

Genetische trends van koeien in Vlaanderen

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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 = Bespiering
Ext = Totaal exterieur
NR56 = Non Return
IAI = Interval afkalven-1e inseminatie
IEL = Interval eerste-laatste inseminatie
TKT = Tussenkalftijd
DP_ko = Drachtpercentage-koe
DP_pi = Drachtpercentage-pink
LEI = Leeftijd 1e inseminatie-pink
Vru = Vruchtbaarheidsindex
MS = Melksnelheid
Kar = Karakter
SCC = Celgetal
SKM = Subklinische mastitis
KM = Klinische mastitis
NVI = NVI
Lvd = Levensduur
Ugh = Uiergezondheidsindex
Kgh = Klauwgezondheidsindex

Bv = Bevangenheid
Mo = Mortellaro
Sp = Stinkpoot
Zz = Zoolzweer
Ty = Tyloom
Wld = Wittelij 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 = Bevelesdheid koe
Ve_ko = Vetbedekking koe
Gw_ko = Gewicht koe
Be_ka = Bevelesdheid kalf
Ve_ka = Vetbedekking kalf
Gr_ka = Groei kalf
Vlkl = Vleeskleur kalf
Be_st = Bevelesdheid 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
Witblauw Mixte
Rood Dubbeldoel
Witrood
Witblauw
Fleck Vieh
Brown Swiss
Roodbont
Montbéliard
Blonde d'Aquitaine

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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	426	-2674.5	-90.9	-89.2	-122.3	39.0	7.7	-0.3	-591.1
1981	601	-2661.6	-90.8	-88.3	-121.8	38.0	8.2	-0.5	-589.3
1982	716	-2543.4	-85.5	-85.6	-116.2	38.3	6.1	-0.2	-566.7
1983	966	-2512.4	-83.3	-85.1	-114.5	39.1	5.0	0.2	-557.8
1984	1083	-2429.2	-77.7	-82.5	-110.9	42.1	4.4	-0.0	-534.5
1985	1514	-2391.2	-75.8	-81.0	-109.0	42.4	4.8	0.1	-524.5
1986	2398	-2172.6	-67.5	-74.8	-99.2	39.6	2.4	-0.0	-479.3
1987	3526	-2199.8	-66.9	-74.6	-100.2	42.1	4.1	0.3	-476.7
1988	4977	-2047.5	-61.6	-69.6	-93.2	39.6	3.6	0.3	-442.6
1989	6438	-1948.8	-58.3	-67.4	-88.6	37.6	1.7	0.4	-425.5
1990	7929	-1773.1	-52.8	-62.3	-80.6	34.1	0.2	0.4	-390.5
1991	9759	-1657.1	-50.5	-59.1	-75.3	29.8	-1.0	0.4	-371.1
1992	11513	-1510.7	-48.4	-54.9	-68.6	23.5	-2.3	0.4	-347.3
1993	12782	-1398.3	-46.0	-51.8	-63.4	19.7	-3.5	0.5	-328.2
1994	14883	-1267.9	-43.2	-48.1	-57.5	15.6	-4.6	0.5	-305.5
1995	16749	-1149.2	-39.3	-43.9	-52.1	13.9	-4.3	0.4	-278.2
1996	17599	-1000.2	-35.1	-39.2	-45.3	10.8	-5.0	0.4	-248.1
1997	18960	-917.1	-32.1	-36.4	-41.5	10.1	-5.1	0.4	-229.4
1998	20015	-802.1	-29.5	-32.7	-36.3	6.9	-5.4	0.4	-207.3
1999	20202	-733.2	-27.6	-30.7	-33.1	5.6	-5.8	0.4	-193.8
2000	20992	-591.6	-25.7	-26.6	-26.8	0.7	-6.6	0.2	-171.3
2001	21562	-512.9	-24.8	-24.4	-23.4	-2.5	-7.3	0.0	-159.1
2002	22231	-419.2	-22.5	-21.5	-19.3	-4.5	-7.7	-0.1	-141.5
2003	22469	-369.7	-20.2	-20.3	-17.8	-4.2	-8.2	-1.0	-130.8
2004	22832	-291.1	-17.4	-16.6	-13.8	-4.8	-7.0	-0.6	-108.6
2005	22052	-219.2	-15.2	-14.0	-10.8	-5.9	-7.0	-0.9	-92.7
2006	22882	-121.1	-13.3	-10.3	-5.6	-8.4	-6.5	-0.1	-71.9
2007	21990	-46.4	-11.7	-7.5	-2.0	-10.2	-6.3	0.2	-55.9
2008	23462	1.0	-10.4	-5.7	0.5	-11.0	-6.0	0.6	-44.9
2009	22411	60.3	-7.5	-3.5	3.2	-10.4	-5.8	0.6	-28.8
2010	21742	111.9	-4.4	-1.1	5.8	-9.3	-5.1	0.7	-11.6
2011	21583	182.4	-1.3	1.8	9.9	-9.1	-4.6	1.7	7.6
2012	22126	220.5	1.1	4.0	11.6	-8.3	-3.6	1.8	22.0
2013	22651	284.9	4.6	6.3	14.9	-7.4	-3.4	2.1	40.0
2014	23730	390.4	9.2	9.6	19.8	-7.1	-3.8	2.1	64.6
2015	24191	500.4	14.5	13.3	25.2	-6.4	-4.0	2.5	92.3

2016	21333	595.2	19.9	17.3	29.6	-5.0	-3.1	2.6	121.6
2017	1410	652.1	22.9	19.5	33.0	-4.4	-3.0	3.5	138.0

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	105	85.7	96.8	88.7	88.1	100.2	96.2	95.2
1981	180	86.7	96.9	89.8	89.5	99.6	96.6	95.7
1982	245	87.0	96.6	90.1	89.9	98.8	95.6	96.4
1983	314	86.9	96.9	90.0	89.5	100.5	95.6	96.0
1984	399	87.6	97.2	90.7	90.2	101.3	95.8	95.9
1985	624	88.2	97.2	90.9	90.6	101.8	96.4	96.0
1986	985	89.4	97.2	91.7	91.5	101.7	96.2	96.4
1987	1339	89.5	97.3	92.6	92.0	101.3	95.8	96.6
1988	2130	89.9	97.2	92.9	92.3	101.3	96.0	96.9
1989	3413	90.6	97.3	93.5	92.9	101.0	95.8	97.1
1990	4303	91.2	97.1	93.9	93.4	100.7	96.4	97.1
1991	5463	91.8	97.1	94.2	93.8	100.6	96.8	97.4
1992	6676	92.6	97.5	94.9	94.5	100.4	96.8	97.6
1993	7289	93.1	97.8	95.4	94.9	100.4	96.8	97.7
1994	8620	93.6	97.7	95.7	95.3	100.1	96.9	97.8
1995	9780	94.0	97.9	96.1	95.7	100.0	97.2	97.7
1996	10711	94.4	97.9	96.6	96.2	99.6	97.3	97.4
1997	11325	95.0	98.0	96.8	96.5	99.6	97.6	97.7
1998	12411	95.5	98.3	97.3	96.9	99.5	97.8	97.9
1999	12360	95.9	98.4	97.7	97.4	99.5	98.0	98.1
2000	12717	96.5	98.6	98.1	97.9	99.2	98.5	98.7
2001	13097	97.0	98.4	98.3	98.2	99.0	98.3	98.9
2002	13353	97.5	98.5	98.7	98.5	98.6	98.5	99.0
2003	13419	98.0	98.8	99.3	99.2	98.5	98.5	99.6
2004	13336	98.3	98.9	99.2	99.3	98.7	98.9	99.3
2005	12433	98.9	99.2	99.6	99.8	98.8	99.3	99.4
2006	12857	99.5	99.5	100.0	100.0	99.1	99.6	99.8
2007	11945	100.0	99.9	100.4	100.2	99.2	99.7	100.2
2008	12281	100.3	100.0	100.5	100.4	99.3	99.9	100.6
2009	12276	100.5	100.0	100.5	100.5	99.5	99.9	100.6
2010	12715	100.8	100.1	100.7	100.7	99.6	99.9	100.7
2011	12712	101.5	100.8	101.0	101.1	100.3	99.7	100.9
2012	13058	102.3	100.9	101.4	101.6	100.4	99.7	100.8
2013	13329	102.8	100.7	101.5	102.1	100.2	99.8	100.9
2014	13502	103.3	100.9	101.7	102.6	100.2	100.2	100.9
2015	13492	103.5	101.0	101.8	102.9	100.5	100.2	101.1
2016	9118	103.9	101.2	102.2	103.4	100.6	99.9	101.1
2017	323	104.4	101.6	102.3	103.5	100.8	99.9	101.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	105	93.0	98.4	90.8	90.0
1981	180	93.2	98.6	91.3	90.6
1982	245	93.5	98.6	91.3	91.4
1983	314	93.7	99.1	91.4	91.1
1984	399	94.0	99.7	92.5	91.3

