6	93.8
1988	23	95.3	99.6	93.4	94.0
1989	34	94.7	100.2	93.3	93.4
1990	43	95.1	98.5	94.3	93.8
1991	21	95.2	99.0	94.2	94.0
1992	14	95.6	99.3	95.1	94.3
1993	16	94.6	99.2	93.8	93.2
1994	16	95.0	98.5	94.9	93.4
1995	15	95.2	100.6	93.9	93.7
1998	12	96.9	99.2	95.5	95.7
1999	11	96.5	98.4	95.6	95.3
2001	10	96.7	97.9	96.5	95.3
2002	14	97.7	97.4	97.1	96.3

Tabel: 154 Rood Dubbeldoel: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	10	97.8	94.9	101.2	100.1	96.9	97.0	95.1
1986	14	97.3	93.1	102.1	99.6	97.4	96.6	93.8
1987	18	97.6	94.8	100.7	100.1	97.1	97.2	94.8
1988	23	97.4	94.6	101.6	99.5	96.7	97.3	94.9
1989	34	97.6	94.3	102.3	100.0	96.6	96.3	94.0
1990	43	97.9	94.2	102.2	100.0	97.0	96.5	94.1
1991	21	97.9	96.0	101.9	99.2	97.3	96.7	95.0
1992	14	97.1	93.9	103.6	99.5	96.2	97.6	94.9
1993	16	96.9	92.6	103.4	99.8	96.9	95.6	93.1
1994	16	96.9	93.6	102.9	99.7	96.9	97.2	94.4
1995	15	97.3	93.6	103.0	99.5	96.7	96.1	93.9
1998	12	97.3	95.8	101.2	100.6	97.2	98.2	95.8
1999	11	98.0	96.0	102.0	100.5	97.5	98.5	96.4
2001	10	98.2	96.5	101.6	101.4	97.0	97.9	96.0
2002	14	98.9	97.9	101.4	100.9	97.7	98.5	96.9

Tabel: 155 Rood Dubbeldoel: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	10	90.9	96.3	98.0	94.1	98.4	92.6
1986	14	91.8	95.9	98.0	92.1	98.2	91.7
1987	18	90.8	95.2	98.2	92.6	97.8	91.6
1988	23	92.3	96.8	97.7	92.8	97.9	92.3
1989	34	91.7	96.4	97.8	92.2	98.0	91.6
1990	43	92.4	96.7	98.1	92.5	98.4	92.2
1991	21	92.3	96.8	97.9	92.8	98.4	92.2
1992	14	92.2	97.4	97.4	93.1	99.6	92.3
1993	16	92.1	96.6	97.4	92.0	97.5	91.6
1994	16	92.8	97.9	97.6	92.2	99.5	92.1
1995	15	93.0	97.7	97.4	92.5	98.8	92.2
1998	12	93.2	98.2	98.3	94.6	98.8	93.8
1999	11	93.2	98.0	98.6	94.1	97.9	93.8
2001	10	93.3	98.5	98.7	94.2	98.7	94.1
2002	14	93.6	98.4	99.2	95.3	98.9	94.9

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	93	98.3	105.1	100.5	103.2	98.8	100.6	96.8	102.0
1981	47	97.7	105.4	100.0	103.1	98.6	100.4	95.8	101.7
1982	76	99.1	104.3	100.1	102.8	99.7	101.4	94.0	101.6
1983	112	99.6	105.2	101.3	104.0	100.5	101.8	94.9	102.9
1984	108	99.8	104.1	100.2	102.9	100.3	101.9	93.0	101.8
1985	123	99.5	104.1	100.0	102.8	100.0	101.8	92.4	101.6
1986	147	99.5	103.8	99.6	102.4	99.7	101.6	92.8	101.1

1987	176	98.8	104.2	99.5	102.6	99.3	101.2	93.2	101.1
1988	197	99.6	103.8	100.1	102.6	100.0	101.8	93.3	101.5
1989	185	99.7	104.4	100.5	103.3	100.5	102.0	93.7	102.1
1990	173	99.7	103.9	100.2	102.7	100.2	101.7	93.5	101.6
1991	134	100.1	104.0	100.6	103.1	100.6	101.8	93.7	102.0
1992	86	99.8	104.1	100.5	103.0	100.4	101.9	93.5	101.9
1993	79	99.9	103.5	100.1	102.5	100.3	101.8	93.2	101.4
1994	67	100.1	103.3	100.2	102.6	100.5	102.1	93.1	101.5
1995	64	100.5	103.7	100.8	103.1	101.1	102.1	94.1	102.1
1996	34	100.4	103.9	100.8	103.2	101.1	102.1	93.5	102.1
1997	32	99.8	103.0	99.7	102.2	100.3	101.6	93.1	101.0
1998	38	99.8	103.4	100.0	102.5	100.4	101.3	93.8	101.4
1999	42	100.3	103.1	100.2	102.5	100.8	101.9	93.3	101.5
2000	33	99.8	103.2	99.6	102.2	100.3	101.0	93.2	101.0
2001	35	99.8	103.6	100.3	102.8	100.7	101.6	93.9	101.7
2002	48	99.6	103.9	100.2	102.9	100.6	101.4	94.0	101.6
2003	53	99.9	103.4	100.1	102.6	100.6	101.7	93.2	101.4
2004	64	99.4	103.4	99.6	102.2	100.2	101.6	93.7	101.0
2005	55	99.7	103.4	99.9	102.4	100.4	101.8	93.2	101.2
2006	68	100.0	103.0	99.9	102.3	100.6	101.8	93.6	101.1
2007	55	99.7	103.2	99.6	102.1	100.2	101.5	93.7	100.9
2008	59	100.5	102.8	100.1	102.3	100.7	101.7	93.8	101.4
2009	48	100.2	103.0	100.1	102.3	100.7	101.9	94.5	101.3
2010	35	100.0	103.6	100.4	102.6	100.8	101.5	94.2	101.6
2011	43	100.3	103.2	100.4	102.4	100.8	101.6	94.1	101.5
2012	51	99.7	103.7	100.3	102.6	100.5	101.7	95.4	101.6
2013	43	100.3	103.0	100.3	102.3	100.8	101.8	94.6	101.5
2014	34	99.6	103.4	100.2	102.4	100.3	101.2	94.9	101.5
2015	61	100.0	103.0	100.1	102.2	100.5	101.5	95.1	101.4
2016	33	100.1	103.3	100.5	102.7	100.8	101.8	95.5	101.7
2017	10	100.3	103.0	100.7	102.7	100.9	101.8	94.8	102.0

Tabel: 157 Rood Dubbeldoel: Gebruikskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	11	95.6	0.0	97.1	101.2	103.4
1987	13	95.4	0.0	97.8	102.2	104.3
1988	20	95.0	5.0	97.3	101.5	103.2
1989	30	95.0	3.2	97.5	101.8	103.5
1990	34	94.8	0.0	96.9	101.2	102.6
1991	17	94.2	0.0	97.1	101.2	103.8
1992	10	94.9	0.0	96.8	101.2	102.4
1993	12	96.1	8.2	97.2	101.5	102.9
1994	16	94.2	74.1	96.9	101.5	103.2
1995	15	95.6	92.5	97.7	101.2	104.1
1998	12	96.0	73.2	96.9	100.6	103.2
1999	11	95.3	97.9	97.3	101.0	103.6
2001	10	94.9	98.8	97.7	101.2	102.9
2002	14	93.6	97.8	97.3	100.5	103.3

Tabel: 158 Rood Dubbeldoel: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	20	-143.1	-427.4	0.0	102.6	102.0	99.0	96.0	0.0

1981	13	-153.3	-436.4	0.0	102.5	101.7	98.0	94.0	0.0
1982	18	-155.4	-435.3	0.0	102.6	101.6	98.4	94.0	0.0
1983	45	-152.8	-460.2	0.0	103.4	102.9	98.0	93.0	0.0
1984	50	-168.6	-489.9	-104.5	103.3	101.8	97.9	94.1	98.0
1985	63	-171.8	-505.0	0.0	103.7	101.6	98.0	94.1	0.0
1986	95	-182.4	-512.9	137.2	102.8	101.1	98.0	92.1	0.0
1987	139	-169.6	-500.5	87.0	103.8	101.1	98.2	92.6	0.0
1988	181	-170.1	-482.0	161.8	102.8	101.5	97.7	92.8	0.0
1989	173	-171.7	-477.1	147.8	103.2	102.1	97.8	92.2	0.0
1990	161	-166.0	-453.4	172.5	102.3	101.6	98.1	92.5	0.0
1991	129	-152.3	-443.8	96.2	103.0	102.0	97.9	92.8	0.0
1992	80	-163.0	-448.4	137.4	102.1	101.9	97.4	93.1	0.0
1993	67	-159.1	-428.4	68.4	102.5	101.4	97.4	92.0	0.0
1994	64	-141.2	-397.4	95.2	102.7	101.5	97.6	92.2	0.0
1995	58	-147.4	-409.1	-29.8	103.2	102.1	97.4	92.5	0.0
1996	31	-151.8	-409.3	-143.9	102.5	102.1	98.8	93.8	0.0
1997	29	-151.8	-403.1	-72.6	102.9	101.0	98.4	94.5	0.0
1998	36	-156.0	-404.3	-133.5	102.4	101.4	98.3	94.6	0.0
1999	37	-153.4	-395.1	-238.7	102.8	101.5	98.6	94.1	0.0
2000	31	-145.8	-379.0	-306.0	102.9	101.0	99.4	95.0	0.0
2001	35	-140.1	-352.6	-252.2	102.4	101.7	98.7	94.2	0.0
2002	40	-149.1	-375.9	-273.0	102.3	101.6	99.2	95.3	0.0
2003	43	-152.0	-371.7	-325.9	101.9	101.4	99.0	95.5	0.0
2004	47	-131.1	-339.8	-272.6	102.7	101.0	0.0	0.0	0.0
2005	36	-150.2	-359.5	-306.8	101.6	101.2	0.0	0.0	0.0
2006	61	-134.7	-332.0	-299.5	102.6	101.1	99.0	93.0	0.0
2007	42	-132.4	-356.8	-276.9	102.7	100.9	0.0	0.0	0.0
2008	46	-121.0	-326.4	-244.1	102.6	101.4	100.0	95.0	0.0
2009	30	-151.6	-380.8	-284.9	102.1	101.3	0.0	0.0	0.0
2010	28	-119.9	-330.8	-183.0	103.3	101.6	102.0	93.0	0.0
2011	27	-110.8	-318.5	-211.4	102.3	101.5	0.0	0.0	0.0
2012	32	-122.2	-337.6	-310.5	102.6	101.6	103.0	95.0	0.0
2013	25	-113.5	-325.2	-298.7	103.9	101.5	0.0	0.0	0.0
2014	20	-101.3	-304.8	-230.0	103.4	101.5	0.0	0.0	0.0
2015	37	-116.5	-315.3	-277.4	102.8	101.4	0.0	0.0	0.0
2016	23	-118.0	-330.0	-282.9	103.1	101.7	0.0	0.0	0.0

Tabel: 159 Rood Dubbeldoel: Geboortekennmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1983	18	80.1	107.6	123.1	52.1	46.5	50.3
1984	28	82.1	105.6	121.1	40.9	36.9	38.8
1985	32	80.4	106.8	122.8	71.9	64.7	68.1
1986	45	80.4	107.5	122.6	84.9	77.4	83.2
1987	76	80.1	106.8	122.9	90.0	80.9	85.8
1988	117	79.6	108.3	123.3	84.2	75.5	79.3
1989	102	78.6	107.0	124.9	81.2	72.9	77.8
1990	113	80.5	107.5	122.4	75.1	67.6	72.9
1991	70	84.0	106.0	118.8	83.1	75.5	80.0
1992	56	83.4	106.6	119.9	67.8	61.9	67.7
1993	43	79.3	107.1	123.7	59.5	54.9	59.6
1994	22	81.0	106.4	121.8	83.5	78.0	83.9
1995	16	83.0	105.6	120.0	90.0	82.1	86.6
1996	10	81.7	106.4	121.8	102.5	93.3	99.9
1998	16	82.2	105.2	120.8	76.6	70.1	76.1
1999	22	82.8	105.4	120.2	93.2	85.5	92.4
2000	14	79.6	106.1	123.1	94.9	87.9	94.7
2001	20	83.5	105.5	119.7	93.2	85.2	90.3
2002	28	82.6	104.0	120.3	99.3	90.2	97.0

2003	19	82.4	105.5	120.6	90.9	84.0	89.5
2004	34	83.1	104.6	119.9	96.0	88.3	94.1
2005	13	81.6	106.1	121.3	70.4	65.0	70.2
2006	29	82.4	105.9	120.7	98.2	90.0	97.1
2007	34	84.8	105.3	118.5	100.4	94.0	103.0
2008	31	84.5	104.9	118.6	100.2	93.4	103.2
2009	35	84.2	105.3	118.8	94.7	88.4	97.1
2010	28	84.5	106.3	118.6	100.5	93.3	104.6
2011	25	84.7	105.2	118.6	101.3	93.4	102.5
2012	30	84.8	106.0	118.2	96.9	91.1	99.6
2013	30	87.3	104.9	115.8	101.3	92.7	100.4
2014	23	84.7	105.3	118.3	100.9	93.8	102.3
2015	43	85.3	105.1	117.8	100.9	93.3	101.0
2016	26	86.2	103.8	116.8	101.9	93.4	99.5
2017	33	84.2	105.5	118.9	88.9	82.0	88.4
2018	31	84.0	105.3	119.2	68.6	63.2	67.8
2019	22	85.5	105.0	117.5	70.4	63.5	68.2

Tabel: 160 Rood Dubbeldoel: Vleeskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2002	16	106.2	110.0	95.1	107.6	106.9	102.6	105.3	100.0	107.2	99.9	102.1
2003	15	106.9	113.9	95.4	109.1	108.8	102.8	105.6	100.1	108.8	98.9	103.3
2004	23	104.3	109.6	97.9	105.7	105.3	103.0	103.3	99.3	106.7	99.4	101.1
2006	17	105.4	110.4	96.8	107.4	105.9	102.8	104.0	99.8	108.1	100.2	103.3
2007	24	104.0	106.2	97.9	104.7	104.4	102.6	103.3	99.8	105.5	100.5	101.8
2008	35	104.0	106.9	97.5	105.0	104.3	102.6	103.1	99.7	106.1	100.0	101.9
2009	27	103.4	106.0	97.6	103.9	104.3	102.5	102.3	99.9	105.8	100.1	101.1
2010	14	103.6	105.1	98.9	103.7	104.1	102.6	102.5	100.1	105.8	101.1	101.8
2011	14	104.3	107.1	97.9	104.9	104.9	102.4	103.3	99.9	106.1	100.1	102.2
2012	14	104.2	107.7	96.9	105.6	105.2	102.6	103.3	99.4	107.0	100.1	102.8

Tabel: 161 Rood Dubbeldoel: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	36	-3048.8	-11111.6	-533.8	-433.9
2002	40	-3262.1	-11813.9	-575.4	-459.0
2003	43	-3545.1	-12887.9	-624.2	-497.3
2004	47	-3171.1	-11173.7	-557.1	-446.9
2005	36	-3405.9	-12236.6	-598.6	-479.0
2006	61	-3271.4	-11594.4	-576.4	-460.0
2007	40	-3229.5	-11355.8	-571.2	-453.4
2008	45	-2968.8	-10255.3	-523.8	-418.6
2009	30	-3359.2	-11868.3	-597.7	-469.6
2010	28	-2641.2	-8819.1	-466.8	-373.6
2011	27	-2772.6	-9346.4	-497.4	-387.3
2012	32	-3355.1	-11899.6	-596.1	-469.3
2013	25	-3273.3	-11764.9	-572.0	-461.7
2014	23	-2869.1	-10025.4	-502.6	-405.8
2015	39	-3123.1	-10998.7	-551.8	-438.7
2016	25	-3189.0	-11447.6	-564.1	-447.1

Tabel: 162 Rood Dubbeldoel: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	21	99.5	95.0	0	0.0	0	0.0
1981	16	99.6	94.9	0	0.0	0	0.0
1982	18	99.1	95.7	0	0.0	0	0.0
1983	46	99.3	94.4	0	0.0	0	0.0
1984	51	98.6	95.1	0	0.0	0	0.0
1985	63	99.2	95.8	63	-4.5	0	0.0
1986	95	98.9	95.2	95	-4.6	0	0.0
1987	139	98.6	95.0	139	-4.2	0	0.0
1988	181	98.3	95.1	181	-4.3	0	0.0
1989	173	99.3	95.9	173	-4.2	0	0.0
1990	162	99.3	96.4	162	-4.1	0	0.0
1991	129	98.4	96.3	129	-3.9	0	0.0
1992	80	99.7	97.3	80	-3.9	0	0.0
1993	67	99.0	97.1	69	-3.9	0	0.0
1994	64	99.3	96.2	64	-3.5	0	0.0
1995	58	98.6	94.7	58	-3.6	0	0.0
1996	31	98.1	94.9	31	-3.6	0	0.0
1997	29	99.7	95.7	29	-3.7	0	0.0
1998	36	99.0	96.1	36	-3.7	0	0.0
1999	37	99.6	96.4	37	-3.5	0	0.0
2000	31	99.7	95.7	31	-3.3	0	0.0
2001	35	100.7	95.7	35	-3.2	10	94.1
2002	40	100.1	96.2	40	-3.5	14	93.8
2003	43	99.7	95.7	43	-3.4	2	92.0
2004	47	99.8	96.0	47	-3.0	0	0.0
2005	36	100.4	96.4	36	-3.2	0	0.0
2006	61	100.5	95.9	61	-3.0	1	96.0
2007	42	101.2	96.2	42	-3.1	0	0.0
2008	46	101.0	96.9	46	-3.0	1	94.0
2009	30	101.1	96.4	30	-3.4	0	0.0
2010	28	101.5	96.0	28	-3.0	1	93.0
2011	27	101.2	97.6	27	-2.5	0	0.0
2012	32	101.7	97.6	32	-2.7	1	93.0
2013	25	101.2	97.2	25	-2.5	0	0.0
2014	20	101.0	96.8	20	-2.4	0	0.0
2015	37	100.9	97.5	37	-2.5	0	0.0
2016	23	100.5	96.8	23	-2.7	0	0.0

Tabel: 163 Witrood: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	593	-1462.5	-64.5	-58.9	-76.3	1.5	-9.8	-18.3	-400.0
1981	651	-1577.5	-69.9	-62.9	-81.6	1.0	-9.5	-18.6	-429.0
1982	685	-1548.4	-68.0	-62.3	-80.3	2.4	-10.3	-18.6	-422.3
1983	500	-1593.9	-69.8	-65.2	-82.3	3.0	-13.0	-18.7	-438.6
1984	492	-1665.4	-73.8	-67.5	-85.6	1.6	-12.6	-19.0	-457.6
1985	777	-1610.4	-72.8	-65.1	-83.1	-1.4	-11.2	-18.8	-444.6
1986	1200	-1638.0	-72.8	-65.3	-84.4	1.3	-9.6	-18.9	-445.8
1987	2324	-1592.0	-70.3	-63.8	-82.2	2.1	-9.9	-18.8	-434.1
1988	3293	-1528.9	-68.5	-62.4	-79.4	0.1	-11.5	-18.6	-423.6
1989	3395	-1649.3	-72.0	-65.3	-84.8	4.4	-8.5	-18.9	-444.6
1990	3794	-1535.6	-68.3	-62.5	-79.7	1.6	-11.1	-18.6	-423.8
1991	4290	-1449.8	-65.2	-59.3	-75.8	-0.1	-11.0	-18.4	-403.0