1985	624	94.2	100.3	93.4	91.7
1986	985	95.0	100.6	94.0	92.3
1987	1339	94.7	101.0	93.7	92.0
1988	2130	95.3	101.4	94.1	92.5
1989	3413	95.7	101.7	94.3	93.0
1990	4303	95.9	101.8	94.5	93.2
1991	5463	96.2	101.8	94.8	93.8
1992	6676	96.1	101.9	94.9	93.9
1993	7289	96.2	102.0	95.1	94.0
1994	8620	96.5	101.9	95.3	94.5
1995	9780	96.6	102.0	95.6	95.0
1996	10711	96.8	102.4	95.4	95.4
1997	11325	97.2	102.1	95.7	95.8
1998	12411	97.5	102.0	96.2	96.1
1999	12360	97.7	102.1	96.3	96.4
2000	12717	97.7	101.7	96.7	96.6
2001	13097	98.0	101.8	96.8	96.9
2002	13353	97.9	101.8	96.8	97.0
2003	13419	98.4	102.1	96.6	97.4
2004	13336	98.6	101.4	97.6	97.8
2005	12433	99.3	101.4	98.2	98.5
2006	12857	99.4	101.0	98.7	98.7
2007	11945	99.6	100.5	99.1	99.0
2008	12281	99.8	100.1	99.6	99.2
2009	12276	100.0	100.1	99.8	99.6
2010	12715	100.1	100.0	100.0	99.7
2011	12712	100.0	99.8	100.2	99.7
2012	13058	100.3	99.6	100.3	100.1
2013	13329	100.7	99.7	100.4	100.5
2014	13502	101.6	99.6	100.6	101.3
2015	13492	102.2	99.4	100.9	101.9
2016	9118	102.9	99.3	101.3	102.6
2017	323	103.4	99.1	101.7	103.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	105	90.6	89.0	98.9	92.3	84.4	89.5	87.6
1981	180	90.4	89.0	99.4	92.4	85.2	89.8	88.1
1982	245	91.5	90.7	99.1	93.3	85.7	91.3	89.5
1983	314	92.3	90.4	99.4	93.9	86.5	91.0	89.4
1984	399	93.0	91.0	99.5	94.4	87.2	91.5	90.2
1985	624	93.2	91.3	99.3	94.6	87.7	91.9	90.7
1986	985	93.5	92.0	99.3	95.0	88.5	92.6	91.5
1987	1339	93.1	91.7	99.7	94.5	89.0	92.7	91.4
1988	2130	93.5	92.1	99.6	94.7	90.0	93.5	92.2
1989	3413	93.8	92.4	99.5	94.9	90.5	93.7	92.4
1990	4303	94.1	92.8	99.6	95.1	91.0	94.3	93.2
1991	5463	94.3	93.3	99.8	95.4	91.5	94.9	93.8
1992	6676	94.7	93.8	100.1	95.6	92.3	95.2	94.1
1993	7289	94.6	94.0	100.2	95.6	92.9	95.6	94.5
1994	8620	94.8	94.4	100.4	95.8	93.5	96.1	95.3
1995	9780	95.3	94.8	100.6	96.0	94.2	96.4	95.7
1996	10711	95.6	95.1	100.6	96.1	94.3	96.4	95.8
1997	11325	96.1	95.4	100.5	96.5	94.9	96.8	96.2
1998	12411	96.3	95.7	100.5	96.5	95.3	97.1	96.7
1999	12360	96.6	96.3	100.2	96.7	95.8	97.4	97.2
2000	12717	96.7	97.2	100.2	96.8	96.0	98.3	98.1
2001	13097	97.0	97.5	100.5	97.4	96.6	98.8	98.5

2002	13353	97.2	98.1	100.7	97.7	97.0	99.1	98.7
2003	13419	97.7	98.2	100.4	97.9	97.5	99.2	98.9
2004	13336	98.1	98.3	100.8	98.2	98.3	99.4	99.1
2005	12433	98.6	98.8	100.6	98.4	98.8	99.7	99.7
2006	12857	98.9	99.2	100.7	98.9	99.0	100.0	100.0
2007	11945	99.3	99.8	100.6	99.3	99.5	100.2	100.2
2008	12281	99.7	100.1	100.5	99.7	100.1	100.6	100.5
2009	12276	100.0	100.0	100.3	100.1	100.3	100.6	100.3
2010	12715	100.4	100.5	99.9	100.6	100.6	100.8	100.6
2011	12712	101.0	101.1	99.6	101.2	100.8	100.8	100.6
2012	13058	101.8	101.4	99.5	102.2	101.6	101.0	100.8
2013	13329	102.1	101.5	99.8	102.7	102.2	101.1	100.9
2014	13502	102.4	101.8	99.9	103.1	103.1	101.5	101.2
2015	13492	103.0	102.4	100.1	103.6	103.9	102.0	101.6
2016	9118	103.8	102.8	100.0	104.2	104.6	102.1	101.7
2017	323	104.3	103.1	100.0	104.7	104.7	102.4	102.0