1992	4192	-1395.3	-63.9	-58.0	-73.3	-2.5	-12.3	-18.2	-394.3
1993	4077	-1302.9	-61.0	-55.2	-69.1	-4.8	-13.3	-18.0	-375.3
1994	3695	-1280.8	-58.6	-53.9	-68.0	-2.3	-12.3	-17.9	-364.5
1995	2870	-1136.0	-52.3	-49.5	-61.4	-2.4	-13.7	-17.5	-331.1
1996	1222	-1118.8	-52.0	-48.9	-60.7	-3.3	-13.8	-17.5	-327.8
1997	570	-1035.5	-51.2	-46.0	-56.8	-8.1	-13.8	-17.2	-313.0
1998	403	-988.5	-47.8	-44.6	-54.7	-6.0	-14.4	-17.1	-299.5
1999	359	-877.5	-44.6	-41.3	-49.6	-9.2	-15.7	-16.9	-278.0
2000	306	-840.3	-44.0	-40.6	-47.9	-11.0	-16.8	-16.8	-273.5
2001	295	-730.3	-40.1	-37.4	-42.8	-12.2	-17.8	-16.3	-250.4
2002	226	-806.1	-42.4	-39.1	-43.3	-10.4	-16.1	-11.1	-262.3
2003	169	-709.3	-42.4	-36.9	-28.9	-17.9	-18.3	7.1	-249.2
2004	209	-758.3	-42.3	-37.3	-31.4	-14.0	-15.9	6.7	-251.4
2005	241	-798.6	-46.0	-38.5	-34.0	-17.5	-15.5	5.4	-264.9
2006	247	-705.8	-42.2	-35.5	-30.2	-17.4	-15.7	4.3	-243.2
2007	252	-685.7	-44.2	-35.5	-29.6	-22.8	-17.1	3.7	-247.5
2008	237	-675.5	-43.9	-35.3	-29.2	-23.0	-17.4	3.6	-245.8
2009	251	-593.4	-40.7	-31.9	-28.0	-24.2	-16.8	-0.9	-224.9
2010	236	-566.7	-41.0	-31.1	-27.6	-26.4	-16.9	-2.4	-221.9
2011	241	-643.6	-42.9	-33.5	-29.5	-24.3	-16.5	0.4	-236.3
2012	244	-632.1	-41.8	-32.7	-27.8	-23.0	-15.6	2.5	-230.2
2013	265	-701.3	-44.8	-35.0	-31.5	-23.3	-15.7	1.6	-247.1
2014	268	-655.8	-44.4	-34.3	-29.1	-26.0	-16.9	2.2	-242.5
2015	253	-692.1	-44.3	-35.5	-29.3	-23.0	-16.9	4.8	-247.6
2016	256	-652.6	-43.9	-34.8	-26.1	-25.1	-18.2	7.3	-242.9
2017	72	-619.8	-41.2	-32.5	-26.1	-23.0	-16.2	4.3	-227.7

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

Tabel: 164 Witrood: Exterieurkenmerken bouw

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	45	95.3	94.5	95.5	101.6	92.6	90.8	97.2
1981	91	94.7	95.4	95.4	101.1	94.4	91.6	97.0
1982	136	95.6	93.6	94.2	101.4	92.2	90.9	95.2
1983	108	95.5	95.1	95.1	101.4	95.3	90.4	96.2
1984	101	97.9	96.1	96.4	103.2	96.4	93.2	98.8
1985	214	97.6	96.2	96.1	102.6	96.8	92.5	98.6
1986	286	98.0	96.8	96.8	103.2	97.4	92.9	99.3
1987	482	97.9	97.0	96.8	103.4	97.6	93.4	99.7
1988	660	97.4	96.8	96.6	103.1	97.7	93.3	99.0
1989	767	97.7	96.9	96.7	103.1	97.8	93.3	99.2
1990	1125	98.4	97.3	96.7	103.4	98.4	93.8	99.3
1991	1306	98.6	97.3	96.6	103.4	98.6	94.3	99.4
1992	1329	98.5	97.4	96.9	103.5	98.6	94.0	99.7
1993	1332	98.4	97.5	97.0	103.6	98.8	93.7	99.6
1994	1105	98.9	98.1	97.4	104.0	99.4	94.1	100.4
1995	771	99.6	97.9	97.6	104.3	99.1	94.2	100.5
1996	246	99.3	98.8	97.9	104.3	100.1	94.0	100.6
1997	102	99.3	98.0	98.3	104.8	98.7	93.6	100.9
1998	43	99.6	99.0	98.1	104.9	100.3	94.7	100.9
1999	26	99.2	97.8	97.2	104.3	99.3	94.8	100.2
2000	23	99.5	97.5	97.8	104.9	99.3	94.6	100.6
2001	19	102.1	98.8	100.5	107.2	98.8	94.8	101.7
2003	10	100.8	97.6	98.4	105.0	98.2	94.4	101.2
2005	11	102.5	98.7	100.3	106.8	99.0	94.5	102.6
2006	12	103.0	98.4	100.8	107.2	98.5	94.7	103.0

Tabel: 165 Witrood: Exterieurkenmerken beenwerk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	BA	BZ	KH	BG
1980	45	92.6	99.1	90.4	91.8
1981	91	93.2	101.4	90.8	92.1
1982	136	92.8	98.9	91.2	91.4
1983	108	94.7	100.3	92.3	93.2
1984	101	95.9	101.0	94.2	94.6
1985	214	96.3	102.2	94.1	94.8
1986	286	96.9	102.2	94.4	95.3
1987	482	96.7	101.7	95.5	95.3
1988	660	96.5	102.3	95.1	95.0
1989	767	96.4	102.5	94.6	94.9
1990	1125	96.5	102.2	96.0	94.7
1991	1306	96.7	102.1	96.2	94.9
1992	1329	96.8	102.6	95.7	95.1
1993	1332	96.6	103.1	95.3	94.8
1994	1105	96.8	103.2	95.6	95.0
1995	771	96.8	102.7	96.0	95.2
1996	246	96.6	103.5	95.9	94.9
1997	102	96.1	104.9	94.2	94.3
1998	43	96.6	104.5	94.8	94.6
1999	26	96.6	103.8	95.3	94.9
2000	23	96.3	104.8	94.2	94.9
2001	19	97.7	103.4	96.2	95.8
2003	10	96.9	103.5	96.1	94.7
2005	11	98.1	104.0	96.2	96.5
2006	12	97.8	104.2	95.7	96.1

Tabel: 166 Witrood: Exterieurkenmerken uier
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	45	97.4	94.1	99.0	99.6	95.0	94.2	93.4
1981	91	97.1	93.7	99.3	98.1	93.6	92.5	92.9
1982	136	97.4	94.2	98.6	99.9	94.8	94.9	93.9
1983	108	96.5	94.0	98.7	99.1	94.0	93.7	93.8
1984	101	97.3	94.8	100.0	100.5	94.0	93.9	94.3
1985	214	97.2	94.8	100.2	100.5	93.7	94.0	94.5
1986	286	98.2	94.5	101.4	101.1	94.1	93.5	94.1
1987	482	97.9	94.2	101.4	101.0	94.2	93.4	93.9
1988	660	97.6	94.6	101.8	100.3	94.2	93.6	94.3
1989	767	97.8	94.2	102.2	100.8	94.2	93.5	93.9
1990	1125	97.8	94.0	101.7	101.2	93.9	93.6	94.2
1991	1306	97.7	94.1	101.0	101.6	93.6	93.6	94.3
1992	1329	97.6	94.4	101.3	101.2	93.5	93.7	94.4
1993	1332	97.8	94.7	101.1	100.6	93.7	94.0	94.6
1994	1105	98.6	94.7	101.1	101.6	93.5	93.6	94.3
1995	771	98.5	94.8	101.1	101.9	93.9	93.5	94.5
1996	246	98.3	94.4	101.5	101.5	93.5	93.4	94.2
1997	102	98.1	94.5	102.2	100.3	95.1	93.7	94.3
1998	43	98.3	95.1	100.6	101.0	92.7	93.0	94.7
1999	26	98.8	95.7	101.0	101.3	94.2	94.4	96.0
2000	23	98.3	95.8	101.6	100.7	95.0	94.0	95.7
2001	19	98.6	95.8	101.0	102.1	94.3	94.2	95.2
2003	10	99.3	95.7	99.5	102.2	96.2	96.1	97.3
2005	11	98.0	96.3	101.0	101.8	93.5	95.3	96.8

2006 12 99.3 96.5 100.7 103.0 94.2 94.9 96.2

Tabel: 167 Witrood: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	45	90.3	95.3	96.7	90.1	97.7	89.3
1981	91	90.9	96.2	95.1	90.7	99.3	89.1
1982	136	88.6	93.8	96.7	89.9	96.7	88.5
1983	108	89.7	96.6	95.5	91.9	98.7	89.8
1984	101	93.3	99.4	96.3	93.6	99.1	92.5
1985	214	92.7	99.3	96.1	93.9	99.5	92.4
1986	286	93.8	100.6	96.8	94.6	100.0	93.7
1987	482	94.3	100.9	96.7	94.7	100.0	93.8
1988	660	93.8	100.5	96.3	94.2	100.1	93.2
1989	767	93.9	100.5	96.6	94.0	100.3	93.3
1990	1125	94.3	101.1	96.5	94.1	100.5	93.5
1991	1306	94.6	101.3	96.5	94.4	100.5	93.8
1992	1329	94.7	101.5	96.3	94.5	100.6	93.8
1993	1332	94.6	101.7	96.3	94.1	100.7	93.6
1994	1105	95.6	102.6	96.9	94.3	100.9	94.4
1995	771	95.7	102.7	97.0	94.6	100.4	94.7
1996	246	96.0	103.4	96.7	94.3	101.3	94.5
1997	102	95.8	102.8	96.8	93.0	100.3	93.7
1998	43	96.7	104.0	96.0	93.7	101.0	94.1
1999	26	95.7	102.7	97.0	94.2	100.1	94.4
2000	23	95.9	103.1	96.8	93.7	100.2	94.1
2001	19	97.8	104.8	97.3	95.2	100.1	96.2
2003	10	96.3	102.7	98.3	94.3	99.5	95.5
2005	11	98.3	104.7	96.6	95.8	100.4	96.3
2006	12	97.9	104.7	98.0	95.0	99.8	96.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2202	102.4	103.3	102.6	103.6	100.9	102.0	98.1	103.3
1981	2116	102.2	102.8	101.7	103.0	100.6	102.9	96.7	102.6
1982	1825	103.7	102.0	102.2	103.0	101.6	102.8	95.0	102.8
1983	1159	103.3	102.4	102.0	103.2	101.6	103.4	95.9	102.9
1984	1015	103.4	102.7	102.3	103.6	101.9	104.2	96.0	103.2
1985	1398	103.3	102.7	102.2	103.4	101.9	103.8	95.4	103.1
1986	1796	103.5	102.4	102.2	103.3	101.9	103.7	95.0	103.0
1987	2722	103.4	102.6	102.3	103.5	102.0	103.3	95.3	103.1
1988	3372	103.5	102.2	102.1	103.2	101.9	103.1	95.1	102.9
1989	3482	103.5	102.4	102.1	103.3	101.9	103.1	95.0	102.9
1990	3884	103.6	102.6	102.4	103.6	102.2	103.1	95.1	103.3
1991	4371	103.8	102.7	102.7	103.9	102.6	103.4	95.6	103.6
1992	4243	103.7	102.6	102.5	103.8	102.5	103.6	95.6	103.4
1993	4161	103.9	102.3	102.5	103.6	102.6	103.5	95.3	103.3
1994	3782	103.8	102.4	102.5	103.6	102.6	103.3	95.4	103.3
1995	2930	103.3	102.5	102.3	103.5	102.4	103.1	95.7	103.2
1996	1255	103.2	102.4	102.1	103.4	102.1	102.9	95.7	103.0
1997	581	102.5	102.3	101.6	103.0	101.4	102.3	96.2	102.5
1998	414	102.9	102.2	102.0	103.1	101.8	102.6	96.0	102.8
1999	364	102.9	102.4	102.2	103.4	102.1	102.7	96.4	103.0

2000	318	103.0	102.7	102.4	103.7	102.3	102.8	96.3	103.2
2001	308	102.9	102.7	102.5	103.7	102.3	103.0	96.8	103.3
2002	240	103.0	102.6	102.5	103.6	102.5	103.0	96.5	103.3
2003	186	102.8	102.9	102.4	103.7	102.3	102.7	96.8	103.3
2004	232	103.1	102.6	102.5	103.7	102.5	102.6	96.7	103.3
2005	270	103.0	102.5	102.5	103.5	102.4	102.5	96.8	103.2
2006	289	102.7	102.5	102.3	103.4	102.1	102.2	96.9	103.0
2007	313	103.1	102.3	102.6	103.3	102.4	102.4	96.3	103.2
2008	307	103.2	101.7	102.3	102.8	102.4	102.3	95.4	102.7
2009	342	102.5	101.5	101.6	102.3	101.6	101.7	95.7	102.1
2010	357	103.0	101.4	102.0	102.4	102.2	102.1	95.8	102.4
2011	365	103.0	101.2	101.8	102.1	102.0	101.9	95.4	102.1
2012	358	102.9	101.6	102.0	102.5	102.1	102.0	95.6	102.4
2013	373	103.1	101.7	102.2	102.8	102.3	102.0	95.7	102.6
2014	352	102.8	101.9	102.2	102.8	102.1	102.1	96.1	102.7
2015	316	102.7	102.1	102.2	103.0	102.1	102.1	96.1	102.8
2016	319	103.1	101.8	102.3	103.0	102.4	102.5	96.1	102.9
2017	95	102.5	101.5	101.7	102.4	101.8	102.0	96.6	102.3

Tabel: 169 Witrood: Gebruikskenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	95.5	0.0	98.9	102.8	104.2
1981	97	95.5	3.2	96.7	101.1	102.7
1982	144	96.5	1.4	98.7	103.5	104.8
1983	108	94.9	1.9	99.1	104.2	105.7
1984	88	95.2	12.7	98.3	102.7	104.9
1985	195	94.9	38.3	98.2	102.4	105.1
1986	271	96.0	34.0	97.7	101.7	104.7
1987	474	95.9	52.2	97.3	101.4	104.4
1988	666	94.9	44.5	97.3	101.2	104.3
1989	754	95.3	39.5	97.1	101.2	104.4
1990	1113	95.3	55.7	97.5	101.5	104.5
1991	1299	96.3	65.7	97.5	101.6	104.4
1992	1293	95.8	66.9	97.7	101.7	104.5
1993	1251	96.0	66.6	97.2	101.2	104.2
1994	1046	96.9	89.4	97.3	101.1	104.0
1995	747	97.0	98.2	97.4	101.3	103.8
1996	235	96.2	94.6	97.5	101.1	103.7
1997	88	96.0	95.3	96.7	100.3	102.7
1998	36	97.1	99.3	96.8	100.8	102.7
1999	24	96.7	93.7	96.8	100.5	102.2
2000	23	95.4	101.9	97.1	100.8	102.8
2001	17	97.1	96.2	96.6	100.4	102.2
2005	11	98.0	103.0	96.7	99.7	102.1
2006	11	96.5	92.8	96.6	99.6	102.0

Tabel: 170 Witrood: NVI met onderliggende kenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	540	-128.6	-400.0	-506.0	104.1	103.3	96.7	90.1	0.0
1981	613	-161.1	-429.0	-417.0	102.2	102.6	95.1	90.7	0.0
1982	668	-139.4	-422.3	0.0	104.7	102.8	96.7	89.9	0.0
1983	499	-131.9	-438.6	0.0	105.7	102.9	95.5	91.9	0.0

1984	492	-137.3	-457.6	-125.0	104.5	103.2	96.3	93.6	0.0
1985	777	-143.3	-444.6	-225.8	104.4	103.1	96.1	93.9	97.0
1986	1200	-140.9	-445.8	-63.2	103.9	103.0	96.8	94.6	0.0
1987	2324	-142.7	-434.1	-45.6	103.5	103.1	96.7	94.7	0.0
1988	3293	-148.4	-423.6	81.8	103.3	102.9	96.3	94.2	0.0
1989	3395	-153.1	-444.6	135.0	103.4	102.9	96.6	94.0	0.0
1990	3794	-146.6	-423.8	95.6	103.6	103.3	96.5	94.1	97.0
1991	4290	-136.2	-403.0	83.8	103.6	103.6	96.5	94.4	101.0
1992	4192	-132.5	-394.3	88.8	103.7	103.4	96.3	94.5	100.0
1993	4077	-131.8	-375.3	93.0	103.2	103.3	96.3	94.1	98.0
1994	3695	-123.9	-364.5	61.0	103.1	103.3	96.9	94.3	0.0
1995	2870	-110.8	-331.1	47.9	103.0	103.2	97.0	94.6	0.0
1996	1222	-118.4	-327.8	6.6	102.9	103.0	96.7	94.3	0.0
1997	570	-124.6	-313.0	-5.1	101.9	102.5	96.8	93.0	0.0
1998	403	-115.1	-299.5	-51.3	102.1	102.8	96.0	93.7	0.0
1999	359	-112.8	-278.0	-87.2	101.7	103.0	97.0	94.2	0.0
2000	306	-104.4	-273.5	-89.1	102.2	103.2	96.8	93.7	0.0
2001	295	-104.3	-250.4	-127.0	101.6	103.3	97.3	95.2	0.0
2002	226	-120.3	-262.3	-212.6	101.1	103.3	96.8	96.0	0.0
2003	169	-112.8	-249.2	-206.8	101.3	103.3	98.3	94.3	0.0
2004	209	-109.8	-251.4	-200.8	101.3	103.3	97.7	95.2	0.0
2005	241	-115.7	-264.9	-198.1	101.2	103.2	96.6	95.8	0.0
2006	247	-108.0	-243.2	-170.6	101.1	103.0	98.0	95.0	0.0
2007	252	-111.6	-247.5	-137.4	100.7	103.2	97.6	97.0	0.0
2008	237	-105.8	-245.8	-100.0	101.0	102.7	97.8	93.3	0.0
2009	251	-93.8	-224.9	-68.0	101.1	102.1	98.7	94.0	0.0
2010	236	-88.2	-221.9	-60.3	101.6	102.4	96.0	92.5	0.0
2011	241	-96.7	-236.3	-81.5	101.6	102.1	97.2	95.2	0.0
2012	244	-91.8	-230.2	-93.2	101.7	102.4	0.0	0.0	0.0
2013	265	-96.5	-247.1	-114.9	101.5	102.6	0.0	0.0	0.0
2014	268	-106.2	-242.5	-160.1	100.2	102.7	96.0	90.0	0.0
2015	253	-104.5	-247.6	-167.5	100.6	102.8	95.5	94.0	0.0
2016	256	-104.1	-242.9	-163.3	100.6	102.9	0.0	0.0	0.0
2017	72	-90.4	-227.7	-106.3	100.7	102.3	0.0	0.0	0.0

Tabel: 171 Witrood: Geboortekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	256	91.3	104.1	114.4	48.8	47.8	49.6
1981	501	90.3	103.8	116.0	84.4	80.0	82.1
1982	677	91.7	104.1	114.8	93.2	89.6	92.3
1983	525	91.7	105.2	115.1	98.1	93.9	97.6
1984	557	89.7	104.8	117.1	100.9	95.3	98.2
1985	929	88.7	106.1	118.4	99.5	93.1	97.7
1986	1314	88.8	105.9	118.2	99.8	93.3	96.9
1987	2245	88.6	105.9	118.5	101.5	95.0	99.8
1988	3355	88.4	106.1	118.8	100.3	95.2	100.4
1989	3909	89.0	105.6	117.9	100.6	95.2	100.0
1990	4448	89.0	105.6	118.0	101.3	95.3	100.1
1991	4892	89.0	105.6	118.3	102.3	95.2	99.2
1992	4608	88.2	105.7	118.9	102.1	95.5	100.1
1993	4055	88.9	105.4	118.0	100.9	95.6	100.4
1994	2319	88.3	105.2	118.7	102.0	95.0	98.9
1995	1467	89.5	105.1	117.3	101.8	94.8	98.9
1996	540	89.1	104.4	117.7	100.8	95.1	99.6
1997	209	87.5	104.8	119.2	97.9	93.4	97.9
1998	113	89.0	104.6	117.8	95.2	89.5	92.8
1999	110	89.1	104.7	117.8	100.6	93.9	98.0
2000	102	89.2	104.4	117.9	97.1	88.4	91.8

2001	93	89.7	104.4	117.4	100.8	92.9	96.1
2002	81	89.3	105.0	117.5	98.3	91.9	95.0
2003	79	89.9	104.2	117.1	99.8	92.6	95.4
2004	114	88.5	103.8	118.6	102.5	93.5	98.4
2005	120	88.6	104.8	118.1	103.5	95.5	99.2
2006	91	89.0	104.1	118.1	101.6	93.2	97.0
2007	168	88.3	104.6	118.5	101.2	93.4	96.1
2008	101	89.0	104.8	118.0	103.3	94.3	97.0
2009	146	88.3	105.7	118.7	95.6	88.1	90.7
2010	152	89.4	105.2	117.7	97.9	89.3	92.1
2011	166	89.3	105.6	117.6	98.7	89.3	92.2
2012	167	88.1	105.7	118.9	98.6	90.3	93.4
2013	170	89.2	105.0	117.8	97.7	88.9	91.9
2014	154	88.5	104.7	118.4	100.8	92.5	95.3
2015	151	88.9	104.5	118.0	102.0	93.7	97.2
2016	145	88.8	105.0	118.0	102.3	94.5	97.6
2017	143	89.0	104.7	117.7	94.8	88.1	91.5
2018	144	88.8	104.7	117.9	89.0	82.0	85.2
2019	110	89.5	105.2	117.3	76.8	71.3	73.8

Tabel: 172 Witrood: Vleeskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1987	13	102.0	109.8	94.4	110.3	104.6	103.4	101.4	99.6	100.4	104.8	94.0
1989	13	99.7	106.6	93.8	111.2	100.8	104.8	98.8	100.8	102.0	109.4	89.3
1990	64	102.5	108.0	94.5	110.5	103.2	103.0	102.3	100.0	100.3	105.5	96.5
1991	198	102.5	108.6	94.7	110.4	103.8	103.0	102.4	99.6	99.4	104.8	96.7
1992	181	102.5	108.9	94.5	109.8	104.1	102.7	102.3	99.3	99.4	104.1	96.8
1993	183	101.7	108.1	94.6	109.7	103.4	103.5	101.3	99.9	100.1	105.5	94.5
1994	295	101.6	107.3	94.9	109.6	102.7	103.7	101.3	100.1	99.9	105.5	94.2
1995	365	101.6	106.7	95.3	108.5	102.8	103.3	101.4	99.8	99.5	104.7	94.7
1996	104	101.5	106.2	95.3	108.8	102.4	103.9	101.2	100.3	100.0	105.3	93.8
1997	66	102.9	106.0	96.6	109.1	102.7	104.3	102.7	101.4	97.9	104.5	94.5
1998	77	102.2	107.7	96.1	109.7	103.0	104.4	101.9	100.4	99.1	105.2	94.8
1999	95	102.1	107.3	96.0	109.6	102.9	104.2	102.1	100.2	98.3	104.7	94.8
2000	121	101.4	106.9	96.6	109.4	102.2	104.6	101.2	100.3	99.0	105.8	93.9
2001	127	101.3	106.3	97.1	109.0	101.9	104.6	101.2	100.3	98.3	105.6	94.2
2002	121	101.2	106.0	97.3	109.0	101.5	104.6	101.0	100.6	98.1	105.9	93.5
2003	123	100.3	106.0	97.1	109.2	100.6	104.9	100.2	100.3	98.7	106.3	93.2
2004	160	101.1	106.4	97.1	108.8	101.9	104.8	100.7	100.5	99.8	106.3	93.6
2005	216	100.9	105.7	97.3	108.3	101.7	104.5	100.5	100.4	99.8	106.2	93.1
2006	203	100.4	105.8	97.4	108.7	101.1	105.0	100.1	100.5	99.4	106.4	92.8
2007	233	99.9	104.7	97.7	108.5	100.1	105.0	99.9	100.4	98.1	106.3	92.5
2008	232	99.9	103.6	98.4	107.5	99.9	104.6	100.0	100.1	97.4	105.9	92.6
2009	251	99.6	104.1	98.5	107.7	99.9	104.8	99.6	100.2	97.6	106.0	92.0
2010	237	98.9	102.4	98.7	106.3	99.1	104.6	99.0	100.1	97.2	106.0	91.3
2011	213	98.8	102.4	98.8	106.7	98.7	104.7	99.0	100.1	97.0	106.3	91.6
2012	183	98.5	102.3	99.2	106.3	98.6	104.7	98.6	100.1	96.9	106.4	91.0
2013	150	98.5	102.9	99.0	107.0	98.3	105.2	98.7	100.2	96.5	106.6	91.3
2014	110	99.0	103.6	99.1	107.5	98.9	105.3	99.2	100.4	96.8	106.6	91.4
2015	30	99.4	103.8	99.6	107.3	99.7	105.7	99.3	100.6	96.9	107.0	91.5
2016	17	99.4	103.5	99.6	106.9	99.8	105.8	99.2	100.9	97.4	106.7	91.6

Tabel: 173 Witrood: Levensproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	290	-2027.6	-6491.9	-359.7	-289.0
2002	225	-2529.7	-8651.2	-447.4	-359.1
2003	169	-2481.0	-8258.7	-443.9	-349.2
2004	209	-2447.6	-8238.1	-437.1	-344.6
2005	240	-2463.1	-8255.1	-443.5	-345.2
2006	245	-2248.6	-7338.5	-406.8	-314.9
2007	252	-2089.8	-6565.1	-384.4	-290.3
2008	237	-1876.5	-5660.8	-346.9	-260.5
2009	247	-1636.0	-4724.6	-308.0	-225.1
2010	236	-1564.7	-4382.5	-298.6	-213.7
2011	241	-1746.6	-5217.3	-327.5	-240.5
2012	244	-1786.1	-5403.1	-334.0	-246.0
2013	265	-1973.2	-6181.6	-366.5	-272.4
2014	269	-2189.2	-6988.7	-404.4	-302.9
2015	253	-2242.6	-7240.4	-410.2	-311.9
2016	260	-2200.9	-7003.4	-404.2	-305.5
2017	75	-1853.3	-5739.6	-342.5	-256.9

Tabel: 174 Witrood: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	593	99.5	96.5	0	0.0	0	0.0
1981	651	98.2	94.5	0	0.0	0	0.0
1982	685	98.7	94.2	0	0.0	0	0.0
1983	500	98.2	94.4	0	0.0	0	0.0
1984	492	97.6	94.3	0	0.0	0	0.0
1985	777	97.9	94.7	777	-3.7	0	0.0
1986	1200	97.3	94.7	1200	-3.5	0	0.0
1987	2324	96.7	94.7	2324	-3.4	0	0.0
1988	3293	96.8	94.6	3293	-3.4	0	0.0
1989	3395	96.8	94.8	3396	-3.6	0	0.0
1990	3794	96.9	95.4	3794	-3.3	0	0.0
1991	4290	97.0	95.8	4290	-3.1	0	0.0
1992	4192	96.6	95.5	4192	-3.0	0	0.0
1993	4077	96.8	95.7	4078	-2.9	0	0.0
1994	3695	96.7	96.0	3696	-2.7	0	0.0
1995	2870	97.0	96.1	2871	-2.5	0	0.0
1996	1222	97.2	95.6	1223	-2.3	0	0.0
1997	570	97.2	95.9	570	-2.2	0	0.0
1998	403	97.2	95.4	403	-2.1	0	0.0
1999	359	97.2	95.2	359	-1.9	0	0.0
2000	306	97.4	95.8	306	-1.9	0	0.0
2001	295	97.5	95.6	295	-1.7	19	100.1
2002	226	97.2	95.9	226	-1.7	9	102.1
2003	169	97.4	95.9	169	-1.6	10	98.1
2004	209	97.5	95.6	209	-1.6	6	99.3
2005	241	98.2	95.9	241	-1.7	11	100.5
2006	247	98.2	96.1	247	-1.5	12	100.6
2007	252	98.9	96.0	252	-1.5	5	101.4
2008	237	99.5	96.4	237	-1.6	6	99.3
2009	251	99.2	96.1	251	-1.4	6	99.8
2010	236	99.0	96.1	236	-1.4	2	98.5
2011	241	98.9	96.3	241	-1.5	4	99.5
2012	244	99.4	96.9	244	-1.5	0	0.0
2013	265	99.0	96.1	265	-1.6	0	0.0
2014	268	98.5	95.5	268	-1.5	1	98.0
2015	253	98.2	95.2	253	-1.6	2	102.5

2016	256	98.2	95.2	256	-1.7	0	0.0
2017	72	97.2	95.4	72	-1.7	0	0.0

Tabel: 175 Witblauw: Melkproductiekenmerken
Basis: Belgisch witblauw
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	129	-2254.2	-104.8	-84.8	-112.5	-9.8	-3.0	-21.1	-601.5
1981	93	-2157.7	-102.8	-83.2	-108.1	-15.5	-8.0	-20.7	-589.6
1982	84	-2382.1	-112.8	-90.7	-118.2	-16.5	-6.6	-21.6	-644.1
1983	105	-2277.2	-109.6	-88.5	-113.5	-19.7	-10.3	-21.2	-627.1
1984	92	-2376.8	-112.7	-91.5	-118.0	-16.8	-8.8	-21.7	-647.0
1985	100	-2382.2	-115.2	-92.6	-118.2	-22.5	-11.1	-21.6	-657.0
1986	114	-2466.1	-118.5	-94.6	-122.1	-21.7	-8.4	-22.1	-673.2
1987	114	-2443.5	-119.4	-94.3	-121.1	-26.4	-9.5	-22.1	-673.6
1988	109	-2502.2	-123.3	-97.0	-123.8	-30.2	-11.4	-22.2	-693.8
1989	111	-2446.0	-121.5	-95.1	-121.2	-31.3	-11.8	-21.8	-681.3
1990	80	-2190.2	-111.2	-87.2	-109.5	-32.1	-14.2	-20.8	-623.9
1991	58	-2362.2	-118.1	-91.9	-117.4	-32.1	-11.1	-21.7	-660.0
1992	26	-2261.8	-110.6	-88.9	-112.9	-23.9	-12.7	-21.5	-630.8
1993	32	-2279.5	-114.4	-89.2	-113.6	-30.6	-11.2	-21.3	-640.1
1994	34	-2278.9	-117.2	-88.4	-113.5	-38.0	-9.5	-21.1	-642.9
1995	33	-2239.2	-115.9	-86.8	-111.8	-39.0	-9.6	-21.3	-632.9
1996	17	-2201.1	-112.9	-85.8	-110.1	-34.5	-9.5	-21.1	-621.7
1997	31	-2005.2	-105.7	-81.4	-101.1	-37.1	-16.4	-20.2	-586.2
1998	19	-2090.0	-110.1	-83.0	-105.0	-39.5	-12.9	-20.7	-602.9
1999	18	-2006.2	-108.1	-80.1	-101.1	-42.4	-13.4	-20.2	-585.8

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	160	98.0	103.9	100.3	102.7	98.3	100.5	118.3	101.6
1981	142	97.6	103.7	99.8	102.3	98.0	100.4	117.9	101.1
1982	121	97.0	103.7	99.3	102.0	97.4	100.0	116.8	100.7
1983	199	96.8	103.5	99.0	101.7	97.2	100.0	116.5	100.4
1984	240	96.7	103.7	99.0	101.8	97.2	99.5	116.1	100.4
1985	283	96.8	103.6	99.1	101.8	97.3	99.8	116.3	100.5
1986	413	97.0	103.6	99.2	101.9	97.5	100.0	116.1	100.6
1987	612	97.7	102.5	99.6	101.3	98.0	101.1	116.4	100.5
1988	820	97.4	102.5	99.5	101.2	97.8	101.0	116.5	100.4
1989	1245	97.1	103.1	99.7	101.7	98.0	100.4	116.4	100.8
1990	1696	97.2	102.6	99.3	101.4	97.9	100.8	115.4	100.4
1991	2128	96.9	102.4	99.1	101.0	97.6	100.2	114.5	100.0
1992	2559	96.7	102.2	99.0	100.8	97.6	100.0	113.1	99.9
1993	2722	96.6	102.1	98.8	100.6	97.5	99.5	113.0	99.7
1994	3185	96.5	101.9	98.6	100.3	97.5	99.4	111.1	99.4
1995	3445	96.5	101.7	98.6	100.2	97.5	99.2	110.5	99.4
1996	3491	96.8	101.5	98.8	100.2	97.8	99.0	109.4	99.4
1997	3470	96.7	101.4	98.7	100.1	97.7	98.9	108.9	99.3
1998	3749	96.8	101.4	98.8	100.1	97.9	98.7	107.7	99.4
1999	4201	96.7	101.3	98.7	100.0	97.9	98.6	106.9	99.3
2000	4306	96.8	101.1	98.8	99.9	98.1	98.6	105.7	99.3
2001	4022	96.9	101.0	98.8	99.8	98.2	98.4	104.3	99.2
2002	4215	97.1	101.0	99.0	99.9	98.5	98.6	103.7	99.3

2003	4454	97.4	100.9	99.1	99.9	98.7	98.7	103.0	99.4
2004	4852	97.4	100.8	99.1	99.8	98.7	98.6	102.2	99.4
2005	4821	97.7	100.8	99.3	99.9	99.0	98.7	101.2	99.5
2006	4955	97.8	100.5	99.2	99.7	99.1	98.8	100.3	99.4
2007	5060	98.1	100.4	99.3	99.6	99.3	98.9	99.4	99.4
2008	6464	98.8	100.5	99.9	100.0	99.7	99.3	101.0	99.9
2009	5870	98.7	100.3	99.8	99.9	99.8	99.8	101.4	99.8
2010	5493	98.8	100.1	99.8	99.7	99.9	100.1	100.6	99.7
2011	5445	99.5	99.9	100.2	99.8	100.5	100.8	100.1	100.0
2012	5393	100.0	99.7	100.4	99.8	100.8	101.1	100.1	100.1
2013	5262	100.0	99.5	100.4	99.7	100.9	101.4	100.1	100.1
2014	5603	100.5	99.3	100.7	99.7	101.2	101.7	100.4	100.2
2015	5378	100.5	99.3	100.6	99.7	101.2	101.8	100.2	100.2
2016	4676	100.6	99.2	100.6	99.6	101.3	102.0	100.3	100.1
2017	2349	100.6	99.1	100.6	99.6	101.3	102.0	100.0	100.1

Tabel: 177 Witblauw: NVI met onderliggende kenmerken
 Basis: Belgisch witblauw
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	121	-200.9	-601.5	0.0	103.3	101.6	0.0	0.0	0.0
1981	81	-198.9	-589.6	0.0	103.9	101.1	0.0	0.0	0.0
1982	80	-218.6	-644.1	-283.0	103.9	100.7	0.0	0.0	0.0
1983	101	-215.6	-627.1	0.0	103.7	100.4	0.0	0.0	0.0
1984	89	-220.2	-647.0	-283.0	104.0	100.4	0.0	0.0	0.0
1985	98	-222.5	-657.0	0.0	103.8	100.5	0.0	0.0	0.0
1986	114	-222.0	-673.2	0.0	103.6	100.6	0.0	0.0	0.0
1987	112	-218.3	-673.6	0.0	104.0	100.5	0.0	0.0	0.0
1988	103	-226.9	-693.8	209.0	104.3	100.4	107.5	95.5	95.0
1989	111	-209.8	-681.3	0.0	104.0	100.8	0.0	0.0	0.0
1990	78	-202.2	-623.9	154.0	104.2	100.4	0.0	0.0	0.0
1991	58	-207.2	-660.0	131.5	103.8	100.0	0.0	0.0	0.0
1992	26	-201.4	-630.8	169.0	104.1	99.9	108.0	94.7	94.0
1993	30	-213.0	-640.1	139.0	104.0	99.7	0.0	0.0	0.0
1994	33	-201.8	-642.9	266.5	103.9	99.4	0.0	0.0	0.0
1995	32	-203.0	-632.9	269.0	104.4	99.4	107.5	94.5	93.5
1996	17	-204.5	-621.7	191.5	103.8	99.4	107.0	95.3	97.0
1997	30	-193.2	-586.2	217.0	104.3	99.3	108.0	95.0	0.0
1998	18	-180.1	-602.9	209.0	104.2	99.4	0.0	0.0	0.0
1999	17	-197.5	-585.8	0.0	103.9	99.3	106.7	95.3	0.0

Tabel: 178 Witblauw: Levensvatbaarheidskenmerken
 Basis: Belgisch witblauw
 Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1987	17	90.9	0.0	90.9	0.0	90.9	0.0
1988	27	90.8	3.6	90.8	3.6	90.3	3.6
1989	35	90.5	0.0	90.5	0.0	90.7	0.0
1990	40	90.8	0.0	90.8	0.0	91.2	0.0
1991	32	90.9	0.0	90.9	0.0	90.7	0.0
1992	46	91.0	0.0	91.0	0.0	91.0	0.0
1993	29	91.1	0.0	91.1	0.0	91.2	0.0
1994	53	91.4	0.0	91.4	0.0	91.4	0.0
1995	40	91.3	2.4	91.3	2.4	91.3	2.4
1996	36	91.2	0.0	91.2	0.0	91.2	0.0
1997	32	91.5	0.0	91.5	0.0	92.0	0.0

1998	33	91.6	0.0	91.6	0.0	92.2	0.0
1999	44	91.3	0.0	91.3	0.0	91.6	0.0
2000	65	91.4	0.0	91.4	0.0	91.7	0.0
2001	40	91.5	0.0	91.5	0.0	91.7	0.0
2002	29	91.3	0.0	91.3	0.0	91.6	0.0
2003	30	90.9	0.0	90.9	0.0	90.9	0.0
2004	33	91.5	0.0	91.5	0.0	92.0	0.0
2005	22	92.3	0.0	92.3	0.0	92.3	0.0
2006	26	92.5	0.0	92.5	0.0	92.7	0.0
2007	18	92.9	5.4	92.9	5.4	93.3	5.3
2008	12	92.2	0.0	92.2	0.0	92.3	0.0
2009	19	92.7	5.1	92.7	5.1	93.5	5.1
2010	22	91.6	0.0	91.6	0.0	91.9	0.0
2011	23	91.8	0.0	91.8	0.0	91.9	0.0
2012	10	91.5	0.0	91.5	0.0	91.7	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	23	100.4	101.9	100.4	4.4	4.5	4.4
1981	25	101.5	102.2	99.4	12.1	12.5	12.6
1982	27	103.5	101.3	97.4	15.4	15.1	15.6
1983	42	102.9	101.6	97.8	39.2	38.5	39.0
1984	50	104.0	101.3	96.9	41.3	40.4	41.0
1985	62	103.1	101.3	97.7	28.3	27.6	28.1
1986	90	104.6	101.5	96.2	36.9	36.0	36.9
1987	130	102.7	101.7	98.0	58.2	56.7	57.3
1988	175	102.7	101.6	98.0	74.3	73.0	74.2
1989	235	103.4	101.2	97.2	77.0	75.9	76.8
1990	332	103.5	101.1	97.0	68.9	67.6	68.4
1991	324	103.8	101.0	96.7	68.5	67.5	68.5
1992	435	103.4	101.0	97.1	68.9	67.8	68.6
1993	424	103.2	100.9	97.3	68.2	67.3	68.4
1994	530	102.9	100.8	97.7	78.2	77.5	78.9
1995	559	102.9	100.7	97.6	75.6	74.4	75.9
1996	618	102.8	100.4	97.8	77.5	76.3	77.7
1997	690	102.5	100.5	98.0	77.9	76.8	78.4
1998	817	102.7	100.0	97.8	84.8	83.3	84.8
1999	910	102.2	100.2	98.2	87.9	86.3	87.4
2000	1100	102.1	100.2	98.3	89.7	88.1	89.2
2001	1032	101.9	100.2	98.5	89.1	87.1	87.6
2002	1282	101.7	100.4	98.7	91.8	89.7	90.0
2003	1307	101.4	100.3	99.0	93.5	91.2	91.9
2004	1670	101.1	100.2	99.4	92.9	90.7	91.7
2005	1826	101.2	100.0	99.2	96.3	94.2	95.4
2006	2246	100.4	100.2	100.1	98.9	96.0	97.1
2007	2577	99.9	100.4	100.7	100.0	96.8	98.0
2008	2843	100.9	100.1	99.6	100.9	98.5	100.3
2009	3358	100.2	100.2	100.3	100.9	98.5	100.1
2010	3801	99.9	100.3	100.3	101.1	98.8	100.4
2011	4051	99.3	100.4	101.3	101.4	98.6	99.9
2012	3979	98.7	100.6	102.1	102.1	98.7	100.5
2013	3547	98.4	100.9	102.5	102.3	99.1	101.9
2014	3560	97.7	101.0	103.7	102.6	99.0	102.4
2015	3411	97.2	101.2	104.4	103.0	99.0	102.8
2016	3450	96.8	101.3	104.9	103.1	99.0	102.8
2017	3113	96.4	101.3	105.3	103.0	98.6	102.2
2018	2732	96.1	101.1	105.8	101.1	96.5	99.7
2019	2319	96.2	100.9	105.7	96.3	91.7	94.6