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	105	90.5	89.2	86.1	88.3	0.0	82.0
1981	180	91.5	90.2	86.3	88.8	0.0	82.8
1982	245	91.3	90.2	87.8	89.7	0.0	84.0
1983	314	91.2	90.9	88.5	89.6	0.0	84.4
1984	399	91.6	92.1	89.4	90.1	0.0	85.4
1985	624	92.0	92.8	89.8	90.7	0.0	86.2
1986	985	92.4	93.6	90.6	91.5	0.0	87.3
1987	1339	92.6	94.1	90.5	91.2	0.0	87.2
1988	2130	92.9	94.4	91.2	91.8	0.0	88.1
1989	3413	93.2	94.8	91.6	92.3	0.0	88.7
1990	4303	93.6	95.0	92.1	92.6	0.0	89.2
1991	5463	94.0	95.3	92.6	93.1	0.0	89.9
1992	6676	94.5	96.0	93.1	93.2	0.0	90.5
1993	7289	94.8	96.4	93.4	93.4	0.0	90.9
1994	8620	95.0	96.5	93.7	93.8	0.0	91.4
1995	9780	95.3	96.8	94.2	94.3	0.0	92.0
1996	10711	95.4	96.9	94.4	94.6	0.0	92.3
1997	11325	95.8	97.2	95.0	95.0	0.0	93.0
1998	12411	96.2	97.6	95.2	95.4	0.0	93.6
1999	12360	96.6	98.0	95.6	95.7	0.0	94.1
2000	12717	97.4	98.3	95.8	95.9	0.0	94.6
2001	13097	97.4	98.3	96.5	96.3	0.0	95.1
2002	13353	97.6	98.3	96.8	96.3	0.0	95.4
2003	13419	98.3	98.9	97.3	96.7	0.0	96.2
2004	13336	98.3	99.0	97.8	97.2	0.0	96.7
2005	12433	98.8	99.5	98.3	98.0	0.0	97.6
2006	12857	99.3	99.8	98.7	98.3	0.0	98.2
2007	11945	99.8	100.1	99.2	98.6	0.0	98.8
2008	12281	100.1	100.4	99.8	98.9	0.0	99.4
2009	12276	100.1	100.6	100.1	99.2	0.0	99.8
2010	12715	100.3	100.8	100.6	99.3	0.0	100.2
2011	12712	100.5	101.4	101.2	99.3	0.0	100.7
2012	13058	100.7	101.8	102.2	99.7	0.0	101.5
2013	13329	100.8	102.0	102.7	100.1	0.0	102.0
2014	13502	101.1	102.3	103.4	101.0	0.0	103.0
2015	13492	101.2	102.7	104.2	101.6	0.0	103.8
2016	9118	101.2	103.0	104.9	102.4	0.0	104.7
2017	323	101.6	103.3	105.3	103.0	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	1474	104.9	106.6	105.9	107.5	103.9	101.2	89.0	107.0
1981	1675	105.8	105.7	106.3	107.3	104.6	101.8	89.3	107.0
1982	1800	105.4	105.3	105.6	106.6	104.1	101.0	89.5	106.3
1983	1878	104.8	105.1	105.1	106.1	103.4	101.0	89.2	105.8
1984	1875	104.5	104.5	104.7	105.3	103.3	101.5	90.1	105.2
1985	2295	104.5	104.2	104.5	105.2	103.2	101.5	90.2	105.0
1986	3057	103.6	103.5	103.5	104.2	102.3	100.8	91.2	104.0
1987	3933	103.5	103.4	103.2	103.9	102.1	101.3	91.4	103.8
1988	5001	103.4	102.6	102.7	103.1	101.8	101.7	91.7	103.1
1989	6452	103.0	102.3	102.1	102.6	101.4	101.7	92.3	102.5
1990	7937	103.0	102.0	102.1	102.3	101.3	101.8	93.0	102.4
1991	9776	102.7	101.8	101.8	102.0	101.1	101.6	93.6	102.0
1992	11569	102.4	101.5	101.4	101.6	100.8	101.7	94.1	101.6
1993	12846	102.4	101.1	101.2	101.3	100.8	101.8	94.6	101.4
1994	15018	102.1	100.6	100.7	100.7	100.4	101.3	94.8	100.8
1995	16851	101.9	100.1	100.3	100.2	100.2	101.2	95.5	100.3
1996	17694	101.5	100.2	100.2	100.1	100.0	101.1	96.0	100.2
1997	19071	101.3	100.1	100.2	100.0	100.0	100.8	96.4	100.1
1998	20224	100.9	100.0	99.8	99.6	99.6	100.7	97.3	99.7
1999	20520	100.8	99.6	99.5	99.3	99.4	100.7	97.3	99.4
2000	21357	100.2	99.7	99.1	99.0	98.9	100.3	97.9	99.0
2001	22018	100.2	99.2	98.9	98.6	98.8	100.1	98.2	98.7
2002	22852	100.3	99.0	98.8	98.5	98.9	100.3	98.8	98.6
2003	23499	100.5	98.9	99.1	98.6	99.1	100.4	99.0	98.7
2004	24093	100.1	99.0	98.7	98.4	98.8	100.1	99.0	98.5
2005	23358	99.8	99.0	98.5	98.3	98.6	100.0	99.1	98.3
2006	24291	99.4	99.3	98.5	98.5	98.5	99.6	99.4	98.4
2007	23697	99.3	99.4	98.5	98.6	98.5	99.5	99.7	98.4
2008	26008	99.5	99.5	98.9	98.9	98.9	99.8	99.9	98.8
2009	25467	99.7	99.6	99.3	99.2	99.4	100.1	100.3	99.2
2010	24956	99.8	99.8	99.6	99.5	99.6	100.2	100.4	99.5
2011	24927	99.9	100.4	100.1	100.1	100.1	100.1	100.5	100.1
2012	26193	99.9	100.9	100.5	100.7	100.5	100.4	101.0	100.7
2013	27224	100.0	101.3	101.0	101.2	101.0	100.7	101.5	101.2
2014	28996	99.9	101.8	101.4	101.7	101.3	101.0	102.1	101.6
2015	29618	99.8	101.8	101.4	101.8	101.3	101.2	102.3	101.7
2016	26890	100.1	101.8	101.8	102.1	101.8	101.4	102.7	102.1
2017	2593	100.3	101.9	102.2	102.4	102.3	101.5	103.1	102.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	123	99.4	58.8	99.2	104.0	106.2
1981	184	99.0	54.0	98.8	103.4	106.0
1982	227	99.3	65.0	99.0	102.7	105.2
1983	331	99.2	66.4	98.8	103.0	105.6
1984	421	98.7	78.9	98.8	102.7	105.5
1985	646	98.9	78.1	99.3	103.1	105.6
1986	1079	98.5	85.7	99.0	102.8	105.1
1987	1359	98.8	88.4	98.5	102.2	104.7
1988	2184	98.7	93.7	98.3	101.9	104.2

1989	3439	98.8	95.2	98.2	101.7	104.0
1990	4301	98.9	96.4	98.3	101.7	103.5
1991	5399	99.0	96.5	98.0	101.2	102.9
1992	6655	99.2	97.2	97.9	101.0	102.5
1993	7084	99.1	97.4	97.9	100.9	102.4
1994	8588	99.4	97.9	97.9	100.6	101.9
1995	9828	99.1	98.1	97.8	100.3	101.7
1996	10717	99.6	98.2	97.9	100.4	101.1
1997	11366	99.6	98.5	98.1	100.4	101.0
1998	12338	99.4	98.5	98.2	100.4	100.8
1999	12332	99.4	98.7	98.2	100.1	100.6
2000	12738	99.8	99.1	98.4	100.1	100.5
2001	13184	99.5	99.2	98.5	100.1	100.4
2002	13493	99.8	99.3	98.6	100.0	100.0
2003	13540	99.6	99.2	98.6	99.9	100.0
2004	13468	99.6	99.0	98.7	99.8	99.9
2005	12574	99.6	99.5	98.8	99.6	99.8
2006	12926	99.9	99.8	99.2	99.9	100.0
2007	11968	100.1	100.2	99.2	99.7	99.9
2008	12302	100.1	100.4	99.5	99.9	100.1
2009	12244	100.1	100.3	99.8	100.0	100.2
2010	12613	100.4	100.6	100.1	100.2	100.2
2011	12619	100.4	100.6	100.9	100.9	100.6
2012	12981	100.5	100.6	101.5	101.3	100.8
2013	13148	100.6	100.8	102.0	101.7	101.0
2014	13105	100.3	101.0	102.8	102.4	101.3
2015	13168	99.9	101.3	103.5	103.0	101.7
2016	8660	99.7	101.5	104.1	103.4	102.0
2017	314	99.0	101.5	104.8	104.0	102.5