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	10	94.1	92.9	98.1	95.8	93.6	100.3	99.4	97.5	94.0	100.5	98.5
1981	16	91.9	92.8	97.1	98.3	89.9	102.3	97.6	97.2	93.6	100.6	101.5
1982	13	94.5	94.6	98.5	98.2	93.2	101.2	98.9	99.4	93.6	101.2	98.9
1983	31	93.1	89.7	98.0	93.7	91.9	100.1	98.5	97.5	93.0	100.2	97.5
1984	39	92.3	86.6	97.5	93.4	90.0	100.3	98.5	96.9	91.0	99.2	98.7
1985	47	92.4	87.7	97.7	94.0	90.0	100.7	98.3	97.0	92.1	99.5	99.5
1986	72	93.4	86.3	97.4	92.6	91.0	99.7	99.4	97.6	91.8	98.8	98.5
1987	125	94.1	90.6	98.2	95.6	92.7	101.2	99.0	98.2	93.8	100.7	99.5
1988	185	94.3	90.8	98.1	95.7	92.7	100.9	99.3	98.0	94.2	100.7	100.1
1989	262	94.6	91.7	98.2	96.2	92.7	100.6	99.4	98.9	93.8	100.8	98.9
1990	351	94.3	91.5	98.1	95.8	92.5	100.6	98.7	100.3	93.4	101.1	97.1
1991	377	94.5	91.9	98.3	95.9	92.7	100.1	99.2	99.6	93.6	101.0	97.4
1992	559	94.9	93.6	98.7	96.3	93.5	99.9	99.4	99.6	94.7	101.1	97.4
1993	614	95.5	94.3	98.8	96.6	94.4	99.8	99.8	99.7	95.3	101.2	97.8
1994	848	95.9	95.1	99.0	97.4	94.2	99.8	100.1	100.4	95.4	101.4	97.9
1995	1052	95.7	94.8	99.1	97.0	94.2	100.0	100.0	100.2	95.5	101.4	97.7
1996	1164	96.1	96.1	99.3	97.9	94.7	100.2	100.1	100.6	95.9	101.7	98.0
1997	1288	96.4	96.5	99.3	97.7	95.0	100.0	100.3	100.7	96.5	101.7	98.1
1998	1694	96.2	97.2	99.5	98.1	95.1	100.2	99.9	100.7	96.7	101.7	97.8
1999	2165	96.3	97.9	99.6	98.3	95.6	100.2	99.9	100.7	97.1	101.8	97.6
2000	2649	96.7	98.9	99.9	98.4	96.4	100.1	100.2	100.8	97.7	102.0	97.6
2001	2776	96.9	99.4	100.1	98.5	96.9	100.1	100.2	101.0	98.0	102.0	97.5
2002	3364	96.8	100.0	100.3	98.6	97.0	100.2	99.9	101.0	98.3	102.1	97.3
2003	3744	96.9	100.5	100.5	98.7	97.3	100.3	99.9	101.2	98.7	102.2	97.4
2004	4136	97.1	101.0	100.7	98.8	97.6	100.3	99.9	101.2	99.0	102.2	97.7
2005	4265	97.1	101.5	101.0	98.9	97.8	100.3	99.9	101.1	99.3	102.3	97.7
2006	4419	97.1	102.0	101.1	99.3	97.8	100.3	99.9	101.1	99.6	102.4	97.6
2007	4463	97.0	102.6	101.2	99.5	97.6	100.4	99.8	101.1	99.9	102.4	97.7
2008	5496	96.0	100.9	101.2	98.6	95.2	99.5	99.6	100.6	99.0	102.2	97.0
2009	5093	95.7	102.0	101.4	99.5	94.3	99.9	99.1	100.8	99.7	102.3	98.2
2010	4862	96.2	103.2	101.5	100.1	95.3	100.1	99.3	100.9	100.2	102.3	98.7
2011	4493	95.9	103.5	101.7	100.1	94.5	99.9	99.1	101.1	100.3	102.3	98.5
2012	4264	95.7	103.6	101.9	100.0	94.2	99.9	98.8	101.1	100.4	102.3	98.4
2013	3848	95.5	103.8	102.1	100.1	93.6	99.8	98.6	101.2	100.5	102.3	98.4
2014	3452	95.3	103.5	102.3	100.0	92.9	99.6	98.6	101.2	100.5	102.3	98.5
2015	2037	95.1	103.3	102.7	99.3	93.1	99.7	98.3	101.2	100.6	102.3	98.0
2016	477	95.1	103.0	103.2	98.3	93.7	99.7	98.0	101.2	100.7	102.4	97.0
2017	15	95.3	103.7	103.1	97.7	95.1	100.0	98.1	101.6	100.4	102.3	95.3

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	129	99.7	94.4	0	0.0	0	0.0
1981	93	99.6	94.3	0	0.0	0	0.0
1982	84	100.5	94.7	0	0.0	0	0.0
1983	104	101.2	94.4	0	0.0	0	0.0
1984	92	100.8	94.5	0	0.0	0	0.0
1985	100	101.5	93.7	0	0.0	0	0.0
1986	114	101.1	94.5	0	0.0	0	0.0
1987	114	101.0	95.3	0	0.0	0	0.0

1988	109	100.6	95.3	0	0.0	0	0.0
1989	111	100.7	95.1	0	0.0	0	0.0
1990	80	101.2	97.1	0	0.0	0	0.0
1991	58	100.9	97.1	0	0.0	0	0.0
1992	26	102.1	96.8	0	0.0	0	0.0
1993	32	101.1	97.4	0	0.0	0	0.0
1994	34	101.4	97.3	0	0.0	0	0.0
1995	33	101.8	97.3	0	0.0	0	0.0
1996	17	101.4	96.9	0	0.0	0	0.0
1997	31	102.4	96.2	0	0.0	0	0.0
1998	19	101.5	95.7	0	0.0	0	0.0
1999	18	101.6	95.7	0	0.0	0	0.0

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	20	25.2	-7.7	-10.4	-8.6	-12.8	-17.4	-15.2	-61.8
1989	11	-46.1	-4.3	-13.8	-11.6	-0.8	-18.5	-15.2	-69.3
1990	20	107.0	-4.3	-7.8	-4.8	-13.2	-17.5	-14.9	-42.5
1991	20	59.5	-4.0	-10.7	-7.0	-9.2	-19.4	-15.1	-54.3
1992	32	158.6	-2.6	-8.2	-2.4	-13.6	-21.0	-14.8	-39.9
1993	25	104.9	-6.2	-11.4	-4.8	-15.5	-22.9	-14.8	-61.3
1994	33	253.2	2.5	-4.8	1.9	-13.2	-21.2	-14.7	-13.7
1995	47	63.3	3.6	-8.6	-6.8	1.5	-16.7	-15.2	-29.9
1996	36	56.4	-0.2	-8.9	-7.1	-3.6	-16.9	-15.1	-39.0
1997	48	188.6	0.8	-7.4	-1.0	-11.0	-21.7	-14.7	-29.3
1998	48	139.8	1.5	-6.4	-3.2	-6.5	-17.4	-14.9	-23.9
1999	78	258.2	2.6	-3.4	2.2	-12.8	-19.2	-14.7	-7.9
2000	49	232.9	2.6	-3.3	1.0	-10.9	-17.6	-14.8	-7.7
2001	93	235.9	-0.6	-2.9	1.1	-16.4	-17.2	-14.9	-12.9
2002	81	169.6	-5.0	-5.4	-1.9	-18.8	-17.6	-14.8	-33.4
2003	65	331.6	2.0	-0.4	5.7	-18.6	-18.5	-14.3	4.1
2004	69	412.9	5.4	3.3	9.2	-18.8	-17.4	-14.5	27.6
2005	84	385.0	3.3	1.1	7.6	-20.1	-19.0	-15.0	13.8
2006	120	421.5	4.6	3.3	8.5	-20.6	-17.8	-16.1	25.6
2007	35	702.2	17.8	13.9	23.2	-18.7	-16.7	-13.0	101.4
2008	73	624.7	12.9	10.2	16.9	-20.8	-18.1	-17.0	73.8
2009	87	642.4	16.7	12.0	19.3	-16.7	-16.2	-14.6	90.2
2010	42	465.6	8.2	5.8	11.8	-17.8	-16.3	-14.1	44.5
2011	36	655.0	15.3	11.6	18.3	-19.1	-17.3	-16.9	85.1
2012	35	757.9	23.1	19.1	21.8	-14.4	-12.1	-18.6	133.4
2013	53	1088.3	32.7	25.2	37.9	-20.6	-19.5	-16.4	183.5
2014	40	1042.6	32.9	24.5	35.8	-17.4	-18.3	-16.4	180.2
2015	37	1140.4	34.3	29.2	40.4	-21.0	-16.6	-16.0	203.9
2016	68	1254.3	33.6	29.9	40.9	-28.3	-20.9	-22.0	205.2
2017	20	1335.7	44.0	33.4	42.8	-19.4	-20.2	-24.3	242.3

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	14	104.9	104.1	100.1	98.0	103.6	100.4	92.6
1991	10	104.7	104.3	99.2	97.4	104.4	100.9	92.3
1992	19	105.3	103.2	99.7	98.3	102.6	100.3	92.9

1993	19	105.4	103.4	99.8	98.7	103.3	100.7	93.4
1994	25	105.0	104.5	99.9	97.9	104.2	101.3	92.9
1995	28	104.8	104.6	100.1	98.5	103.9	99.0	92.3
1996	19	105.3	104.4	99.7	97.8	104.9	100.9	92.3
1997	26	105.1	104.2	99.9	98.6	104.2	100.3	92.7
1998	21	104.3	103.8	99.2	97.7	103.2	99.9	92.3
1999	39	104.9	103.4	99.8	98.8	102.8	100.1	92.5
2000	21	104.9	103.8	99.7	97.9	104.0	100.7	93.1
2001	29	104.3	104.8	100.8	98.7	103.8	99.3	92.9
2002	17	104.7	105.2	100.8	98.5	104.9	99.8	92.5
2003	24	105.4	104.7	100.1	97.9	104.2	100.9	93.2
2004	17	105.0	104.9	100.3	98.3	104.2	99.8	93.0
2005	21	105.1	104.5	99.8	97.4	103.6	101.5	92.4
2006	26	105.5	105.3	100.4	97.9	104.6	100.9	93.9
2007	13	105.9	104.9	100.7	99.0	103.9	100.7	94.1
2008	17	105.2	104.5	100.4	98.8	104.2	100.6	92.6
2009	29	105.9	103.9	100.5	98.9	102.8	100.8	94.3
2011	10	105.0	104.3	99.6	97.0	104.1	100.6	93.6
2013	39	105.9	103.8	100.9	99.0	102.6	99.7	94.3
2014	15	106.5	105.7	102.4	99.8	103.6	100.6	94.5
2016	25	105.6	104.5	101.6	100.0	103.2	101.6	94.8
2017	10	105.0	103.7	100.4	98.7	103.2	102.1	93.6

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

Jaar	Aantal	BA	BZ	KH	BG
1990	14	101.0	95.6	106.7	100.6
1991	10	99.7	95.6	107.8	99.3
1992	19	100.8	95.5	106.5	100.2
1993	19	102.2	95.3	107.7	101.4
1994	25	102.8	95.3	108.2	102.1
1995	28	100.8	95.0	108.5	100.5
1996	19	101.8	95.4	108.9	100.9
1997	26	101.2	95.6	107.8	100.3
1998	21	102.2	93.8	108.7	101.8
1999	39	101.4	95.0	107.3	100.8
2000	21	102.0	94.7	108.2	101.5
2001	29	102.4	95.6	108.1	102.1
2002	17	101.8	95.0	108.6	101.3
2003	24	101.3	94.9	108.1	101.2
2004	17	101.2	94.4	108.4	101.2
2005	21	101.4	95.3	107.0	101.2
2006	26	101.3	95.9	107.8	101.2
2007	13	102.4	95.6	108.2	102.4
2008	17	102.5	94.9	109.6	102.0
2009	29	100.8	97.8	104.9	100.9
2011	10	100.9	96.3	107.2	100.9
2013	39	101.2	97.8	105.0	101.1
2014	15	102.6	95.7	107.4	103.0
2016	25	101.3	97.8	106.4	101.6
2017	10	101.6	97.1	107.3	101.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
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1990	14	99.3	99.3	101.0	100.1	93.0	97.7	97.0
1991	10	99.9	99.5	101.2	100.1	92.6	98.4	97.3
1992	19	98.8	99.2	99.8	99.5	93.4	97.6	96.8
1993	19	99.8	98.5	99.8	100.0	94.3	97.5	96.6
1994	25	99.0	98.9	100.8	99.2	93.4	98.2	97.3
1995	28	99.9	99.5	99.5	100.0	93.5	97.8	96.9
1996	19	101.0	100.8	99.4	101.1	93.5	97.4	97.2
1997	26	100.4	100.5	99.3	100.6	93.8	97.9	97.3
1998	21	99.4	100.7	100.2	99.5	94.0	98.8	97.9
1999	39	99.3	100.3	99.4	99.2	93.8	98.0	97.5
2000	21	99.3	99.5	101.0	99.7	93.8	99.1	98.2
2001	29	99.7	99.6	100.9	99.7	93.3	98.5	97.7
2002	17	100.5	100.4	100.8	100.2	93.5	98.0	97.6
2003	24	100.2	99.8	100.9	100.0	93.2	97.5	97.0
2004	17	99.9	100.8	101.1	99.6	94.0	98.9	98.2
2005	21	99.0	99.5	100.6	99.3	92.5	97.7	97.5
2006	26	99.4	99.4	99.9	99.8	93.4	97.3	96.9
2007	13	100.1	100.5	100.5	99.6	93.9	98.8	98.2
2008	17	99.9	99.1	100.2	99.6	94.1	97.2	96.4
2009	29	100.1	101.5	100.2	100.6	94.4	99.0	98.9
2011	10	99.6	98.5	101.4	99.6	93.4	97.3	97.0
2013	39	100.4	100.9	99.7	100.7	95.2	98.9	98.5
2014	15	100.5	99.7	100.1	100.7	94.5	96.9	97.1
2016	25	102.1	102.9	98.9	101.7	94.8	99.1	99.8
2017	10	100.3	99.7	100.1	100.2	93.6	97.5	97.2

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	14	97.6	99.9	97.3	100.2	107.5	97.9
1991	10	97.4	100.0	97.4	99.3	107.5	97.4
1992	19	97.3	99.8	97.0	99.8	106.3	97.5
1993	19	97.8	100.4	97.9	101.4	106.4	98.9
1994	25	98.0	100.2	97.0	102.0	108.0	98.8
1995	28	96.7	100.4	97.7	100.2	107.2	97.9
1996	19	97.5	100.6	98.5	101.1	108.4	99.1
1997	26	97.3	100.6	98.3	100.2	107.3	98.5
1998	21	96.9	99.4	97.6	101.0	107.1	98.2
1999	39	97.1	100.1	97.4	100.3	106.3	97.8
2000	21	97.8	100.3	97.5	101.0	107.7	98.7
2001	29	97.3	100.1	97.4	102.1	107.6	98.9
2002	17	97.5	100.5	97.9	101.0	108.3	98.7
2003	24	98.1	100.1	97.5	100.8	107.8	98.7
2004	17	97.7	100.3	97.8	100.4	107.7	98.5
2005	21	98.0	99.4	96.5	100.8	107.6	97.8
2006	26	98.8	100.3	97.2	101.1	108.5	98.8
2007	13	98.8	100.8	97.8	102.4	107.8	99.8
2008	17	97.8	100.6	97.8	101.8	107.4	99.2
2009	29	98.6	100.1	98.3	100.9	107.3	99.1
2011	10	97.9	99.5	97.0	101.0	108.4	98.1
2013	39	98.2	100.1	98.8	101.0	106.9	99.4
2014	15	99.3	100.7	98.3	102.6	108.4	100.3
2016	25	99.7	100.9	99.5	101.6	107.8	100.6
2017	10	98.8	100.1	97.9	101.3	106.5	99.1

Tabel: 187 Fleck Vieh: Vruchtbaarheidskenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	17	98.4	104.5	102.4	104.0	103.1	97.4	101.3	103.5
1990	19	98.2	105.1	102.4	104.3	103.1	97.3	101.5	103.6
1991	15	98.3	104.3	102.0	103.5	102.6	97.9	100.4	103.1
1992	28	98.1	104.7	102.0	104.0	102.7	97.8	101.6	103.2
1993	24	97.9	104.2	101.6	103.3	102.2	97.8	101.1	102.7
1994	31	98.7	104.7	102.8	104.3	103.3	97.7	101.5	103.8
1995	46	99.5	104.5	103.2	104.6	104.2	98.1	100.1	104.1
1996	34	99.4	104.6	103.4	104.6	104.3	98.1	100.4	104.2
1997	44	99.1	104.8	103.1	104.7	104.0	98.0	101.1	104.1
1998	49	99.0	104.1	102.5	103.9	103.2	97.9	100.5	103.5
1999	78	98.5	104.2	102.1	103.8	102.9	97.9	100.9	103.2
2000	48	98.0	104.1	101.8	103.3	102.2	97.2	100.5	102.8
2001	82	97.6	104.6	101.7	103.6	101.7	97.3	101.2	102.8
2002	71	98.1	104.0	101.4	103.1	101.4	97.2	100.0	102.4
2003	64	97.8	104.1	101.4	103.2	101.4	97.0	100.3	102.5
2004	77	97.1	103.9	100.6	102.6	100.6	96.9	101.0	101.7
2005	85	97.3	104.2	100.9	103.0	101.0	96.9	100.5	102.1
2006	121	97.8	104.2	101.3	103.3	101.7	97.2	100.1	102.5
2007	39	98.0	104.0	101.4	103.2	101.7	97.2	101.2	102.5
2008	91	98.1	104.1	101.7	103.4	102.0	97.7	101.3	102.8
2009	93	98.3	104.4	102.1	103.9	102.2	97.6	102.0	103.2
2010	83	97.8	104.2	101.6	103.5	101.8	97.6	102.3	102.7
2011	47	98.6	104.4	102.4	104.1	102.7	98.2	102.2	103.4
2012	100	98.5	104.2	102.0	103.9	102.6	97.8	101.7	103.2
2013	68	98.4	103.6	101.8	103.2	101.9	97.8	102.8	102.7
2014	64	99.2	103.8	102.5	104.1	103.3	98.1	103.9	103.5
2015	54	98.7	103.9	102.6	104.1	103.1	97.9	104.7	103.6
2016	84	98.7	103.5	102.0	103.6	102.7	98.0	104.3	103.0
2017	31	99.1	103.4	102.2	103.8	103.2	97.7	103.2	103.3

Tabel: 188 Fleck Vieh: Gebruikskkenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1992	11	97.5	73.1	102.8	103.7	104.0
1993	13	97.9	31.5	102.9	104.4	104.1
1994	21	96.8	72.0	103.3	104.2	104.1
1995	32	96.3	81.8	103.9	104.0	103.8
1996	19	96.6	73.9	103.0	104.6	104.2
1997	24	96.6	95.3	103.3	104.3	103.8
1998	17	96.2	78.2	103.3	104.2	103.9
1999	33	96.9	79.6	103.1	104.0	103.7
2000	15	95.4	72.7	103.4	104.3	103.9
2001	28	95.8	92.9	102.2	103.4	103.4
2002	13	94.9	92.7	102.2	104.3	104.2
2003	22	95.7	86.9	102.1	103.9	104.1
2004	15	96.2	93.6	102.7	103.5	103.9
2005	17	96.9	88.0	102.5	103.2	103.7
2006	26	96.3	88.3	102.9	104.3	104.0
2007	10	96.3	71.1	103.0	103.8	103.5
2008	14	96.7	80.1	102.9	103.7	103.7
2009	25	97.0	88.8	102.9	104.2	104.0
2011	10	96.9	101.1	102.6	103.6	103.5
2013	39	97.2	90.0	103.5	103.8	103.1
2014	15	97.1	100.3	103.7	104.5	103.7

2016	25	97.7	73.4	104.2	104.5	103.7
2017	10	96.9	101.7	105.2	105.1	103.4

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1987	14	33.1	-61.8	253.3	104.8	103.5	96.0	98.7	101.2
1990	18	57.1	-42.5	226.5	104.9	103.6	97.3	100.2	101.9
1991	15	46.3	-54.3	259.2	105.1	103.1	97.4	99.3	103.3
1992	28	54.4	-39.9	272.9	104.4	103.2	97.0	99.8	101.6
1993	24	60.4	-61.3	302.9	104.7	102.7	97.9	101.4	102.0
1994	30	93.8	-13.7	309.4	104.6	103.8	97.0	102.0	102.6
1995	42	85.9	-29.9	360.5	104.3	104.1	97.7	100.2	103.0
1996	34	81.0	-39.0	317.8	104.9	104.2	98.5	101.1	102.5
1997	45	80.7	-29.3	357.5	104.5	104.1	98.3	100.2	102.9
1998	43	82.5	-23.9	315.3	104.5	103.5	97.6	101.0	102.1
1999	78	79.3	-7.9	296.7	104.2	103.2	97.4	100.3	102.0
2000	46	68.7	-7.7	240.6	104.5	102.8	97.5	101.0	102.5
2001	85	75.6	-12.9	279.6	103.8	102.8	97.4	102.1	103.4
2002	70	73.8	-33.4	265.7	104.8	102.4	97.9	101.0	102.9
2003	60	94.7	4.1	244.5	104.5	102.5	97.5	100.8	102.5
2004	66	96.5	27.6	241.2	104.2	101.7	97.8	100.4	102.3
2005	83	70.5	13.8	160.3	103.8	102.1	96.5	100.8	102.9
2006	117	88.4	25.6	182.8	104.6	102.5	97.2	101.1	102.4
2007	33	134.0	101.4	246.4	104.1	102.5	97.8	102.4	103.0
2008	71	128.6	73.8	232.0	104.1	102.8	97.8	101.8	103.1
2009	85	127.8	90.2	215.6	104.5	103.2	98.3	100.9	103.3
2010	42	101.9	44.5	141.2	104.7	102.7	99.8	101.2	102.4
2011	33	128.4	85.1	202.2	104.1	103.4	97.0	101.0	103.0
2012	35	158.1	133.4	256.0	104.1	103.2	99.4	105.0	103.1
2013	53	151.9	183.5	243.8	103.8	102.7	98.8	101.0	103.4
2014	40	170.9	180.2	290.8	104.4	103.5	98.3	102.6	103.4
2015	37	180.6	203.9	276.1	104.5	103.6	97.3	102.0	103.8
2016	68	166.8	205.2	300.8	104.5	103.0	99.5	101.6	103.8
2017	20	175.8	242.3	277.5	104.7	103.3	97.9	101.3	104.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
2006	11	96.5	91.2	99.8	100.3	97.1	105.5	96.9

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	10	99.4	102.3	99.4	102.3	100.5	104.5
1992	13	98.4	102.7	98.4	102.7	100.1	104.4
1993	14	98.6	103.1	98.6	103.1	100.1	105.0
1994	26	99.5	103.3	99.5	103.3	100.6	105.0
1995	38	99.7	103.4	99.7	103.4	100.2	104.9

1996	26	99.3	103.2	99.3	103.2	100.1	104.9
1997	31	99.5	103.5	99.5	103.5	100.3	105.1
1998	30	98.8	103.1	98.8	103.1	99.6	104.7
1999	50	99.1	100.8	99.1	100.8	99.7	102.5
2000	25	99.5	103.2	99.5	103.2	100.2	105.0
2001	46	100.8	103.2	100.8	103.2	101.1	105.2
2002	30	100.0	103.2	100.0	103.2	100.9	105.2
2003	44	99.4	102.8	99.4	102.8	100.4	105.2
2004	31	99.6	102.6	99.6	102.6	100.3	105.0
2005	39	99.7	100.6	99.7	100.6	100.2	103.0
2006	33	100.2	100.2	100.2	100.2	100.8	102.3
2007	30	99.6	103.4	99.6	103.4	100.4	105.5
2008	29	99.7	103.2	99.7	103.2	100.3	105.1
2009	16	100.0	103.7	100.0	103.7	100.8	105.8
2010	25	99.4	102.5	99.4	102.5	100.3	104.7
2012	30	100.0	99.7	100.0	99.7	100.9	101.7
2015	11	99.4	102.6	99.4	102.6	100.3	104.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	16	90.4	112.6	114.6	77.7	61.5	64.1
1992	24	90.2	113.8	114.8	61.0	49.0	50.9
1993	19	91.5	113.0	113.4	76.7	62.2	63.9
1994	29	89.9	113.9	115.3	97.6	78.2	80.1
1995	42	90.7	113.4	114.4	99.0	79.0	81.9
1996	29	90.5	113.7	114.3	104.3	84.7	86.6
1997	40	90.5	113.3	114.6	93.3	73.3	76.2
1998	40	91.0	113.4	114.3	73.2	58.4	59.9
1999	66	90.5	113.1	114.6	87.0	68.6	70.7
2000	36	90.1	114.0	115.3	78.4	63.1	64.9
2001	54	91.1	112.5	114.1	87.2	69.5	72.0
2002	61	90.4	113.4	114.6	79.9	63.3	65.3
2003	53	90.1	113.6	115.0	100.6	79.7	82.2
2004	55	90.7	113.4	114.3	96.2	76.4	79.1
2005	71	90.3	113.0	115.0	83.2	64.0	67.1
2006	76	90.8	112.6	114.3	98.1	76.5	79.7
2007	41	90.6	113.8	114.7	94.6	72.8	75.7
2008	68	90.3	113.4	115.2	93.6	72.8	75.8
2009	70	89.4	113.3	115.8	102.5	79.9	82.1
2010	62	89.7	113.5	115.4	93.2	72.3	75.6
2011	33	90.1	113.2	115.1	110.3	86.6	89.0
2012	86	89.7	113.3	115.8	101.9	79.6	81.7
2013	78	90.0	113.6	115.2	106.4	83.2	86.3
2014	48	90.1	113.5	115.2	101.2	79.5	82.6
2015	25	91.4	111.3	113.7	113.9	88.7	91.8
2016	33	92.9	110.3	112.0	110.2	86.3	89.0
2017	37	91.7	111.1	113.6	110.3	87.1	89.8
2018	32	92.2	110.9	113.0	98.5	79.0	81.0
2019	20	93.0	110.5	112.0	90.3	71.5	73.7

Tabel: 193 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
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1990	15	106.1	113.8	100.1	107.7	106.9	101.7	104.7	97.8	111.7	100.9	112.5
1991	10	106.9	115.1	99.6	109.0	107.7	101.9	105.1	98.6	112.2	101.4	113.0
1992	24	106.4	114.1	99.8	108.3	106.5	102.3	104.4	99.2	111.5	101.0	112.8
1993	22	105.1	113.5	101.2	107.4	106.0	103.3	102.9	99.0	111.2	100.3	111.2
1994	29	106.4	114.2	101.0	107.7	106.9	102.4	104.4	98.7	112.0	100.9	113.1
1995	42	105.6	114.0	101.8	107.7	106.5	103.1	103.6	98.5	111.5	101.2	111.5
1996	26	106.2	114.2	100.5	107.5	107.2	102.0	104.0	99.3	112.1	100.2	111.9
1997	37	105.8	114.2	100.8	107.4	106.9	102.1	104.1	98.2	112.1	100.4	112.0
1998	36	105.4	115.3	100.1	107.9	107.2	102.4	103.6	97.8	112.3	100.0	111.7
1999	58	106.3	114.2	101.2	107.6	107.6	102.4	104.4	98.4	111.9	100.8	111.7
2000	37	104.9	114.5	101.2	107.2	106.8	102.8	102.6	98.7	111.9	99.8	110.7
2001	42	104.9	113.6	101.7	106.3	107.0	102.2	103.0	98.0	111.4	99.7	109.8
2002	35	105.3	115.7	101.4	108.4	107.8	102.9	102.9	98.5	112.1	99.2	110.3
2003	37	105.6	115.6	101.5	108.5	107.9	102.8	103.5	98.6	112.0	99.6	110.4
2004	40	105.7	115.8	101.3	108.7	107.7	102.9	103.3	99.0	111.8	99.6	110.8
2005	37	104.8	115.2	102.7	107.6	107.9	103.6	102.6	98.2	112.1	99.9	109.5
2006	57	105.3	114.9	101.8	107.5	108.0	102.7	103.4	97.8	112.1	99.1	109.8
2007	18	104.9	114.9	101.8	107.3	107.7	103.0	102.4	99.0	111.8	99.2	109.3
2008	41	105.0	115.2	101.2	108.1	107.4	102.9	102.9	98.1	111.5	99.9	109.4
2009	51	105.7	114.8	100.8	108.6	107.2	103.1	103.9	98.3	111.4	100.8	111.2
2010	29	105.1	113.2	101.7	107.1	107.3	102.7	103.7	97.8	110.8	100.2	109.4
2011	18	104.7	114.5	101.8	108.1	106.7	103.8	102.9	97.9	111.0	100.5	110.2
2012	36	105.4	113.4	101.8	108.1	106.2	103.2	103.9	98.3	110.4	101.1	110.8
2013	45	105.9	112.0	101.2	106.9	105.9	102.5	104.3	99.0	110.2	100.7	111.5
2014	20	105.0	112.5	102.2	107.8	105.2	103.5	103.7	98.3	109.8	100.9	110.8
2015	15	104.8	111.8	102.1	107.5	105.0	102.9	103.8	97.8	109.5	101.0	110.7
2016	26	104.2	111.1	100.9	106.8	104.2	102.9	103.3	97.7	109.2	101.3	110.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	10	96.7	97.0	91.5
1992	11	96.6	96.6	91.5
1993	13	97.8	97.3	92.2
1994	25	96.4	96.7	91.8
1995	37	96.6	96.8	90.6
1996	26	97.5	97.7	91.3
1997	31	96.5	96.8	90.8
1998	25	97.4	98.0	92.1
1999	49	97.3	97.4	91.9
2000	25	95.4	95.5	92.9
2001	46	95.5	95.6	91.9
2002	32	96.6	96.8	92.2
2003	43	97.5	97.4	92.5
2004	30	97.2	97.1	92.7
2005	37	97.1	96.6	92.3
2006	34	97.3	97.5	91.6
2007	28	97.6	97.6	92.1
2008	29	97.1	97.3	91.1
2009	16	97.4	97.4	92.2
2010	24	97.4	96.8	92.6
2012	29	97.2	96.9	91.7
2015	10	93.0	91.7	93.3
2016	10	95.1	94.6	91.7

Tabel: 195 Fleck Vieh: Levensproductiekenmerken
Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	56	1646.0	8713.6	273.0	232.9
2002	47	1324.9	7505.8	210.5	190.6
2003	52	1323.4	7529.0	217.8	186.4
2004	53	1398.5	7615.8	229.5	198.5
2005	67	794.9	5199.6	123.8	113.4
2006	100	989.1	5986.9	153.9	142.7
2007	29	1819.1	9266.5	301.6	258.6
2008	64	1577.0	8426.4	254.6	226.5
2009	77	1465.2	7881.0	239.1	208.9
2010	43	761.4	4928.1	116.9	109.6
2011	37	1312.3	7340.4	211.7	187.6
2012	34	1946.6	9518.4	318.9	280.3
2013	47	2106.3	10744.0	350.6	298.9
2014	44	2344.2	11526.2	398.6	329.8
2015	35	2454.7	12050.1	402.1	353.2
2016	58	2588.6	13017.0	418.7	374.8
2017	15	2594.7	12847.5	447.9	362.1

Tabel: 196 Fleck Vieh: Robot / AMS kenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Eff	Int	Gewen
1990	11	96.0	112.1	97.3
1992	16	97.1	112.1	98.1
1993	13	98.0	112.3	98.0
1994	26	97.0	111.9	97.8
1995	36	97.0	112.4	97.6
1996	22	96.1	111.8	97.4
1997	28	97.3	112.5	97.9
1998	26	95.8	113.2	97.8
1999	48	97.3	112.3	98.1
2000	23	96.5	112.8	97.3
2001	40	97.7	112.5	97.0
2002	26	96.2	112.5	98.3
2003	36	95.9	112.7	98.4
2004	32	97.2	111.8	97.4
2005	36	96.3	110.8	98.8
2006	33	96.5	112.5	98.0
2007	15	97.5	113.1	97.5
2008	20	97.1	111.8	97.5
2009	38	96.0	111.2	98.4
2010	12	95.2	111.1	98.1
2013	34	98.5	111.8	97.2
2014	18	97.0	113.9	99.1
2015	25	98.1	113.8	97.5
2016	47	98.3	114.6	98.4
2017	17	99.7	114.9	98.5

Tabel: 197 Fleck Vieh: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
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1987	20	99.5	99.0	20	-0.3	0	0.0
1989	11	99.3	99.3	11	-0.5	0	0.0
1990	20	99.0	99.2	20	0.2	0	0.0
1991	20	98.9	99.8	20	-0.0	0	0.0
1992	32	98.6	99.4	32	0.1	0	0.0
1993	25	99.0	99.6	25	0.1	0	0.0
1994	33	99.2	99.2	34	0.6	0	0.0
1995	47	99.0	98.1	48	0.3	0	0.0
1996	36	98.7	98.7	36	0.2	0	0.0
1997	48	99.5	99.0	48	0.3	0	0.0
1998	48	98.6	98.7	48	0.1	0	0.0
1999	78	98.4	98.7	78	0.4	0	0.0
2000	49	99.2	99.9	49	0.5	0	0.0
2001	93	98.0	99.7	93	0.4	26	104.8
2002	81	97.3	99.4	81	0.2	13	106.3
2003	65	98.2	99.2	65	0.8	22	105.5
2004	69	97.7	99.6	69	0.9	15	105.3
2005	84	97.3	99.5	84	0.7	19	104.5
2006	120	98.3	99.6	120	0.8	24	105.9
2007	35	98.7	100.5	35	1.8	11	106.3
2008	73	98.8	99.6	73	1.4	14	105.2
2009	87	99.0	99.8	87	1.6	24	104.2
2010	42	98.2	100.5	42	1.1	4	105.2
2011	36	98.8	99.1	36	1.5	10	104.5
2012	35	100.0	100.1	35	1.9	5	107.4
2013	53	100.5	99.1	53	2.2	34	104.1
2014	40	100.2	99.5	42	2.3	13	106.5
2015	37	100.5	98.9	37	2.7	9	107.8
2016	68	99.6	98.7	68	2.5	20	105.5
2017	20	100.0	98.3	20	2.8	10	103.9

Tabel: 198 Brown Swiss: Melkproductiekenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	11	-1107.5	-44.7	-34.5	-50.6	7.4	7.7	-0.4	-250.4
1991	18	-1280.4	-42.6	-40.9	-58.5	22.6	7.9	-0.3	-274.9
1992	19	-1286.6	-49.3	-42.2	-58.7	12.4	6.0	-0.3	-294.2
1993	20	-1307.8	-46.9	-42.3	-59.8	17.6	7.3	-0.3	-289.9
1994	20	-1198.7	-47.1	-38.9	-54.7	10.4	6.7	-0.3	-275.0
1995	22	-1105.6	-43.5	-34.6	-50.5	8.9	7.6	-0.2	-248.3
1996	18	-878.8	-33.2	-30.0	-40.2	8.8	2.3	-0.3	-204.6
1997	25	-1096.2	-41.1	-36.2	-50.1	11.6	4.8	-0.5	-249.8
1998	24	-1157.0	-43.6	-36.2	-52.8	12.5	8.2	-0.2	-255.7
1999	17	-875.1	-32.9	-26.7	-40.0	9.1	6.8	-0.3	-190.6
2000	27	-949.8	-39.7	-32.1	-43.0	4.4	2.9	0.3	-228.1
2001	16	-977.6	-36.2	-29.3	-44.8	11.1	8.4	-0.5	-209.8
2002	15	-986.5	-29.7	-28.3	-43.3	21.0	10.4	2.5	-191.1
2003	27	-944.0	-37.5	-31.0	-42.7	7.1	4.5	0.3	-218.7
2004	15	-631.3	-21.0	-19.3	-28.7	10.0	4.7	-0.1	-132.1
2005	12	-875.1	-27.9	-24.2	-39.9	15.7	10.0	-0.2	-169.8
2006	19	-721.8	-29.5	-23.3	-33.0	4.3	3.9	-0.4	-167.6
2012	10	-218.9	-9.5	-5.2	-11.4	1.2	4.2	-2.0	-44.6

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1991	16	97.4	99.9	94.8	94.2	103.1	100.1	90.2
1992	14	98.1	100.1	95.3	94.6	102.8	100.9	90.7
1993	18	97.9	100.6	95.2	94.7	104.0	99.9	89.7
1994	14	97.7	100.6	95.0	94.8	103.6	100.4	89.9
1995	15	97.0	100.7	96.0	95.3	103.5	99.4	89.3
1996	13	99.8	100.7	97.2	96.0	102.9	100.4	90.5
1997	16	99.2	100.5	95.9	94.8	103.4	101.2	90.4
1998	14	98.1	101.1	96.1	94.9	104.1	100.2	89.4
1999	13	99.0	100.7	96.2	95.5	103.1	100.5	90.4
2000	19	98.5	100.9	96.4	95.4	103.5	100.9	91.0
2003	17	98.2	100.1	95.4	95.0	103.8	101.0	89.8
2006	10	99.1	99.9	96.0	95.4	103.2	101.1	89.6