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	408	-219.6	-591.1	-207.7	105.9	107.0	86.1	88.3	98.9
1981	576	-219.2	-589.3	-208.7	105.5	107.0	86.3	88.8	99.0
1982	690	-219.9	-566.7	-196.7	104.6	106.3	87.8	89.7	99.6
1983	935	-222.4	-557.8	-232.1	105.0	105.8	88.5	89.6	99.8
1984	1051	-219.4	-534.5	-230.8	104.8	105.2	89.4	90.1	99.6
1985	1487	-191.6	-524.5	-218.8	105.1	105.0	89.8	90.7	99.8
1986	2362	-183.9	-479.3	-214.8	104.6	104.0	90.6	91.5	99.9
1987	3476	-191.1	-476.7	-244.2	104.1	103.8	90.5	91.2	99.7
1988	4947	-184.0	-442.6	-245.5	103.6	103.1	91.2	91.8	99.7
1989	6419	-181.5	-425.5	-249.0	103.3	102.5	91.6	92.3	99.7
1990	7912	-168.3	-390.5	-234.3	103.1	102.4	92.1	92.6	99.7
1991	9750	-164.9	-371.1	-246.7	102.5	102.0	92.6	93.1	99.6
1992	11499	-159.4	-347.3	-229.4	102.1	101.6	93.1	93.2	99.7
1993	12772	-153.3	-328.2	-216.3	102.0	101.4	93.4	93.4	99.7
1994	14870	-147.7	-305.5	-203.0	101.5	100.8	93.7	93.8	99.6
1995	16731	-140.1	-278.2	-196.3	101.2	100.3	94.2	94.3	99.6
1996	17581	-126.3	-248.1	-160.6	100.9	100.2	94.4	94.6	99.5
1997	18947	-118.1	-229.4	-150.3	100.9	100.1	95.0	95.0	99.5
1998	20006	-113.6	-207.3	-149.7	100.7	99.7	95.2	95.4	99.2
1999	20197	-111.7	-193.8	-154.0	100.4	99.4	95.6	95.7	99.0
2000	20985	-104.4	-171.3	-139.5	100.4	99.0	95.8	95.9	98.9
2001	21547	-98.8	-159.1	-123.9	100.3	98.7	96.5	96.3	99.0
2002	22217	-93.3	-141.5	-116.7	100.0	98.6	96.8	96.3	99.1
2003	22454	-86.2	-130.8	-112.8	100.0	98.7	97.3	96.7	99.1
2004	22818	-76.0	-108.6	-96.1	99.8	98.5	97.8	97.2	99.3
2005	22044	-69.1	-92.7	-95.7	99.7	98.3	98.3	98.0	99.4

2006	22874	-54.2	-71.9	-64.2	100.0	98.4	98.7	98.3	99.7
2007	21977	-45.7	-55.9	-46.5	99.8	98.4	99.2	98.6	99.6
2008	23448	-35.2	-44.9	-26.1	100.0	98.8	99.8	98.9	99.8
2009	22395	-20.5	-28.8	6.0	100.1	99.2	100.1	99.2	99.8
2010	21724	-8.3	-11.6	25.5	100.3	99.5	100.6	99.3	99.9
2011	21567	10.4	7.6	66.6	100.8	100.1	101.2	99.3	100.4
2012	22119	27.8	22.0	98.7	101.1	100.7	102.2	99.7	100.7
2013	22646	46.1	40.0	137.9	101.4	101.2	102.7	100.1	101.2
2014	23729	70.9	64.6	193.9	102.0	101.6	103.4	101.0	101.6
2015	24191	92.6	92.3	242.6	102.5	101.7	104.2	101.6	102.0
2016	21333	118.2	121.6	297.2	102.9	102.1	104.9	102.4	102.6
2017	1410	136.4	138.0	387.3	103.5	102.5	105.3	103.0	103.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1980	26	95.5	96.0	98.0	96.3	96.3	98.9	99.9
1981	49	96.5	97.7	98.4	96.5	98.0	98.8	99.9
1982	56	96.4	97.4	98.4	96.7	97.5	98.7	98.9
1983	57	97.3	97.2	99.0	98.2	97.4	99.4	99.2
1984	51	96.1	96.5	98.4	97.0	96.8	99.1	99.2
1985	65	96.8	96.6	99.0	97.9	96.7	99.8	99.2
1986	181	96.5	96.2	99.1	97.8	96.0	99.6	98.3
1987	120	96.4	96.4	99.0	97.5	96.2	99.5	98.5
1988	183	98.3	97.3	101.1	98.6	97.3	100.6	98.4
1989	245	97.5	96.9	100.0	98.6	96.5	99.7	98.3
1990	326	96.8	97.2	98.8	98.1	96.6	98.4	98.6
1991	466	97.9	97.7	99.7	98.6	97.5	99.4	99.1
1992	544	97.0	96.1	100.0	98.4	96.3	99.5	98.7
1993	416	98.0	97.0	100.2	99.0	97.0	100.1	99.2
1994	569	98.1	97.2	100.7	98.8	97.1	100.4	98.6
1995	818	98.2	98.0	100.2	98.5	97.8	99.5	98.8
1996	983	98.3	98.2	100.2	98.6	97.8	99.5	99.1
1997	1180	98.1	98.4	99.7	98.6	97.4	99.0	99.0
1998	1348	98.4	97.9	100.2	99.3	97.4	99.4	98.6
1999	1318	98.5	98.1	100.2	99.4	97.2	99.5	98.6
2000	1610	98.4	98.5	100.2	98.8	97.5	99.5	98.3
2001	1665	98.6	99.0	100.0	98.9	97.7	99.6	98.5
2002	1756	98.3	98.6	99.9	98.8	97.4	99.6	98.5
2003	1928	98.4	98.8	99.7	99.0	97.5	99.4	98.8
2004	2331	98.7	98.8	99.9	99.3	98.1	99.4	98.8
2005	2287	98.9	98.5	100.1	99.6	98.2	99.9	98.8
2006	2633	99.3	99.0	100.1	99.9	98.5	100.2	99.0
2007	2257	99.1	99.3	99.6	99.6	98.8	100.1	99.2
2008	2363	99.1	99.5	99.3	99.5	99.1	99.9	99.6
2009	2442	99.6	99.8	99.7	99.8	99.6	100.1	100.1
2010	2507	99.8	100.0	99.6	99.8	100.1	100.1	100.3
2011	2509	100.4	100.5	99.8	100.4	100.5	100.1	100.8
2012	2598	100.8	100.8	99.9	100.7	100.9	100.1	101.1
2013	2765	100.9	100.8	100.1	100.7	100.9	100.3	101.2
2014	2837	101.4	101.1	100.4	101.1	101.2	100.7	101.3
2015	2159	101.7	101.5	100.4	101.2	101.6	100.9	101.6
2016	1248	102.2	102.0	100.5	101.4	102.2	101.1	101.8
2017	91	102.4	102.4	100.8	101.1	102.7	100.9	102.0

Tabel: 10 Zwartbont Holstein: Levensvatbaarheidskenmerken
 Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	48	97.2	100.6	97.2	100.6	96.2	100.5
1981	75	97.5	100.3	97.5	100.3	96.5	99.4
1982	93	97.7	100.5	97.7	100.5	96.6	99.4
1983	100	97.9	100.6	97.9	100.6	96.8	99.7
1984	99	97.2	100.5	97.2	100.5	96.4	99.6
1985	135	97.4	100.5	97.4	100.5	96.6	99.7
1986	278	97.6	100.5	97.6	100.5	96.9	99.9
1987	248	97.1	100.5	97.1	100.5	96.4	99.8
1988	359	98.1	100.2	98.1	100.2	96.8	100.0
1989	465	97.6	100.6	97.6	100.6	96.8	99.9
1990	563	97.3	100.8	97.3	100.8	96.6	100.1
1991	764	98.3	100.6	98.3	100.6	97.7	100.3
1992	877	98.3	100.2	98.3	100.2	97.6	100.1
1993	856	98.4	100.7	98.4	100.7	97.7	100.4
1994	1004	98.6	100.4	98.6	100.4	97.8	100.0
1995	1311	99.1	99.9	99.1	99.9	98.3	99.6
1996	1555	99.0	99.7	99.0	99.7	98.2	99.5
1997	1826	98.7	99.8	98.7	99.8	97.9	99.6
1998	1996	99.2	99.7	99.2	99.7	98.4	99.4
1999	1964	98.8	99.6	98.8	99.6	98.1	99.5
2000	2387	99.0	99.7	99.0	99.7	98.4	99.6
2001	2539	99.0	99.7	99.0	99.7	98.5	99.6
2002	2677	99.5	99.6	99.5	99.6	99.1	99.6
2003	2762	99.4	99.8	99.4	99.8	99.1	99.8
2004	3415	99.8	99.8	99.8	99.8	99.4	99.7
2005	3471	99.7	100.0	99.7	100.0	99.4	100.0
2006	3900	100.0	100.1	100.0	100.1	99.8	100.1
2007	3549	99.7	99.9	99.7	99.9	99.7	99.9
2008	3897	99.4	100.2	99.4	100.2	99.8	99.9
2009	3875	99.6	100.2	99.6	100.2	100.1	100.1
2010	3528	99.6	100.2	99.6	100.2	100.4	99.9
2011	3432	100.0	100.5	100.0	100.5	101.1	100.0
2012	3236	100.2	100.6	100.2	100.6	101.6	100.2
2013	3214	100.4	101.1	100.4	101.1	101.7	100.7
2014	3473	101.0	101.1	101.0	101.1	102.3	100.8
2015	2846	101.2	101.4	101.2	101.4	102.3	100.9
2016	2291	101.5	101.6	101.5	101.6	102.6	101.2
2017	1419	102.2	102.0	102.2	102.0	103.1	101.6
2018	425	102.4	102.5	102.4	102.5	103.4	101.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	200	98.3	102.2	101.6	71.4	72.6	71.5
1981	325	98.3	101.7	101.5	64.7	65.6	65.3
1982	393	97.7	102.5	102.1	68.1	69.2	69.2
1983	590	97.3	103.1	102.5	78.9	81.3	81.2
1984	748	97.2	103.2	102.4	85.3	87.6	87.6
1985	1102	97.5	103.1	102.1	87.2	90.0	89.3
1986	1713	97.7	103.2	101.8	92.6	95.1	94.2
1987	2139	97.8	103.1	101.6	94.5	98.0	97.3
1988	3208	98.0	103.2	101.3	95.6	99.8	99.3
1989	4318	98.1	103.4	101.1	96.3	100.2	99.3
1990	5205	98.2	103.1	101.1	96.5	100.2	99.5
1991	5905	98.3	102.9	100.9	96.4	100.8	99.8