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

Jaar	Aantal	BA	BZ	KH	BG
1991	16	109.9	97.6	109.9	108.7
1992	14	109.6	97.2	110.7	108.4
1993	18	110.4	96.2	111.6	109.4
1994	14	110.9	96.4	110.9	109.8
1995	15	109.8	96.9	110.7	109.0
1996	13	111.3	96.6	111.5	109.3
1997	16	110.1	96.1	111.5	108.8
1998	14	111.1	95.4	112.6	109.8
1999	13	110.3	95.9	111.2	108.9
2000	19	110.9	96.3	111.3	109.2
2003	17	111.9	94.2	113.1	110.6
2006	10	110.5	96.5	110.9	109.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1991	16	98.2	99.4	105.8	98.6	91.8	95.0	96.6
1992	14	97.4	99.1	105.9	97.6	91.6	95.1	96.6
1993	18	97.7	99.4	106.2	97.8	91.7	94.7	96.6
1994	14	98.6	100.7	105.4	98.2	92.5	95.9	97.9
1995	15	97.7	99.7	104.6	96.2	90.7	94.2	97.1
1996	13	98.1	99.2	105.3	98.0	91.8	95.8	97.8
1997	16	97.6	99.1	105.6	97.9	91.1	95.1	97.3
1998	14	98.1	99.3	105.9	97.9	91.2	96.1	97.6
1999	13	98.0	100.4	105.0	97.9	91.6	96.3	98.2
2000	19	97.6	98.9	105.2	97.5	91.0	94.8	96.3
2003	17	97.9	99.4	105.2	98.5	91.9	96.0	97.4
2006	10	98.7	99.0	104.4	98.8	92.4	95.5	96.8

Tabel: 202 Brown Swiss: Exterieurkenmerken bovenbalk
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1991	16	93.2	96.5	95.0	109.9	0.0	100.1
1992	14	93.9	96.6	94.2	109.6	0.0	99.6
1993	18	93.1	97.4	94.4	110.4	0.0	100.2
1994	14	93.6	97.1	95.4	110.7	0.0	100.9
1995	15	93.1	97.3	93.3	110.1	0.0	99.3
1996	13	94.6	97.8	94.5	110.6	0.0	100.7
1997	16	94.4	97.2	94.2	109.8	0.0	99.9
1998	14	93.6	97.3	94.5	110.7	0.0	100.4
1999	13	94.2	97.6	94.7	109.5	0.0	100.2
2000	19	94.9	97.8	94.4	110.3	0.0	100.7
2003	17	93.7	97.4	95.1	111.2	0.0	101.2
2006	10	93.9	97.1	95.6	110.1	0.0	100.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1990	10	101.6	104.8	103.7	103.7	103.1	96.1	87.5	103.9
1991	16	101.0	105.1	103.1	103.6	102.5	97.3	89.6	103.6
1992	17	100.9	105.2	103.2	103.6	102.6	96.9	89.5	103.6
1993	20	101.2	104.8	103.2	103.2	102.5	96.7	88.9	103.3
1994	19	101.6	104.6	103.2	103.3	102.9	97.5	88.9	103.5
1995	21	102.2	103.4	103.3	102.8	103.2	97.6	88.1	103.3
1996	17	101.3	104.8	103.2	103.3	102.9	97.9	89.8	103.4
1997	25	101.6	104.6	103.4	103.6	103.2	97.7	89.3	103.8
1998	22	101.5	104.8	103.4	103.5	103.1	97.2	88.5	103.8
1999	17	101.2	104.9	103.3	103.4	102.9	97.1	89.5	103.6
2000	27	102.4	104.4	103.9	103.5	103.4	97.3	89.3	104.0
2001	18	101.4	105.3	103.9	104.2	103.4	97.8	90.1	104.3
2002	18	101.1	104.3	103.1	103.1	102.7	96.3	88.9	103.3
2003	26	101.2	105.0	103.7	103.8	103.2	97.3	89.8	104.1
2004	17	101.5	104.5	103.6	103.4	103.5	98.3	90.4	103.8
2005	13	102.1	104.8	104.4	104.0	103.9	97.5	89.8	104.5
2006	19	102.2	103.9	103.8	103.4	103.6	97.7	90.2	103.8
2007	10	101.4	104.5	103.7	103.7	103.0	97.2	90.2	104.0
2012	10	101.6	103.8	103.0	103.3	102.9	97.2	91.5	103.4

Tabel: 204 Brown Swiss: Gebruikskkenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1991	10	95.9	98.1	99.8	100.5	102.3
1992	12	96.7	81.9	100.2	100.5	102.2
1993	15	95.7	93.1	99.6	100.2	101.8
1994	14	97.8	92.7	100.4	100.9	102.7
1995	16	99.6	82.0	100.8	100.9	103.0
1996	14	97.5	91.2	101.3	101.7	102.5
1997	19	96.2	88.7	100.8	100.4	102.7
1998	14	96.6	92.9	101.2	101.2	102.9
1999	13	95.5	92.1	101.0	101.2	102.8
2000	19	97.0	88.5	101.5	101.7	102.9
2002	11	97.0	100.4	102.2	101.7	103.6
2003	17	96.8	93.6	101.7	101.2	103.0
2006	11	96.3	91.0	102.1	101.7	102.7

Tabel: 205 Brown Swiss: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1991	18	-38.8	-274.9	-72.4	101.7	103.6	95.0	109.9	103.3
1992	19	-42.5	-294.2	55.8	101.6	103.6	94.2	109.6	103.8
1993	20	-38.5	-289.9	14.1	101.3	103.3	94.4	110.4	103.9
1994	20	-20.4	-275.0	84.8	102.2	103.5	95.4	110.7	103.8
1995	21	-19.7	-248.3	33.5	102.3	103.3	93.3	110.1	103.6
1996	18	4.3	-204.6	120.2	102.5	103.4	94.5	110.6	103.7
1997	25	-20.0	-249.8	40.2	101.9	103.8	94.2	109.8	103.8
1998	24	-18.0	-255.7	60.6	102.5	103.8	94.5	110.7	103.6
1999	17	5.6	-190.6	32.8	102.3	103.6	94.7	109.5	104.2
2000	27	2.3	-228.1	74.4	102.7	104.0	94.4	110.3	104.3
2001	16	20.5	-209.8	170.6	102.6	104.3	94.4	111.8	104.3
2002	15	13.1	-191.1	68.7	103.2	103.3	94.6	109.3	103.4
2003	27	10.6	-218.7	96.4	102.5	104.1	95.1	111.2	104.1
2004	15	65.5	-132.1	255.4	103.4	103.8	96.2	112.9	103.9
2005	12	27.2	-169.8	26.6	103.0	104.5	94.1	110.5	103.6
2006	19	26.7	-167.6	120.9	102.5	103.8	95.6	110.1	103.6
2012	10	92.8	-44.6	260.9	104.8	103.4	94.9	108.9	104.4

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1992	14	97.9	105.2	97.9	105.2	98.1	104.7
1993	11	98.7	105.2	98.7	105.2	98.5	103.7
1994	16	98.2	105.1	98.2	105.1	98.0	104.6
1995	16	98.4	104.8	98.4	104.8	97.8	103.4
1996	15	96.7	105.9	96.7	105.9	96.3	105.6
1997	23	97.9	105.3	97.9	105.3	98.0	104.6
1998	13	98.0	105.4	98.0	105.4	98.0	104.3
1999	15	98.7	105.5	98.7	105.5	98.1	104.8
2000	24	98.3	105.6	98.3	105.6	98.3	105.0
2001	18	97.4	106.2	97.4	106.2	97.3	104.8
2002	16	97.2	105.5	97.2	105.5	97.0	104.1
2003	19	98.4	105.5	98.4	105.5	97.9	104.7
2004	17	98.0	105.6	98.0	105.6	98.1	104.8
2005	10	98.6	104.9	98.6	104.9	99.0	104.5
2006	14	98.3	97.3	98.3	97.3	98.0	96.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	95.0	110.8	106.0	111.3	100.4	96.4
1992	16	95.5	109.8	105.3	112.9	99.7	95.3
1993	16	96.1	110.5	104.9	98.0	88.1	84.7
1994	15	95.3	109.6	105.4	111.5	100.2	96.6
1995	17	95.5	109.8	105.5	105.4	94.5	90.0

1996	15	94.5	110.5	106.3	105.5	93.2	89.1
1997	24	94.9	110.9	106.0	108.2	96.2	92.1
1998	15	94.9	110.9	105.9	104.3	93.7	90.3
1999	17	95.4	110.9	105.6	112.1	100.3	96.4
2000	23	96.7	109.9	104.0	113.1	100.2	94.4
2001	16	96.2	109.9	104.5	113.0	99.3	94.2
2002	12	95.1	110.8	105.8	112.2	98.9	95.0
2003	19	95.8	110.1	104.9	112.1	99.1	95.7
2004	14	95.6	111.8	105.4	110.9	100.1	96.9
2005	12	96.2	110.7	104.3	102.3	92.3	88.4
2006	16	95.6	109.6	105.4	105.4	93.6	90.1
2008	14	95.9	110.1	104.8	111.0	99.5	97.7
2010	13	95.1	111.2	105.8	111.6	99.3	95.8
2012	11	94.8	109.9	105.9	110.2	99.8	96.6
2014	10	95.2	111.5	105.7	111.8	98.8	95.0

Tabel: 208 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	100.4	108.7	103.2	99.9	93.9	109.4	99.3	108.6
1992	14	101.5	109.6	98.6	100.6	109.4	102.7	100.2	93.0	110.1	98.8	109.4
1993	15	100.5	109.9	97.9	100.7	108.3	103.3	99.1	93.3	110.1	98.9	108.8
1994	16	101.1	109.9	97.9	100.8	109.1	103.6	99.2	93.8	110.3	99.1	108.9
1995	19	100.9	109.4	98.3	99.9	109.3	102.9	99.3	93.8	110.3	98.9	108.3
1996	15	101.3	108.6	98.5	100.3	108.4	102.9	100.1	93.7	109.2	98.9	108.9
1997	22	101.1	109.4	98.6	100.5	109.0	103.0	100.0	93.4	109.8	99.5	108.6
1998	16	101.2	109.4	98.7	100.5	109.1	103.2	100.1	93.2	110.0	99.6	108.8
1999	14	101.4	108.7	97.9	100.6	108.3	102.4	100.0	94.4	109.4	98.4	109.0
2000	20	102.1	108.2	98.4	100.2	108.7	102.2	100.8	94.2	109.0	98.5	109.2
2001	10	101.3	108.6	99.2	100.5	108.4	104.3	100.1	93.5	109.0	101.5	107.8
2002	12	101.3	109.2	98.5	100.9	108.7	103.2	100.2	93.6	109.7	99.8	108.7
2003	20	101.8	108.7	98.8	100.3	108.8	102.5	100.6	94.4	109.3	100.0	108.2
2005	10	101.9	109.1	99.2	100.0	109.5	102.8	100.6	93.7	110.1	99.6	107.1
2006	15	100.7	108.4	98.8	99.9	108.1	103.5	99.4	93.7	109.1	99.7	106.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	14	89.6	98.6	83.2
1993	11	91.0	99.9	82.5
1994	17	90.4	99.1	82.9
1995	16	90.0	98.9	81.9
1996	16	90.2	99.2	82.1
1997	23	90.0	98.7	82.3
1998	13	91.1	99.6	82.2
1999	15	91.4	100.3	82.4
2000	21	90.8	99.2	83.3
2001	19	91.9	100.1	82.6
2002	16	91.2	99.8	83.0
2003	18	92.9	101.0	84.1
2004	18	92.1	100.7	82.6
2005	11	90.6	99.1	82.5
2006	13	91.9	100.3	82.7
2007	10	91.5	99.9	82.2

2008 10 93.7 101.6 84.1

Tabel: 210 Brown Swiss: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	15	111.1	-667.6	32.7	12.5
2002	14	-294.0	-2669.2	-23.5	-50.6
2003	27	-388.5	-2373.6	-50.9	-60.7
2004	14	941.3	2683.6	186.4	125.1
2005	13	-649.5	-3917.6	-92.9	-97.8
2006	20	-45.1	-941.8	6.2	-11.2
2007	10	-150.8	-1396.4	-17.5	-23.1
2012	10	1366.4	4772.7	242.3	193.2

Tabel: 211 Brown Swiss: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1993	11	99.3	101.2	105.0
1994	13	99.2	102.2	105.2
1995	11	100.0	102.5	104.9
1996	14	98.6	101.9	106.1
1997	14	98.9	101.9	105.4
1998	10	99.1	102.9	105.4
1999	12	98.2	102.2	105.3
2000	16	98.8	101.8	105.4
2002	10	98.3	102.5	105.3
2003	12	99.6	102.8	104.9
2004	11	100.0	104.2	105.4
2006	11	98.6	101.4	105.1

Tabel: 212 Brown Swiss: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1990	11	99.9	100.8	11	-3.1	0	0.0
1991	18	100.2	101.2	18	-3.2	0	0.0
1992	19	100.7	101.2	19	-3.3	0	0.0
1993	20	99.3	101.1	21	-2.9	0	0.0
1994	20	100.2	100.8	20	-3.1	0	0.0
1995	22	98.9	100.2	22	-3.0	0	0.0
1996	18	101.4	101.4	18	-2.1	0	0.0
1997	25	100.3	100.3	25	-2.8	0	0.0
1998	24	101.1	101.0	24	-2.8	0	0.0
1999	17	101.4	100.6	17	-2.1	0	0.0
2000	27	101.2	100.0	27	-2.4	0	0.0
2001	16	101.4	101.8	16	-2.3	8	97.2
2002	15	101.4	100.4	15	-2.2	9	97.7
2003	27	102.0	101.1	27	-2.3	17	97.3
2004	15	102.3	102.3	15	-1.6	8	97.1
2005	12	100.8	100.9	12	-2.1	8	97.8

2006	19	101.5	100.7	19	-1.8	10	97.6
2007	9	100.2	100.7	10	-1.9	7	97.9
2012	10	101.0	102.9	10	-0.2	7	101.0

Tabel: 213 Roodbont: Melkproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	553	-1496.1	-64.8	-59.8	-77.9	4.4	-9.1	-18.4	-404.8
1981	445	-1425.9	-60.9	-57.2	-74.7	5.7	-9.0	-18.2	-384.8
1982	430	-1440.2	-59.7	-57.9	-75.3	9.2	-9.3	-18.3	-385.4
1983	410	-1475.2	-62.1	-59.7	-76.9	7.9	-10.4	-18.4	-398.3
1984	291	-1390.8	-59.1	-58.1	-73.1	6.5	-13.0	-18.2	-384.1
1985	198	-1301.7	-52.6	-53.1	-69.0	11.2	-9.6	-18.0	-349.0
1986	215	-1322.2	-54.9	-54.7	-70.0	8.6	-11.1	-18.0	-360.4
1987	256	-1182.0	-48.8	-50.5	-63.6	8.0	-12.7	-17.7	-328.8
1988	291	-1183.9	-49.3	-49.7	-63.6	7.4	-11.1	-17.7	-326.5
1989	186	-1140.3	-49.0	-49.5	-61.7	4.1	-13.7	-17.6	-324.3
1990	111	-1015.0	-42.9	-45.5	-55.9	5.2	-14.2	-17.2	-293.6
1991	58	-988.9	-40.2	-44.2	-54.7	7.6	-13.9	-17.1	-282.2
1992	31	-908.0	-35.6	-43.8	-51.1	9.1	-18.3	-17.0	-269.9
1993	19	-610.3	-31.7	-33.2	-37.5	-7.4	-18.0	-16.5	-214.1
1994	19	-683.3	-29.8	-33.4	-40.7	1.6	-14.1	-16.4	-211.8

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	146	90.5	92.0	91.9	98.6	91.1	91.2	95.4
1981	134	90.4	92.8	90.8	97.5	93.7	91.8	95.7
1982	153	90.7	93.4	90.8	97.4	94.5	92.3	96.0
1983	123	92.6	93.1	93.0	99.6	93.0	93.2	96.3
1984	84	93.0	93.3	93.7	100.0	92.8	92.2	96.9
1985	66	92.8	93.2	93.7	100.1	93.1	93.0	96.4
1986	58	93.9	93.2	93.6	100.1	93.3	93.3	96.4
1987	64	94.2	92.8	93.7	100.2	91.8	93.1	96.2
1988	83	94.4	92.9	94.0	100.8	91.6	93.4	96.4
1989	71	94.8	92.6	94.3	101.1	91.7	92.8	96.5
1990	27	95.8	91.8	94.8	101.8	90.8	93.1	96.2
1991	16	95.0	93.1	95.3	101.6	92.2	91.4	96.8
1994	10	96.4	98.1	98.0	102.6	96.9	96.5	99.3

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

Jaar	Aantal	BA	BZ	KH	BG
1980	146	90.2	98.0	86.6	89.7
1981	134	92.7	98.9	87.8	92.3
1982	153	92.6	98.8	88.3	92.0
1983	123	91.4	98.4	89.4	90.9
1984	84	91.9	98.1	89.3	91.6

1985	66	91.7	99.9	88.7	91.2
1986	58	92.0	99.1	88.8	91.5
1987	64	92.6	98.7	89.4	92.6
1988	83	92.6	99.6	90.0	92.5
1989	71	92.9	99.8	90.2	92.5
1990	27	92.8	100.0	90.0	91.8
1991	16	92.6	100.6	89.4	92.3
1994	10	95.6	99.8	92.6	94.5

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	146	96.6	91.9	96.4	96.9	96.6	94.5	91.6
1981	134	97.1	93.5	96.2	98.6	98.0	96.3	93.7
1982	153	97.6	94.2	96.3	99.4	98.4	96.6	94.0
1983	123	97.1	93.2	97.8	98.8	97.3	95.2	92.7
1984	84	98.1	94.7	98.0	99.6	98.1	96.0	94.1
1985	66	98.2	94.8	97.9	98.1	97.9	95.3	93.6
1986	58	98.4	94.4	98.0	98.8	98.2	95.7	93.5
1987	64	97.8	95.2	98.7	98.6	98.9	95.7	93.9
1988	83	97.7	95.5	99.5	98.5	98.9	95.2	93.7
1989	71	98.4	96.3	98.5	99.0	98.9	96.2	94.7
1990	27	99.7	96.8	98.6	100.6	100.6	97.4	95.2
1991	16	99.8	96.8	96.2	99.4	99.1	96.9	95.4
1994	10	99.1	97.5	98.9	98.7	97.5	96.6	96.3

Tabel: 217 Roodbont: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	146	87.6	89.9	95.9	86.9	93.8	85.7
1981	134	87.9	90.7	97.5	89.9	96.4	88.4
1982	153	88.5	91.6	98.2	89.7	97.4	88.9
1983	123	89.9	92.7	97.3	88.6	96.3	88.4
1984	84	89.9	93.3	98.4	89.1	96.3	89.4
1985	66	90.0	93.2	97.6	89.0	96.4	89.0
1986	58	90.2	93.3	98.1	89.2	96.5	89.3
1987	64	89.8	92.2	98.2	90.2	95.3	89.6
1988	83	90.3	92.8	98.0	90.3	94.0	89.8
1989	71	90.0	93.1	98.6	90.5	93.8	90.2
1990	27	89.8	92.6	100.6	89.9	93.6	90.7
1991	16	89.9	94.0	99.2	90.3	94.5	90.6
1994	10	96.2	99.7	98.0	93.0	99.2	93.9

Tabel: 218 Roodbont: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1487	102.5	102.1	102.0	102.6	101.1	102.6	96.0	102.6
1981	1052	102.3	102.3	101.9	102.9	101.1	102.7	94.0	102.6
1982	987	102.9	102.3	102.2	103.2	101.5	102.5	92.8	102.9

1983	839	102.7	102.1	101.8	102.8	101.3	102.5	94.7	102.6
1984	537	102.1	102.0	101.2	102.4	100.9	102.8	94.7	102.0
1985	293	102.4	102.1	101.6	102.6	101.0	102.4	94.2	102.3
1986	260	102.9	101.0	101.4	101.8	101.0	103.3	94.3	101.8
1987	254	102.1	101.6	101.1	102.3	100.8	102.7	94.7	101.9
1988	274	101.9	102.0	101.3	102.6	100.8	102.7	94.1	102.1
1989	175	101.9	101.1	100.8	101.7	100.6	102.9	94.6	101.4
1990	101	101.8	101.1	100.8	101.6	100.7	102.7	95.0	101.3
1991	54	101.8	100.5	100.6	101.0	100.4	102.8	95.3	100.9
1992	31	101.8	100.7	100.9	101.3	100.3	102.4	97.1	101.2
1993	19	101.5	100.1	100.4	100.8	100.6	102.8	97.5	100.6
1994	18	101.4	100.3	100.3	100.8	100.1	101.6	95.2	100.7

Tabel: 219 Roodbont: Gebruikskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	129	97.6	57.4	98.8	103.4	103.2
1981	122	97.2	85.2	99.5	103.8	103.8
1982	136	97.4	82.7	99.3	103.5	103.7
1983	102	97.7	45.5	98.5	102.7	103.2
1984	72	97.4	36.6	98.7	102.9	103.7
1985	46	97.2	52.4	98.5	102.8	104.0
1986	46	97.0	50.5	98.2	102.4	103.9
1987	48	98.1	30.6	97.3	101.4	101.8
1988	63	97.8	38.7	96.6	100.5	101.1
1989	52	98.1	39.1	97.2	101.2	101.6
1990	19	98.1	30.7	97.3	101.1	101.8
1991	13	98.4	52.0	96.9	101.0	101.6

Tabel: 220 Roodbont: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	546	-166.3	-404.8	-53.5	103.6	102.6	95.9	86.9	98.0
1981	439	-138.0	-384.8	-13.5	104.2	102.6	97.5	89.9	98.1
1982	415	-131.5	-385.4	-13.8	104.0	102.9	98.2	89.7	98.2
1983	396	-154.0	-398.3	-13.8	103.4	102.6	97.3	88.6	98.0
1984	268	-149.3	-384.1	-13.8	103.8	102.0	98.4	89.1	98.7
1985	182	-140.2	-349.0	-77.7	103.9	102.3	97.6	89.0	98.5
1986	188	-153.2	-360.4	-119.5	103.7	101.8	98.1	89.2	98.1
1987	226	-132.9	-328.8	-2.7	101.8	101.9	98.2	90.2	98.2
1988	276	-139.8	-326.5	2.0	100.9	102.1	98.0	90.3	99.1
1989	175	-151.7	-324.3	-33.7	101.6	101.4	98.6	90.5	99.0
1990	106	-131.7	-293.6	-45.9	101.7	101.3	100.6	89.9	98.1
1991	55	-135.8	-282.2	-130.1	101.5	100.9	99.2	90.3	98.7
1992	31	-113.9	-269.9	-29.8	102.1	101.2	101.7	89.8	99.3
1993	18	-100.8	-214.1	-64.7	101.8	100.6	97.8	91.7	98.0
1994	19	-104.5	-211.8	-69.7	102.0	100.7	98.0	93.0	97.5

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	12	96.7	99.8	96.7	99.8	98.0	100.2
1981	10	97.1	99.6	97.1	99.6	98.0	100.8
1982	13	96.3	99.5	96.3	99.5	98.0	99.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	179	96.3	103.1	104.8	64.1	62.8	63.9
1981	162	95.0	103.1	106.0	87.6	84.5	87.0
1982	175	94.7	102.9	106.1	88.5	84.8	87.7
1983	127	95.5	103.3	105.5	60.9	59.3	60.5
1984	127	95.4	103.6	105.9	33.2	32.3	32.9
1985	77	95.2	102.9	105.9	58.4	56.6	58.1
1986	81	93.5	104.0	107.3	52.2	51.8	53.0
1987	83	96.2	102.1	104.8	74.6	71.8	73.1
1988	90	97.1	101.7	103.9	80.3	77.1	78.4
1989	49	97.3	102.3	103.8	77.9	76.1	76.9
1990	29	95.5	102.8	105.5	65.2	64.8	65.9
1991	13	96.2	102.4	104.8	92.2	90.3	91.9

Tabel: 223 Roodbont: Vleeskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	45	100.5	102.2	98.2	98.5	102.9	99.6	100.7	96.3	107.2	100.2	95.8
1981	62	101.6	101.9	97.0	98.8	103.4	97.9	101.6	97.7	106.8	98.8	95.0
1982	71	101.8	103.1	96.5	99.2	104.5	97.5	101.3	98.0	108.7	99.9	93.8
1983	26	101.3	104.3	97.4	98.9	105.0	99.3	100.9	96.4	109.3	100.8	96.9
1984	14	102.6	105.0	96.7	99.9	105.9	98.6	101.8	97.5	109.6	100.4	98.1
1985	11	103.9	106.0	97.8	100.8	106.6	98.5	102.5	99.3	109.5	99.6	100.6
1986	17	102.9	105.6	96.6	100.2	105.9	98.9	101.8	97.8	109.7	99.1	100.7
1987	11	103.5	105.1	98.7	100.3	106.8	98.5	102.5	98.3	108.7	99.5	99.6

Tabel: 224 Roodbont: Overige productie en efficiency kenm.
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	553	99.7	96.2	0	0.0	0	0.0
1981	445	100.2	97.6	0	0.0	0	0.0
1982	430	100.8	98.9	0	0.0	0	0.0
1983	410	99.7	97.6	0	0.0	0	0.0
1984	291	98.8	98.0	0	0.0	0	0.0
1985	198	99.0	98.3	204	-3.9	0	0.0
1986	215	98.2	98.0	220	-3.9	0	0.0
1987	256	98.2	97.2	262	-3.5	0	0.0
1988	291	98.5	97.4	299	-3.7	0	0.0
1989	186	98.7	97.9	195	-3.6	0	0.0
1990	111	97.9	98.1	114	-3.3	0	0.0
1991	58	97.7	97.6	59	-3.2	0	0.0

1992	31	97.5	98.6	31	-3.4	0	0.0
1993	19	96.7	96.8	19	-2.5	0	0.0
1994	19	97.6	98.3	19	-2.5	0	0.0

Tabel: 225 Montbéliard: Melkproductiekenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1986	12	-1168.5	-65.0	-46.1	-53.4	-17.8	-5.8	-0.4	-341.4
1987	10	-1137.2	-59.8	-46.7	-51.8	-12.4	-8.1	-0.2	-332.6
1988	20	-1283.5	-66.5	-48.6	-58.6	-12.8	-3.5	-0.3	-356.8
1989	28	-1474.2	-70.8	-55.4	-67.3	-7.0	-3.5	-0.2	-396.1
1990	23	-1359.4	-64.2	-51.3	-62.0	-4.5	-3.4	-0.2	-363.7
1991	20	-1244.7	-63.4	-48.7	-57.0	-10.7	-5.5	-0.5	-349.9
1992	25	-1204.4	-59.5	-46.0	-55.0	-7.6	-3.5	-0.3	-330.3
1993	20	-1220.2	-59.8	-47.2	-55.8	-6.5	-4.0	-0.4	-336.0
1994	31	-1001.8	-52.7	-40.2	-45.7	-10.7	-5.6	-0.2	-289.1
1995	17	-1200.3	-61.5	-46.6	-54.8	-10.8	-4.8	-0.4	-336.8
1996	25	-1181.3	-60.1	-45.3	-54.0	-10.1	-3.8	-0.2	-328.3
1997	32	-747.9	-43.5	-31.6	-34.2	-13.3	-6.2	-0.1	-230.9
1998	25	-1072.2	-51.6	-37.6	-49.0	-4.4	1.7	-0.3	-277.5
1999	30	-999.1	-53.4	-38.1	-45.6	-11.9	-2.9	-0.3	-282.2
2000	29	-936.3	-49.8	-33.8	-42.7	-10.1	0.2	0.0	-255.7
2001	26	-1015.8	-48.4	-37.2	-46.2	-3.3	-0.5	0.1	-268.1
2002	18	-669.4	-40.9	-28.1	-29.6	-14.6	-5.2	1.4	-209.9
2003	26	-605.7	-37.1	-25.3	-25.4	-12.5	-4.2	2.8	-189.1
2004	18	-657.5	-45.0	-29.0	-26.5	-20.6	-6.7	4.8	-221.3
2005	19	-795.4	-47.1	-31.6	-31.4	-14.5	-3.6	7.1	-238.0
2006	21	-720.7	-44.3	-30.2	-30.8	-15.6	-5.2	2.8	-226.2
2007	18	-291.4	-23.7	-13.4	-13.0	-13.2	-3.7	0.4	-108.8
2008	22	-460.1	-31.2	-19.7	-19.1	-13.2	-3.7	2.2	-152.1
2009	13	-117.9	-20.3	-9.2	-4.7	-18.2	-5.8	1.0	-81.8
2015	14	437.7	-0.1	8.9	19.3	-22.1	-7.4	-0.8	41.8
2016	13	160.9	-9.6	3.2	10.8	-19.8	-3.0	4.4	-3.9

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	11	95.6	106.8	93.6	87.3	110.1	107.5	93.0
1991	11	95.9	107.3	94.1	87.7	110.5	105.5	92.6
1992	14	96.1	107.4	94.2	87.9	110.3	107.9	92.9
1994	14	97.0	109.2	95.6	88.6	110.6	107.0	93.5
1997	18	97.9	109.5	96.4	88.7	111.6	108.8	93.3
1998	12	97.2	108.6	95.2	87.4	111.2	108.0	93.4
1999	14	96.2	108.8	95.1	87.9	110.4	107.6	93.4

Tabel: 227 Montbéliard: Exterieurkenmerken beenwerk
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	BA	BZ	KH	BG
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1989	11	103.5	97.0	106.7	98.7
1991	11	104.2	95.6	106.5	100.1
1992	14	103.4	96.7	107.2	99.3
1994	14	104.4	95.4	105.3	100.9
1997	18	104.6	95.6	105.8	100.8
1998	12	104.1	97.1	104.9	100.2
1999	14	104.6	97.2	105.1	100.5

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	11	91.8	92.5	105.3	93.4	82.3	91.5	92.5
1991	11	92.5	92.7	104.7	93.5	84.2	92.2	93.5
1992	14	91.6	92.3	105.7	92.7	81.9	91.4	92.3
1994	14	91.9	93.1	107.2	92.1	84.8	90.6	90.8
1997	18	91.2	92.4	105.4	93.2	83.0	92.1	92.6
1998	12	92.1	92.7	104.2	94.3	83.6	92.4	92.4
1999	14	92.0	93.1	106.3	93.1	83.9	91.8	92.1

Tabel: 229 Montbéliard: Exterieurkenmerken bovenbalk
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	11	99.2	95.5	86.5	100.0	0.0	91.9
1991	11	98.5	95.7	87.5	100.5	0.0	92.8
1992	14	99.4	95.9	85.9	100.4	0.0	92.0
1994	14	99.9	96.3	86.9	101.1	0.0	93.1
1997	18	100.6	96.9	86.7	101.2	0.0	93.3
1998	12	100.0	95.9	87.9	100.8	0.0	93.4
1999	14	100.1	95.7	87.1	101.4	0.0	93.2

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1986	13	102.5	106.4	105.2	106.2	105.1	98.7	89.5	105.9
1988	14	101.9	106.4	104.8	106.1	104.6	98.3	90.1	105.6
1989	20	102.1	107.5	105.7	107.3	105.3	98.5	91.3	106.7
1990	17	102.2	107.8	105.9	107.6	105.7	98.5	91.2	107.0
1991	20	102.0	106.7	105.0	106.5	104.9	98.5	89.3	106.0
1992	19	101.8	107.3	105.6	107.1	105.1	98.3	92.1	106.5
1993	17	102.4	106.6	105.4	106.6	105.4	98.6	89.8	106.3
1994	27	102.1	106.6	105.4	106.6	105.4	98.1	90.2	106.3
1995	14	101.7	106.5	104.9	106.3	104.6	98.3	90.2	105.9
1996	16	101.8	106.6	104.9	106.6	104.6	98.2	91.2	106.0
1997	30	101.3	107.3	105.0	106.9	104.7	98.0	91.2	106.2
1998	25	101.6	106.8	104.6	106.4	104.6	97.7	89.3	105.7
1999	29	101.4	106.8	104.8	106.3	104.5	97.6	90.2	105.8
2000	29	101.5	106.5	104.7	106.2	104.7	97.8	90.4	105.7
2001	26	101.8	106.0	104.8	105.8	104.6	98.1	90.3	105.5
2002	18	101.2	106.4	104.6	106.0	104.2	97.9	90.9	105.4

2003	34	101.8	106.2	104.9	106.0	104.7	98.2	91.1	105.7
2004	33	101.7	106.2	104.9	106.2	104.8	98.2	91.1	105.8
2005	26	102.3	106.1	105.2	106.1	105.0	98.2	90.4	105.9
2006	25	101.9	107.2	105.7	107.2	105.4	97.9	90.4	106.7
2007	21	102.4	106.5	105.7	106.9	105.8	97.3	91.3	106.6
2008	22	100.7	107.5	105.4	107.0	104.4	97.0	93.0	106.4
2009	22	100.3	108.1	105.4	107.4	104.5	97.2	93.6	106.6
2010	13	103.1	105.9	106.1	106.5	106.1	98.7	92.1	106.5
2012	10	102.4	106.3	105.6	106.6	105.3	97.9	91.8	106.4
2015	14	102.7	104.4	105.1	105.1	105.4	98.2	94.0	105.4
2016	14	100.9	105.6	104.6	105.8	104.4	97.4	93.9	105.4

Tabel: 231 Montbéliard: Gebruikskennmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1988	10	98.3	76.3	100.9	102.2	103.9
1989	13	99.4	88.0	100.9	101.8	104.0
1991	10	97.9	85.6	101.5	101.5	103.8
1992	13	99.6	87.8	101.1	101.8	104.0
1994	15	95.7	93.9	100.5	100.8	102.6
1995	10	97.5	65.5	100.9	101.2	103.6
1997	19	97.2	83.6	102.0	102.2	102.5
1998	13	98.8	94.2	101.3	101.6	103.1
1999	14	99.6	94.8	100.7	101.1	103.2
2005	10	98.7	95.6	103.1	102.3	103.5

Tabel: 232 Montbéliard: NVI met onderliggende kenmerken
Basis: Melkdoel rood
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	12	-85.9	-341.4	-36.0	104.1	105.9	88.4	101.5	101.0
1988	15	-94.7	-356.8	-43.4	103.6	105.6	88.3	100.4	100.9
1989	20	-110.1	-396.1	-109.8	103.5	106.7	86.5	100.0	101.6
1990	20	-98.2	-363.7	-79.4	103.2	107.0	86.9	100.1	101.9
1991	20	-101.9	-349.9	-96.9	103.1	106.0	87.5	100.5	101.5
1992	23	-92.0	-330.3	-69.9	103.4	106.5	85.9	100.4	101.5
1993	18	-100.2	-336.0	-115.6	102.3	106.3	85.2	101.2	101.1
1994	31	-92.2	-289.1	-105.8	102.1	106.3	86.9	101.1	100.8
1995	16	-96.7	-336.8	-117.5	102.9	105.9	86.8	100.0	100.9
1996	24	-103.1	-328.3	-98.8	102.8	106.0	85.0	101.5	101.9
1997	30	-62.1	-230.9	-132.3	102.7	106.2	86.7	101.2	102.2
1998	25	-83.0	-277.5	-92.5	102.8	105.7	87.9	100.8	102.3
1999	29	-84.2	-282.2	-68.1	102.7	105.8	87.1	101.4	101.5
2000	29	-75.5	-255.7	-89.5	102.5	105.7	86.6	102.9	101.7
2001	25	-78.4	-268.1	-88.4	102.3	105.5	87.0	101.2	100.7
2002	18	-64.3	-209.9	-73.8	102.9	105.4	87.9	101.9	102.4
2003	26	-39.7	-189.1	-20.1	102.9	105.7	89.9	103.4	101.6
2004	18	-57.8	-221.3	-68.1	103.3	105.8	86.0	102.2	101.2
2005	19	-65.5	-238.0	-110.5	103.4	105.9	88.4	102.1	102.8
2006	21	-54.8	-226.2	-76.2	103.5	106.7	88.2	102.4	102.1
2007	18	-7.4	-108.8	-11.7	104.1	106.6	86.8	102.2	102.3
2008	22	-21.6	-152.1	-15.7	103.1	106.4	88.2	102.1	102.0
2009	13	9.4	-81.8	51.9	103.8	106.6	87.9	101.2	102.3
2015	14	61.9	41.8	116.6	103.1	105.4	0.0	0.0	102.1
2016	13	45.2	-3.9	121.9	103.5	105.4	0.0	0.0	101.7

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1986	12	96.2	103.7	96.2	103.7	97.6	103.6
1988	11	96.1	103.4	96.1	103.4	97.5	103.9
1989	15	96.1	103.9	96.1	103.9	97.5	103.5
1990	11	97.0	104.1	97.0	104.1	98.0	104.1
1991	10	96.3	104.5	96.3	104.5	97.3	104.7
1992	13	96.4	104.0	96.4	104.0	97.9	103.7
1993	13	95.8	103.8	95.8	103.8	95.8	104.3
1994	21	95.7	103.6	95.7	103.6	96.4	104.2
1996	10	96.9	104.1	96.9	104.1	97.7	104.6
1997	29	96.4	104.7	96.4	104.7	97.8	105.7
1998	16	96.2	105.2	96.2	105.2	97.5	105.4
1999	18	95.4	104.5	95.4	104.5	96.5	104.6
2000	12	95.1	104.5	95.1	104.5	96.6	104.8
2001	10	95.7	103.4	95.7	103.4	96.5	103.7
2003	16	94.8	105.3	94.8	105.3	97.0	105.6
2004	15	95.5	104.4	95.5	104.4	97.1	104.7
2005	12	96.4	104.9	96.4	104.9	97.7	104.5
2006	12	96.2	105.2	96.2	105.2	97.8	105.3
2007	14	95.3	105.4	95.3	105.4	95.5	105.8
2008	11	95.9	104.8	95.9	104.8	96.6	105.0
2009	15	95.8	90.9	95.8	90.9	96.9	91.1

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1986	11	92.5	110.6	110.5	89.3	76.9	76.7
1988	11	90.7	110.9	111.8	59.3	50.3	51.5
1989	13	90.9	110.1	111.3	108.2	91.1	93.8
1990	11	90.4	110.7	112.0	108.3	89.8	93.7
1991	12	90.4	110.3	112.1	81.4	68.2	69.0
1992	12	91.8	110.2	110.8	98.8	84.8	87.3
1993	11	89.9	109.8	113.0	100.7	84.5	82.7
1994	19	90.5	110.1	112.2	105.1	87.6	86.8
1995	10	90.7	109.8	112.0	76.8	64.0	64.7
1997	28	90.5	110.0	112.3	107.6	86.1	87.4
1998	16	90.6	110.6	112.2	103.5	84.1	86.5
1999	17	89.8	109.7	112.5	102.8	86.1	89.4
2000	13	91.2	110.2	111.2	75.3	63.4	66.2
2002	10	91.1	110.3	111.8	87.6	74.3	75.2
2003	16	89.7	109.8	113.1	103.9	85.9	86.5
2004	16	90.9	110.6	111.7	96.6	80.1	81.5
2005	11	91.5	111.4	111.0	110.5	92.5	94.6
2006	11	90.9	109.0	112.1	100.9	83.3	84.3
2007	13	90.5	109.2	111.7	111.2	93.1	92.9
2008	12	90.2	110.2	112.2	110.2	92.8	94.9
2009	20	90.2	110.2	112.2	98.6	83.8	85.2
2010	14	89.5	110.3	113.5	92.9	80.1	82.3
2013	10	92.0	109.7	110.2	86.3	76.1	76.4
2015	18	91.6	109.2	110.8	106.3	94.6	96.1
2016	11	91.5	108.8	110.7	105.1	96.5	99.0