1992	6955	98.1	102.9	101.2	96.8	100.7	100.0
1993	6924	97.9	102.9	101.5	96.6	100.6	100.2
1994	6958	97.6	103.2	101.7	96.8	100.5	100.1
1995	7280	97.4	102.8	102.1	96.6	100.0	99.5
1996	7343	98.1	102.7	101.5	96.8	99.9	99.3
1997	7758	97.8	103.0	101.9	96.8	100.0	99.5
1998	7937	97.6	102.9	102.3	97.2	100.2	99.5
1999	7635	97.4	102.6	102.4	97.3	100.2	99.4
2000	8161	97.3	102.7	102.5	97.3	100.2	99.5
2001	8596	97.3	102.6	102.5	97.6	100.3	99.4
2002	8646	97.5	102.3	102.5	98.0	99.9	99.3
2003	9146	97.5	102.2	102.4	98.2	100.0	99.1
2004	9737	97.7	102.2	102.2	98.3	99.7	99.3
2005	9346	97.6	101.9	102.3	98.8	100.0	99.5
2006	10039	98.0	101.7	102.0	99.3	100.1	99.6
2007	10444	98.1	101.1	101.8	99.7	99.9	99.7
2008	10338	97.9	101.0	102.0	100.0	100.1	99.8
2009	12985	97.9	101.0	102.1	100.2	100.1	99.8
2010	12909	98.2	100.9	101.8	100.4	100.3	99.8
2011	12720	98.8	100.6	101.2	100.9	100.5	99.6
2012	13021	99.2	100.6	100.9	101.2	101.0	99.7
2013	13377	99.3	100.6	100.7	101.7	101.4	99.8
2014	13996	99.5	100.4	100.6	101.8	101.8	99.8
2015	13661	99.6	100.3	100.6	102.1	102.0	99.7
2016	12617	99.8	100.2	100.5	102.5	102.3	99.8
2017	10059	99.9	99.8	100.3	103.0	102.8	99.8
2018	9738	100.3	99.4	99.9	103.3	103.0	99.6
2019	1186	100.6	99.0	99.6	103.4	103.1	99.6

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	69	102.7	106.1	97.4	100.4	104.2	98.2	102.6	99.1	104.4	99.4	100.4
1981	98	102.7	106.4	97.4	100.8	104.4	98.4	102.6	99.0	104.6	99.2	101.0
1982	135	102.4	105.8	97.1	99.9	104.3	97.7	102.4	99.0	104.2	98.5	99.9
1983	165	103.1	107.2	96.2	100.5	105.6	97.4	103.0	98.7	105.3	98.1	100.6
1984	215	103.6	108.5	96.2	101.4	106.4	98.0	103.4	98.5	105.7	98.4	100.9
1985	323	103.9	108.8	96.0	101.6	106.7	98.0	103.7	98.7	105.6	98.3	101.4
1986	606	103.8	107.8	96.7	101.6	106.0	98.6	103.4	99.4	105.2	98.9	101.6
1987	723	104.1	108.5	96.2	101.6	106.4	98.2	103.7	99.4	105.3	98.6	101.6
1988	1100	104.0	108.0	96.5	101.3	106.2	98.2	103.5	99.6	105.2	98.7	101.6
1989	1513	103.7	107.3	97.0	101.0	105.5	98.3	103.3	99.5	104.7	99.0	101.5
1990	2004	103.3	106.5	97.3	100.4	105.1	98.1	103.1	99.4	104.3	99.2	100.9
1991	2654	103.3	106.1	97.6	100.5	104.8	98.1	103.1	99.5	104.3	99.4	101.0
1992	3446	102.8	105.5	98.2	100.4	104.0	98.5	102.7	99.4	103.8	99.9	101.0
1993	3697	102.9	105.4	98.4	100.5	103.9	98.8	102.8	99.5	103.8	100.0	101.2
1994	4611	102.7	104.7	98.8	100.4	103.4	99.0	102.5	99.8	103.4	100.0	101.0
1995	5756	102.2	104.1	99.0	100.1	102.9	99.2	102.0	100.0	103.1	99.9	101.0
1996	6507	101.7	103.2	99.3	99.8	102.4	99.0	101.7	99.5	102.6	99.9	100.5
1997	7777	101.6	102.8	99.4	99.6	102.3	98.8	101.7	99.4	102.3	99.9	100.3
1998	9027	101.6	102.3	99.7	99.5	102.1	98.9	101.6	99.6	102.1	99.9	100.3
1999	10027	101.2	102.4	99.6	99.7	101.6	99.0	101.2	99.7	102.0	99.9	100.3
2000	11632	101.0	101.9	100.0	99.6	101.5	99.3	101.1	99.4	101.8	100.1	100.4
2001	13171	101.0	101.3	100.3	99.5	101.2	99.4	101.2	99.6	101.3	100.2	100.3
2002	15021	100.7	100.7	100.5	99.4	100.7	99.5	101.0	99.5	100.8	100.2	100.1
2003	16468	100.4	100.4	100.4	99.5	100.2	99.7	100.8	99.4	100.5	100.4	100.2
2004	17212	100.6	100.3	100.4	99.4	100.3	99.6	100.8	99.7	100.5	100.2	100.1
2005	16661	100.4	100.2	100.4	99.6	99.9	100.1	100.7	99.8	100.3	100.4	100.1
2006	18022	100.1	100.1	100.5	99.9	99.7	100.3	100.3	99.8	100.1	100.6	99.9

2007	17872	99.9	99.8	100.5	100.0	99.5	100.3	100.2	99.6	99.9	100.6	99.9
2008	19470	99.8	99.7	100.5	99.9	99.4	100.3	100.2	99.4	99.9	100.6	99.9
2009	19265	99.7	99.7	100.4	99.9	99.3	100.4	100.1	99.4	99.8	100.7	99.9
2010	18479	99.9	99.6	100.2	99.8	99.4	100.1	100.3	99.4	99.8	100.5	99.8
2011	17382	100.1	99.8	100.0	100.2	99.6	99.7	100.8	99.1	99.8	100.3	100.1
2012	15500	100.1	99.3	100.2	100.1	99.4	99.7	100.9	98.9	99.6	100.2	100.3
2013	12971	99.9	98.9	100.4	99.9	99.1	99.8	100.9	98.6	99.5	100.7	100.2
2014	9512	99.8	98.7	100.7	99.8	99.0	99.7	101.0	98.3	98.8	100.6	100.1
2015	5383	99.8	98.5	100.9	99.5	99.0	99.7	101.0	98.2	98.8	100.7	100.2
2016	2089	99.8	98.3	101.0	99.4	99.0	99.6	101.1	98.1	98.8	100.6	100.3
2017	103	100.3	98.8	101.0	99.7	99.8	99.5	101.5	98.0	99.4	100.8	100.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	45	99.1	100.3	98.0
1981	73	98.6	99.7	98.3
1982	91	99.4	100.4	98.5
1983	89	99.3	100.2	98.7
1984	82	98.6	99.7	97.8
1985	115	98.7	99.9	97.9
1986	244	98.2	99.7	97.7
1987	197	98.3	99.7	97.8
1988	269	99.2	100.3	98.8
1989	339	98.6	100.0	98.1
1990	436	99.2	100.2	98.3
1991	580	99.6	100.5	98.5
1992	659	99.7	100.5	99.0
1993	586	99.5	100.7	98.6
1994	729	100.0	100.9	99.1
1995	944	100.1	100.8	99.1
1996	1166	100.0	100.8	99.0
1997	1360	99.8	100.3	99.0
1998	1470	100.2	100.6	99.6
1999	1439	100.2	100.7	99.5
2000	1811	100.0	100.4	99.6
2001	1958	100.3	100.6	99.6
2002	1936	100.2	100.5	99.6
2003	1962	100.3	100.5	99.6
2004	2514	100.7	100.7	100.1
2005	2611	100.6	100.9	99.8
2006	2888	100.3	100.6	99.5
2007	2571	100.1	100.2	99.7
2008	2851	100.0	100.1	99.6
2009	2787	100.4	100.4	99.6
2010	2330	100.1	100.2	99.4
2011	2227	100.3	100.6	99.6
2012	1858	100.3	100.2	99.6
2013	1666	100.6	100.6	99.8
2014	1722	100.6	100.4	99.7
2015	1472	100.6	100.3	99.9
2016	1603	101.1	100.4	100.1
2017	1565	101.0	100.5	99.7
2018	478	100.6	99.8	100.3

Tabel: 14 Zwartbont Holstein: Levensproductiekenmerken
Basis: Melkdoel zwart

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	21580	-1524.0	-6261.5	-245.7	-224.9
2002	22241	-1417.9	-5759.9	-229.9	-208.8
2003	22452	-1349.2	-5445.1	-216.4	-200.1
2004	22830	-1176.2	-4786.6	-190.2	-173.5
2005	22090	-1116.9	-4513.0	-182.3	-164.0
2006	22959	-850.8	-3372.2	-141.8	-123.7
2007	22112	-686.3	-2674.1	-117.4	-98.3
2008	23635	-514.3	-1954.3	-89.9	-72.9
2009	22849	-245.3	-870.6	-42.7	-35.1
2010	22503	-52.7	-153.1	-8.6	-8.0
2011	22425	292.2	1239.2	50.5	41.2
2012	23281	569.0	2285.3	97.8	81.0
2013	23953	907.5	3628.4	158.2	128.1
2014	25240	1393.8	5640.4	244.3	195.9
2015	26024	1842.9	7435.0	324.7	258.2
2016	23412	2349.7	9345.4	414.3	329.5
2017	7485	3269.6	12718.2	574.8	460.3
2018	5073	3976.1	15387.9	694.0	562.7

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

Jaar	Aantal	Eff	Int	Gewen
1980	38	99.0	96.3	101.9
1981	57	100.3	95.9	101.7
1982	74	100.3	96.8	101.8
1983	80	98.8	96.6	102.3
1984	75	98.7	96.0	102.3
1985	93	98.8	96.5	102.1
1986	203	99.3	97.1	102.0
1987	166	99.5	96.6	101.8
1988	235	99.2	96.1	101.6
1989	297	99.0	96.8	102.0
1990	420	99.6	97.0	102.3
1991	523	99.6	97.0	101.7
1992	646	100.1	96.9	101.4
1993	557	99.5	97.1	101.6
1994	696	99.6	96.9	101.4
1995	941	99.5	97.2	100.8
1996	1048	99.8	97.7	101.3
1997	1245	99.8	97.7	101.5
1998	1356	99.8	97.8	101.6
1999	1298	99.8	98.0	101.6
2000	1598	100.1	98.7	101.1
2001	1747	100.0	98.9	100.8
2002	1780	100.0	98.6	101.0
2003	1972	100.3	98.5	100.9
2004	2281	100.1	99.2	100.5
2005	2403	100.0	99.6	100.8
2006	2774	100.1	100.2	100.7
2007	2604	100.2	100.5	100.6
2008	3103	100.1	100.7	100.5
2009	3471	100.0	101.1	100.3
2010	3830	100.0	101.6	100.2
2011	3897	99.9	102.5	99.8
2012	4219	99.7	103.0	99.9

2013	4291	99.7	103.7	99.9
2014	4758	99.1	104.6	100.1
2015	5066	98.7	104.8	99.9
2016	4847	98.1	104.4	100.1
2017	438	97.3	104.4	100.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	426	99.6	97.3	21	-3.6	0	0.0
1981	601	98.5	97.0	32	-2.9	0	0.0
1982	716	98.7	98.4	46	-3.4	0	0.0
1983	966	98.4	98.4	37	-2.8	0	0.0
1984	1083	98.3	98.9	27	-2.9	0	0.0
1985	1514	98.6	99.2	1529	-4.9	0	0.0
1986	2398	98.0	99.4	2353	-4.5	0	0.0
1987	3526	97.6	98.9	3518	-4.4	0	0.0
1988	4977	97.8	98.8	4941	-4.1	0	0.0
1989	6438	97.9	99.1	6417	-3.9	0	0.0
1990	7929	98.2	99.2	7870	-3.6	0	0.0
1991	9759	98.1	99.1	9695	-3.4	0	0.0
1992	11513	98.2	99.3	11437	-3.2	0	0.0
1993	12782	98.3	99.3	12741	-3.0	0	0.0
1994	14883	98.4	99.3	14812	-2.8	0	0.0
1995	16749	98.3	99.1	16666	-2.6	0	0.0
1996	17599	99.0	99.1	17505	-2.3	0	0.0
1997	18960	99.0	99.0	18825	-2.2	0	0.0
1998	20015	99.3	98.9	19900	-1.9	0	0.0
1999	20202	99.2	98.7	20106	-1.8	0	0.0
2000	20992	99.7	98.5	20848	-1.6	0	0.0
2001	21562	100.0	98.6	21406	-1.5	13096	97.0
2002	22231	100.1	98.5	22095	-1.3	13351	97.2
2003	22469	99.9	98.4	22320	-1.2	13412	97.7
2004	22832	100.2	98.7	22694	-1.0	13326	97.9
2005	22052	100.3	98.7	21880	-0.8	12431	98.5
2006	22882	100.5	98.9	22733	-0.6	12853	99.1
2007	21990	100.7	98.9	21918	-0.4	11937	99.7
2008	23462	101.0	99.1	23457	-0.2	12274	100.0
2009	22411	101.1	99.4	22606	-0.1	12270	100.1
2010	21742	101.3	99.5	22214	0.0	12710	100.4
2011	21583	101.7	100.0	22141	0.3	12706	101.4
2012	22126	101.9	100.6	23010	0.5	13051	101.9
2013	22651	102.2	100.7	23685	0.6	13318	101.9
2014	23730	102.7	100.9	25133	0.9	13495	102.2
2015	24191	103.2	100.9	26009	1.1	13485	102.5
2016	21333	103.7	100.9	23476	1.4	9115	102.9
2017	1410	104.0	100.8	7629	1.6	322	103.5
2018	0	0.0	0.0	7374	1.9	0	0.0
2019	0	0.0	0.0	958	2.0	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	-2248.3	-83.2	-83.9	-101.8	30.6	-4.7	0.8	-549.2