Tabel: 235 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	104.8	121.9	99.4	104.7	114.5	104.1	101.1	96.5	117.6	103.6	106.6
1988	14	105.8	120.1	100.5	104.1	114.8	103.6	102.9	96.4	116.4	104.1	106.9
1989	16	107.1	121.4	99.1	104.4	117.0	103.1	103.9	95.6	118.5	102.3	108.8
1990	12	106.2	121.8	100.1	104.0	116.7	104.2	102.9	95.3	118.9	102.8	109.0
1991	14	105.1	122.0	99.9	104.9	114.6	104.4	101.4	96.7	117.7	103.7	107.1
1992	14	106.5	121.6	99.9	104.8	116.0	103.9	102.9	96.1	117.9	103.4	108.3
1993	12	103.8	121.8	100.0	105.2	113.6	105.2	100.0	95.5	118.0	103.3	107.8
1994	22	104.5	121.9	99.0	105.7	114.1	104.9	100.6	96.3	117.9	103.1	107.8
1995	11	104.6	121.7	99.5	105.3	114.4	104.9	100.8	96.1	117.5	103.4	107.6
1996	13	105.7	122.3	99.4	106.2	114.7	104.6	102.5	95.8	117.6	103.8	108.6
1997	28	104.5	121.5	99.5	105.6	113.1	105.2	100.9	96.3	117.1	103.2	108.4
1998	17	105.1	120.8	99.3	105.2	114.0	103.9	101.9	96.6	116.5	102.7	107.8
1999	19	105.8	120.9	99.4	105.0	115.2	103.3	102.8	95.7	116.9	102.8	107.7
2000	20	106.2	121.0	99.8	105.0	115.4	103.5	102.8	96.3	117.2	102.7	108.5
2001	16	105.9	121.1	100.1	106.0	114.3	105.1	102.5	96.7	117.0	104.2	108.7
2002	11	106.6	119.8	100.2	105.8	113.5	104.7	103.4	97.8	115.5	104.6	108.5
2003	20	105.8	120.7	100.0	106.2	114.0	104.2	102.3	97.2	116.4	103.5	108.2
2004	22	105.0	120.2	99.4	105.1	113.4	104.4	101.5	97.0	116.2	103.2	107.6
2005	19	104.8	121.0	99.1	105.1	113.1	104.6	100.8	97.9	117.2	103.1	107.5
2006	17	105.5	118.6	100.1	104.5	113.4	104.0	102.1	97.4	115.5	103.6	106.8
2007	16	105.2	120.4	99.2	106.7	112.5	104.7	102.3	96.7	115.4	104.0	107.8
2008	19	105.8	121.3	98.5	108.2	111.6	104.3	102.5	98.1	116.3	103.5	109.7
2009	14	104.7	120.0	100.2	106.7	112.6	104.9	102.4	95.1	115.9	104.0	108.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	11	92.4	98.3	84.3
1988	10	93.0	98.0	86.1
1989	14	94.8	100.3	84.1
1990	11	95.5	101.2	84.7
1991	12	94.4	99.8	84.9
1992	12	94.8	100.2	84.3
1993	12	92.9	99.8	84.6
1994	20	92.6	98.8	84.6
1996	10	93.9	99.6	85.7
1997	29	94.2	99.8	84.3
1998	16	94.6	100.2	83.0
1999	17	95.8	101.4	85.2
2000	12	96.0	102.1	85.2
2002	10	94.7	100.7	84.9
2003	15	94.4	100.3	88.1
2004	15	93.6	99.5	85.6
2005	11	92.8	98.6	84.2
2006	12	95.6	101.4	86.6
2007	13	91.2	99.6	81.4
2008	10	93.6	100.2	84.1
2009	14	94.3	100.4	84.2

Tabel: 237 Montbéliard: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	24	-1555.2	-6527.0	-262.5	-223.1
2002	18	-1295.4	-5028.8	-226.9	-182.8
2003	26	-920.2	-3574.4	-161.9	-129.5
2004	17	-1294.1	-4794.5	-233.2	-179.9
2005	19	-1620.8	-6357.2	-287.6	-226.2
2006	21	-1337.5	-5075.5	-235.8	-188.4
2007	18	-532.3	-2050.4	-97.8	-72.9
2008	22	-732.1	-2760.3	-131.5	-102.0
2009	16	-140.4	-93.2	-32.2	-17.4
2015	14	854.7	4126.2	131.0	127.6
2016	13	667.0	2985.8	92.4	105.4

Tabel: 238 Montbéliard: Robot / AMS kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
1992	11	98.0	105.1	97.9
1994	18	97.1	104.4	98.2
1997	24	96.9	104.9	98.0
1998	15	97.0	105.1	97.7
1999	12	99.9	106.8	96.8
2003	12	98.6	106.4	97.5
2004	12	97.2	105.1	98.1

Tabel: 239 Montbéliard: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	8	100.6	97.0	10	-3.2	0	0.0
1986	12	102.2	97.9	13	-2.4	0	0.0
1987	10	100.1	97.2	10	-3.0	0	0.0
1988	20	100.5	97.1	21	-3.2	0	0.0
1989	28	99.0	97.2	28	-3.5	0	0.0
1990	23	99.3	96.9	23	-3.3	0	0.0
1991	20	101.0	97.9	20	-2.7	0	0.0
1992	25	99.8	96.3	25	-2.6	0	0.0
1993	20	99.8	96.8	20	-2.5	0	0.0
1994	31	99.9	96.8	31	-2.0	0	0.0
1995	17	100.8	97.5	17	-3.0	0	0.0
1996	25	100.6	97.2	25	-2.4	0	0.0
1997	32	101.0	97.7	32	-1.1	0	0.0
1998	25	100.4	98.2	25	-1.5	0	0.0
1999	30	100.6	97.3	30	-1.8	0	0.0
2000	29	101.1	97.5	29	-1.3	0	0.0
2001	26	101.5	98.0	26	-1.7	8	105.9
2002	18	102.6	97.4	18	-0.7	9	106.0
2003	26	103.8	98.0	26	-0.6	8	109.2
2004	18	101.6	97.3	18	-0.8	5	107.0
2005	19	101.8	96.5	19	-1.0	9	106.9

2006	21	100.0	97.8	21	-0.7	8	107.1
2007	18	102.4	97.3	18	0.5	8	108.4
2008	22	102.5	98.3	22	-0.2	8	107.0
2009	13	103.4	97.9	16	0.5	9	107.4
2015	14	103.7	94.7	14	1.4	0	0.0
2016	13	102.8	94.4	13	1.2	0	0.0

Tabel: 240 Blonde d'Aquitaine: Vruchtbaarheidskenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	23	98.3	97.8	93.7	94.5	93.0	84.2	56.2	93.8
1984	17	97.5	98.4	93.4	94.8	92.4	83.8	60.6	93.9
1985	21	98.9	98.0	94.0	94.9	93.5	85.5	57.9	94.3
1986	23	97.7	98.4	93.8	95.0	93.0	84.6	59.0	94.2
1987	46	96.7	98.5	92.7	94.5	91.6	83.1	60.2	93.3
1988	39	97.7	97.9	93.3	94.4	92.4	84.1	59.6	93.5
1989	45	96.8	98.2	92.6	94.4	91.6	83.5	60.2	93.3
1990	57	97.5	98.4	93.6	95.0	92.5	84.6	63.4	94.0
1991	45	97.9	97.7	93.4	94.4	92.6	84.3	61.9	93.7
1992	78	97.9	97.6	93.4	94.3	92.6	84.2	60.1	93.7
1993	67	97.7	97.6	93.4	94.3	92.5	84.0	61.1	93.6
1994	89	97.5	98.1	93.4	94.7	92.3	83.8	63.3	93.8
1995	120	98.0	98.0	93.7	94.9	92.6	84.7	64.7	94.1
1996	127	97.4	98.3	93.7	94.9	92.5	84.2	63.4	94.1
1997	149	98.0	97.9	93.9	94.8	92.8	84.7	64.3	94.1
1998	174	97.3	98.3	93.5	94.8	92.3	84.1	63.7	93.9
1999	176	97.5	98.1	93.5	94.7	92.5	84.5	63.6	93.9
2000	218	97.7	98.2	93.8	95.0	92.8	85.0	64.0	94.2
2001	171	97.4	98.4	93.6	94.9	92.4	84.2	62.5	94.0
2002	203	97.6	98.2	93.6	94.9	92.6	84.5	63.2	94.0
2003	217	97.8	97.8	93.3	94.5	92.5	84.2	61.6	93.7
2004	188	97.9	98.1	93.8	94.9	92.8	84.8	63.3	94.1
2005	166	98.0	97.8	93.5	94.7	92.6	84.7	63.0	93.8
2006	201	98.1	97.9	93.5	94.7	92.8	84.5	61.4	93.9
2007	213	98.4	97.7	93.6	94.7	93.0	84.7	61.9	93.9
2008	202	98.2	97.8	93.5	94.8	92.9	84.9	62.4	93.9
2009	164	98.4	97.9	93.6	94.9	93.0	84.8	62.0	94.0
2010	108	98.3	97.4	93.4	94.5	92.9	84.8	61.9	93.7
2011	150	98.3	97.5	93.4	94.5	92.8	84.9	62.1	93.6
2012	140	98.5	97.8	93.5	94.8	93.0	84.8	61.5	93.9
2013	154	98.2	97.5	93.3	94.4	92.7	84.4	61.4	93.6
2014	142	98.2	97.3	93.4	94.4	93.0	85.1	62.5	93.7
2015	123	98.1	97.4	93.4	94.5	92.9	85.0	62.7	93.7
2016	60	97.8	97.3	93.2	94.3	92.7	84.6	62.3	93.5

Tabel: 241 Blonde d'Aquitaine: Geboortekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	68.9	123.8	133.7	11.6	7.6	7.2
1987	11	66.0	125.6	136.8	11.8	7.7	7.5
1989	19	66.6	125.3	135.8	20.2	13.3	12.4
1990	16	67.3	124.7	135.1	16.4	10.1	9.2
1991	14	65.0	124.5	137.3	18.6	12.0	11.4
1992	20	68.7	125.5	133.8	45.5	29.2	26.9

1993	20	68.3	124.5	134.1	58.6	37.6	34.7
1994	21	67.9	124.9	134.8	12.0	8.0	7.3
1995	26	67.8	124.3	134.8	29.8	19.5	18.5
1996	11	70.1	122.9	132.5	47.2	30.5	27.7
1997	26	68.6	124.6	133.8	39.7	26.0	24.3
1998	24	67.5	125.3	135.0	64.8	41.6	39.2
1999	30	68.6	124.1	134.2	56.1	36.3	33.9
2000	47	68.8	124.7	133.7	60.4	39.6	37.3
2001	26	68.5	124.7	133.9	69.0	45.5	43.1
2002	25	69.9	124.2	132.6	72.3	47.4	44.5
2003	46	70.0	124.4	132.5	84.6	55.0	50.6
2004	27	68.8	123.6	133.7	62.6	40.5	37.0
2005	40	68.9	124.5	133.5	81.2	52.6	49.1
2006	59	69.3	124.2	133.3	85.8	55.9	52.1
2007	75	68.6	124.5	134.0	113.8	74.5	68.6
2008	73	68.9	124.8	133.7	111.1	72.9	68.5
2009	79	70.2	123.4	132.4	109.2	71.1	66.2
2010	71	69.4	123.5	133.2	105.0	68.6	63.2
2011	67	70.3	122.7	132.4	113.7	73.0	67.0
2012	61	70.2	122.8	132.6	101.2	65.4	60.5
2013	64	70.2	123.4	132.4	94.4	61.2	56.4
2014	63	69.7	123.1	133.1	96.6	61.6	57.5
2015	65	69.6	123.9	133.0	99.3	63.7	59.6
2016	48	69.3	124.1	133.2	91.4	59.2	55.0
2017	45	70.1	121.9	132.5	63.4	40.5	38.2
2018	35	70.1	123.9	132.5	14.8	9.4	9.0
2019	26	70.0	123.1	132.4	15.1	9.5	8.8

Tabel: 242 Blonde d'Aquitaine: 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	117.8	149.8	106.4	130.7	131.0	115.7	107.7	102.7	132.7	118.9	121.8
1989	13	117.5	149.0	107.1	133.1	129.8	118.3	107.8	102.5	131.8	120.6	124.8
1990	15	117.5	150.2	105.7	132.9	129.9	116.7	107.7	102.3	132.1	119.0	124.3
1991	18	116.1	149.2	104.8	132.3	127.7	116.6	106.9	102.0	130.4	118.4	122.5
1992	23	117.0	149.5	107.1	131.3	131.0	117.6	106.8	101.9	132.3	119.6	123.7
1993	19	116.7	148.5	106.2	133.4	128.4	118.1	107.0	101.9	130.1	120.2	123.9
1994	14	116.1	150.0	106.2	133.1	128.9	117.4	106.6	101.4	130.9	119.6	123.4
1995	22	116.3	148.9	106.3	132.6	128.8	118.5	106.5	101.4	131.1	120.0	123.9
1996	15	115.9	147.5	105.0	132.3	128.1	117.7	106.4	101.4	130.4	118.7	123.9
1997	30	116.3	149.0	106.0	131.5	130.2	117.1	106.5	101.5	131.7	118.6	122.9
1998	24	116.8	149.5	105.0	134.0	128.3	117.3	107.4	101.7	130.7	119.0	124.0
1999	21	116.8	150.1	106.2	132.6	130.0	117.8	106.6	102.0	132.4	119.8	123.0
2000	43	115.8	148.7	105.2	132.4	128.6	117.5	106.3	101.3	130.8	118.8	122.9
2001	28	117.1	149.0	105.1	134.5	128.0	117.5	107.9	102.1	130.2	119.4	124.2
2002	43	115.8	147.6	105.5	132.3	127.4	117.5	106.5	101.7	130.0	119.0	123.1
2003	46	116.4	148.3	105.2	132.5	128.3	117.0	106.9	101.8	130.6	118.6	123.4
2004	41	116.8	147.5	104.9	132.8	127.5	116.7	107.7	102.3	129.7	118.2	124.1
2005	50	116.7	147.7	105.5	133.2	127.3	117.1	107.7	101.7	129.8	118.8	124.3
2006	69	116.1	146.8	106.1	131.6	127.3	116.9	107.1	101.6	129.4	118.3	123.6
2007	80	116.0	146.7	106.1	132.0	126.8	117.2	107.1	101.7	129.3	118.4	124.1
2008	77	117.0	148.1	105.2	133.4	127.8	117.2	107.8	101.9	130.7	118.3	125.3
2009	65	116.5	146.9	104.7	133.8	126.2	117.2	107.8	101.6	129.0	118.0	125.2
2010	51	115.6	147.5	105.8	133.4	126.2	117.7	106.8	101.2	129.3	118.6	124.3
2011	58	116.2	148.4	106.2	134.1	126.8	118.0	107.0	101.4	130.0	119.1	125.1
2012	40	114.7	146.0	106.3	130.9	126.4	117.6	105.7	101.3	129.0	118.9	122.0
2013	45	115.4	147.1	106.2	131.5	127.4	117.4	106.1	101.2	130.3	118.8	123.0
2014	20	114.8	145.2	107.5	128.8	127.3	117.5	105.5	101.2	129.6	119.0	121.5

Tabel: 243 Normande: Melkproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	10	-2328.6	-90.8	-76.7	-106.3	23.6	12.3	-0.4	-537.1
1995	14	-2154.1	-85.5	-72.0	-98.4	18.6	9.4	-0.5	-504.3
2004	22	-2020.6	-77.3	-67.2	-56.9	22.2	9.5	58.0	-454.8
2005	10	-1915.4	-77.3	-62.5	-67.2	14.0	10.6	31.6	-438.8
2006	13	-2079.8	-84.2	-67.2	-66.5	15.0	12.6	46.7	-472.5
2007	24	-1939.5	-75.2	-64.9	-60.0	19.4	8.1	46.0	-442.2
2008	14	-2008.9	-78.4	-64.9	-67.4	19.6	12.6	40.1	-450.9

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

Tabel: 244 Normande: Vruchtbaarheidsskenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	15	103.8	106.2	105.7	106.3	103.1	100.8	84.6	106.3
2004	22	103.6	106.3	105.3	106.3	102.9	100.3	85.3	106.1
2005	10	103.4	106.1	105.1	106.1	102.8	100.3	85.7	106.0
2006	14	103.8	105.8	105.2	105.9	102.9	100.5	85.9	106.0
2007	24	104.6	106.2	106.2	106.7	103.9	101.4	85.6	106.8
2008	13	103.7	105.1	104.5	105.2	102.4	100.6	84.4	105.1

Tabel: 245 Normande: NVI met onderliggende kenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	14	-154.8	-504.3	0.0	99.2	106.3	86.7	92.7	100.0
2004	22	-162.8	-454.8	-470.0	101.2	106.1	0.0	0.0	0.0
2005	10	-154.7	-438.8	-305.6	99.5	106.0	0.0	0.0	0.0
2006	13	-172.4	-472.5	-439.3	100.3	106.0	0.0	0.0	0.0
2007	24	-151.8	-442.2	-385.8	100.4	106.8	0.0	0.0	99.0
2008	14	-168.6	-450.9	-416.5	100.0	105.1	0.0	0.0	99.0

Tabel: 246 Normande: Levensproductiekenmerken
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	21	-4195.5	-17518.8	-698.7	-599.0
2005	10	-3370.8	-14313.2	-565.8	-480.8
2006	13	-4095.8	-17133.3	-693.9	-580.2
2007	23	-3742.5	-15699.8	-622.7	-536.0
2008	13	-3925.9	-16565.3	-658.6	-559.2

Tabel: 247 Normande: Overige productie en efficiency kenm.

Basis: Melkdoel rood
Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1988	10	103.7	95.6	10	-6.2	0	0.0
1995	14	103.1	93.2	14	-4.8	0	0.0
2004	22	105.5	93.2	22	-3.6	0	0.0
2005	10	106.1	93.0	10	-3.9	0	0.0
2006	13	102.8	92.2	13	-3.9	0	0.0
2007	24	106.2	93.1	24	-3.5	0	0.0
2008	14	105.2	92.1	14	-3.7	0	0.0

Tabel: 248 KRB: Melkproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
2013	34	-672.5	-15.3	-37.8	-32.2	26.1	-22.5	-2.1	-196.9
2014	34	-547.2	-13.9	-33.5	-26.1	18.8	-21.8	-1.1	-174.2
2015	38	-618.9	-15.9	-34.8	-28.2	20.6	-19.9	0.6	-184.6
2016	53	-689.9	-19.6	-35.9	-28.0	20.6	-17.1	6.9	-196.9
2017	12	-679.6	-20.7	-35.8	-29.9	17.2	-18.2	2.6	-199.2

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

Tabel: 249 KRB: Vruchtbaarheidkenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2013	34	100.5	101.6	100.8	100.8	99.8	102.4	94.7	100.8
2014	31	100.7	101.3	100.8	100.7	99.9	102.5	94.6	100.8
2015	28	100.7	101.5	100.9	100.9	99.9	102.5	94.8	101.0
2016	22	100.7	102.8	101.7	102.2	100.5	102.6	94.4	102.2

Tabel: 250 KRB: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2013	34	-68.8	-196.9	-76.6	100.5	100.8	0.0	0.0	0.0
2014	34	-51.4	-174.2	-27.9	101.6	100.8	0.0	0.0	0.0
2015	38	-52.0	-184.6	1.2	101.6	101.0	0.0	0.0	0.0
2016	53	-58.2	-196.9	-24.7	101.4	102.2	0.0	0.0	0.0

Tabel: 251 KRB: Geboortekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2017	36	85.1	104.8	118.7	0.0	0.0	0.0
2018	27	85.5	105.1	118.3	0.0	0.0	0.0

Tabel: 252 KRB: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2013	33	-1585.1	-5301.1	-226.4	-252.7
2014	33	-1250.4	-3766.5	-174.9	-202.5
2015	29	-1203.7	-3541.9	-164.3	-197.3
2016	26	-1530.5	-5301.6	-229.2	-237.5

Tabel: 253 KRB: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
2013	34	99.0	96.3	34	-1.4	0	0.0
2014	34	99.0	95.5	34	-1.2	0	0.0
2015	38	99.4	94.5	38	-1.3	0	0.0
2016	53	100.1	95.6	53	-1.5	0	0.0
2017	12	99.8	95.5	12	-1.7	0	0.0