1984	21	-1845.8	-70.4	-73.3	-85.9	20.2	-10.2	-2.9	-474.0
1985	36	-1934.3	-75.2	-74.6	-87.8	19.3	-7.6	0.5	-490.3
1986	41	-1821.1	-69.1	-71.8	-84.5	21.0	-9.2	-2.2	-464.9
1987	102	-1858.0	-68.9	-71.6	-85.0	23.8	-6.9	-0.6	-463.6
1988	209	-1852.3	-67.1	-71.7	-84.4	26.7	-7.1	-0.2	-460.4
1989	382	-1806.2	-66.9	-69.3	-82.5	23.6	-5.9	-0.5	-449.3
1990	533	-1773.3	-66.6	-68.4	-81.2	22.2	-6.1	-0.7	-444.9
1991	766	-1603.3	-61.7	-63.5	-73.2	17.2	-8.0	-0.4	-411.9
1992	1164	-1543.1	-60.7	-61.6	-70.4	14.3	-8.4	-0.2	-401.1
1993	1614	-1484.8	-60.2	-60.3	-67.8	10.9	-9.7	-0.3	-394.2
1994	2106	-1363.5	-50.4	-54.1	-62.3	17.0	-6.9	-0.3	-346.5
1995	2842	-1312.5	-48.1	-51.9	-60.0	16.9	-6.2	-0.4	-331.8
1996	3279	-1202.3	-43.0	-48.8	-54.9	17.0	-7.3	-0.3	-306.7
1997	4003	-1081.8	-40.8	-45.2	-49.4	12.2	-8.3	-0.3	-285.9
1998	5046	-1031.7	-37.7	-42.4	-47.1	13.2	-6.8	-0.3	-267.1
1999	5138	-972.4	-35.6	-39.7	-44.4	12.4	-5.9	-0.3	-250.7
2000	5827	-812.0	-31.3	-34.7	-37.1	8.1	-6.9	-0.3	-219.2
2001	6260	-696.7	-29.0	-31.4	-32.0	4.3	-7.9	-0.4	-199.3
2002	6329	-556.8	-24.7	-26.9	-25.8	1.6	-8.5	-0.6	-169.9
2003	6410	-466.5	-21.6	-23.8	-22.9	0.3	-8.6	-2.0	-149.8
2004	6570	-354.8	-16.6	-19.8	-17.7	0.4	-8.4	-1.9	-121.4
2005	6539	-185.3	-13.9	-14.9	-10.4	-5.7	-9.6	-2.5	-93.4
2006	6557	-72.8	-12.5	-11.3	-4.0	-9.9	-10.0	-0.9	-73.6
2007	6524	-67.9	-9.7	-9.6	-4.0	-7.0	-8.2	-1.2	-61.0
2008	7016	-18.3	-7.4	-6.6	-1.6	-6.9	-6.6	-1.1	-43.1
2009	6823	-10.7	-9.2	-6.5	-0.3	-9.6	-6.9	0.2	-46.0
2010	6722	49.4	-6.5	-3.3	2.3	-9.5	-5.7	0.1	-26.5
2011	6256	152.5	-1.2	0.9	7.2	-8.6	-5.0	0.3	3.3
2012	5932	198.0	0.9	3.0	9.7	-8.5	-4.3	0.8	17.1
2013	5867	244.0	3.9	5.5	11.8	-7.3	-3.3	0.8	34.2
2014	5701	303.6	6.4	7.8	14.5	-7.3	-3.0	0.8	50.0
2015	5400	364.9	9.6	10.7	17.9	-6.7	-2.3	1.5	69.3
2016	4268	457.9	11.9	13.4	22.2	-8.9	-3.0	1.6	86.7
2017	179	516.6	11.5	14.0	24.3	-12.5	-4.7	0.9	88.9

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
1984	10	90.3	96.9	92.6	92.2	100.4	92.9	96.4
1985	23	90.2	95.7	91.5	92.1	99.6	95.3	96.5
1986	22	91.0	95.9	92.8	93.2	99.7	95.4	96.9
1987	57	91.5	97.0	93.4	94.0	100.3	94.6	97.1
1988	111	91.4	97.4	93.6	93.8	100.8	94.5	97.5
1989	222	91.5	97.2	93.4	93.8	100.5	95.0	97.8
1990	323	91.1	97.1	93.2	93.6	100.5	94.9	97.0
1991	471	92.3	97.4	94.1	94.5	100.0	94.7	97.8
1992	734	93.0	97.3	94.0	94.7	100.2	95.1	98.5
1993	1020	93.9	97.7	94.8	95.4	100.4	94.9	99.1
1994	1285	94.0	98.4	96.0	95.9	100.5	95.2	99.5
1995	1748	93.8	98.6	96.4	96.4	100.1	95.5	99.4
1996	2033	94.6	98.7	97.6	97.3	99.8	95.1	100.0
1997	2483	95.0	98.9	97.8	97.6	99.9	95.8	99.5
1998	3102	95.6	99.7	98.6	98.3	100.0	96.0	99.5
1999	3064	96.2	99.7	98.6	98.5	100.0	95.8	99.7
2000	3600	97.1	99.3	98.1	98.1	100.1	96.7	99.7
2001	3897	97.7	99.9	98.8	98.7	100.0	96.5	100.2
2002	3852	98.4	99.9	99.3	99.5	99.3	97.0	100.5
2003	3843	99.1	100.0	99.7	100.0	99.3	97.6	100.2

2004	3913	99.1	100.1	99.9	100.3	98.8	97.8	100.4
2005	3809	99.3	100.2	100.1	100.5	98.4	98.3	101.1
2006	3777	99.8	100.4	100.4	100.8	98.7	98.6	101.2
2007	3694	100.1	100.3	100.4	101.0	98.7	99.0	100.8
2008	3956	100.5	100.1	100.2	100.7	98.9	99.1	100.7
2009	3982	101.1	100.6	100.5	100.7	99.5	99.4	100.8
2010	4051	101.5	100.4	100.5	100.9	99.2	99.7	101.1
2011	3831	101.6	100.4	100.6	101.0	99.1	99.8	100.9
2012	3678	101.4	100.3	100.4	100.8	99.2	100.0	101.0
2013	3670	101.7	100.4	100.5	101.2	99.1	99.5	101.0
2014	3326	102.2	100.6	100.8	101.8	99.2	99.4	100.9
2015	3156	102.8	100.5	101.1	101.9	99.2	99.7	100.9
2016	1780	103.7	100.6	101.6	102.6	99.2	100.3	101.1
2017	60	104.0	100.8	101.5	102.8	99.2	100.5	101.1

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

Jaar	Aantal	BA	BZ	KH	BG
1984	10	94.1	100.8	94.3	91.1
1985	23	93.8	100.4	93.7	91.4
1986	22	94.0	101.2	93.5	91.4
1987	57	94.1	101.8	93.9	91.3
1988	111	94.6	101.1	93.8	92.0
1989	222	95.1	101.9	93.8	92.6
1990	323	95.3	101.6	94.0	92.7
1991	471	95.1	102.4	94.0	92.3
1992	734	95.5	101.6	94.8	92.6
1993	1020	96.1	101.5	95.2	93.4
1994	1285	94.6	101.9	94.4	92.5
1995	1748	95.0	102.4	94.4	92.8
1996	2033	96.4	103.0	94.5	94.0
1997	2483	96.7	103.4	94.4	94.5
1998	3102	97.2	103.9	94.2	95.0
1999	3064	97.6	103.4	94.6	95.3
2000	3600	98.1	102.8	96.2	96.0
2001	3897	98.3	102.9	96.4	96.1
2002	3852	98.1	102.7	96.5	96.2
2003	3843	98.1	102.6	96.7	96.4
2004	3913	98.2	103.0	96.5	96.6
2005	3809	98.4	103.2	96.1	97.1
2006	3777	98.9	102.6	96.8	97.6
2007	3694	99.0	102.1	97.3	98.0
2008	3956	98.8	101.5	98.1	98.0
2009	3982	99.5	101.2	98.7	98.9
2010	4051	100.3	100.6	99.4	99.7
2011	3831	101.3	100.5	99.7	100.9
2012	3678	101.6	100.5	100.0	101.4
2013	3670	101.9	100.4	100.2	101.7
2014	3326	102.3	100.2	100.5	102.0
2015	3156	102.5	100.0	100.7	102.3
2016	1780	102.8	99.9	100.8	102.6
2017	60	103.1	100.2	101.0	102.7

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1984	10	94.3	91.1	100.8	96.7	90.5	93.8	93.3
1985	23	95.9	91.6	100.8	97.0	90.4	93.7	92.8
1986	22	96.5	92.1	101.0	96.9	92.0	94.6	93.8
1987	57	96.2	92.0	101.5	97.2	92.7	93.5	93.1
1988	111	95.9	92.2	101.9	97.0	92.0	93.7	93.3
1989	222	95.6	92.7	102.3	96.5	92.1	93.7	93.5
1990	323	95.1	92.1	102.5	96.2	92.2	93.3	93.0
1991	471	95.7	92.4	102.2	96.7	92.8	93.6	93.3
1992	734	96.4	92.4	101.6	97.5	92.9	93.4	93.5
1993	1020	96.8	93.0	101.5	97.7	93.3	93.8	93.9
1994	1285	96.4	93.6	100.6	96.5	92.4	94.0	94.4
1995	1748	96.2	93.7	101.3	96.1	92.4	94.4	94.5
1996	2033	96.4	94.2	101.5	96.2	93.8	95.2	95.1
1997	2483	96.5	94.3	100.9	96.2	94.1	95.4	94.9
1998	3102	96.3	95.0	100.9	95.9	95.0	96.0	95.6
1999	3064	96.6	95.5	101.0	96.5	95.9	96.9	96.4
2000	3600	97.7	96.0	100.8	98.1	96.2	97.4	97.0
2001	3897	98.0	95.9	101.2	98.1	96.5	97.6	97.2
2002	3852	98.1	96.2	101.2	98.2	97.0	98.0	97.6
2003	3843	98.7	96.8	100.7	98.8	97.6	98.2	97.8
2004	3913	98.5	97.1	101.1	98.3	98.1	98.8	98.5
2005	3809	98.3	97.4	101.9	98.0	98.5	99.1	99.1
2006	3777	99.0	97.9	101.6	98.6	99.0	99.2	99.5
2007	3694	99.4	98.4	101.1	99.2	99.2	99.4	99.8
2008	3956	99.7	98.7	100.8	99.7	99.5	99.7	100.1
2009	3982	100.1	98.9	100.8	100.4	99.9	100.0	100.1
2010	4051	100.6	99.5	100.4	100.9	100.6	100.4	100.8
2011	3831	100.9	99.8	100.1	101.0	101.0	100.6	101.1
2012	3678	101.4	99.8	100.2	101.5	101.4	100.9	101.3
2013	3670	102.3	100.2	100.4	102.2	101.9	101.1	101.5
2014	3326	103.1	100.5	100.6	102.9	102.4	101.1	101.4
2015	3156	103.6	101.0	100.6	103.7	103.1	101.6	101.8
2016	1780	104.3	101.4	100.2	104.5	103.4	101.9	101.8
2017	60	104.0	102.0	100.2	104.1	103.4	102.2	102.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1984	10	90.8	93.6	92.4	90.4	0.0	87.3
1985	23	91.3	92.5	93.0	90.1	0.0	87.4
1986	22	92.1	93.6	94.0	90.1	0.0	88.1
1987	57	92.5	94.9	94.0	90.4	0.0	88.8
1988	111	92.7	95.5	93.6	91.1	0.0	89.0
1989	222	93.1	95.2	93.3	91.8	0.0	89.3
1990	323	92.5	94.8	93.0	91.8	0.0	88.9
1991	471	93.2	95.5	93.6	91.5	0.0	89.4
1992	734	93.7	95.9	94.2	91.9	0.0	90.1
1993	1020	94.3	96.8	94.6	92.8	0.0	91.1
1994	1285	95.3	97.5	93.6	91.7	0.0	90.5
1995	1748	95.6	97.8	93.6	92.0	0.0	90.7
1996	2033	96.1	98.5	94.4	93.3	0.0	92.0
1997	2483	96.4	98.7	94.6	93.6	0.0	92.5
1998	3102	96.9	99.3	94.8	94.1	0.0	93.1
1999	3064	97.0	99.4	95.5	94.5	0.0	93.7
2000	3600	97.1	99.2	96.7	95.6	0.0	94.9
2001	3897	97.7	99.7	96.9	95.7	0.0	95.3
2002	3852	98.2	99.8	97.2	95.7	0.0	95.7

2003	3843	98.6	100.1	97.9	95.9	0.0	96.3
2004	3913	98.9	100.0	97.8	96.0	0.0	96.4
2005	3809	99.5	99.9	97.8	96.3	0.0	96.7
2006	3777	99.9	100.4	98.4	97.0	0.0	97.6
2007	3694	99.9	100.4	98.9	97.4	0.0	98.1
2008	3956	99.8	100.4	99.3	97.5	0.0	98.3
2009	3982	100.2	100.7	99.9	98.5	0.0	99.3
2010	4051	100.5	100.8	100.6	99.4	0.0	100.2
2011	3831	100.4	100.8	100.8	100.5	0.0	101.0
2012	3678	100.5	100.8	101.4	101.1	0.0	101.6
2013	3670	100.3	100.9	102.2	101.4	0.0	102.1
2014	3326	100.3	101.3	103.0	101.8	0.0	102.8
2015	3156	100.6	101.4	103.8	102.0	0.0	103.5
2016	1780	101.1	101.8	104.6	102.4	0.0	104.3
2017	60	101.3	101.9	104.3	102.7	0.0	104.4

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	35	103.8	107.7	106.1	107.9	103.9	101.1	87.6	107.2
1981	25	103.8	106.1	105.7	106.6	104.2	101.6	90.2	106.4
1982	15	104.4	105.3	105.3	105.9	104.3	101.5	90.1	105.8
1983	16	103.1	105.3	104.6	105.2	103.2	101.0	88.9	105.2
1984	29	102.4	103.6	102.6	103.0	101.9	100.6	89.3	102.9
1985	43	102.3	103.5	102.9	103.4	102.0	101.0	90.4	103.3
1986	58	103.1	103.9	103.8	104.2	103.1	101.4	91.7	104.2
1987	112	102.7	103.2	102.8	103.2	102.4	101.1	91.2	103.2
1988	210	102.6	103.4	102.8	103.2	102.4	101.4	91.4	103.2
1989	384	102.6	103.1	102.7	103.0	102.3	101.2	91.3	103.0
1990	536	102.3	103.1	102.5	102.8	102.1	101.2	91.4	102.9
1991	769	101.9	102.6	102.0	102.2	101.6	101.0	92.3	102.2
1992	1165	101.9	102.6	102.1	102.3	101.6	100.9	93.1	102.3
1993	1625	102.0	102.3	101.9	102.0	101.6	100.8	94.0	102.1
1994	2125	101.8	101.8	101.7	101.6	101.4	100.8	94.2	101.8
1995	2866	101.3	101.9	101.3	101.4	101.0	100.4	94.1	101.5
1996	3325	100.6	101.3	100.4	100.3	100.1	100.2	94.8	100.4
1997	4045	99.8	101.5	100.1	100.2	99.6	100.1	95.0	100.1
1998	5122	99.4	101.7	99.9	100.1	99.3	100.4	95.6	100.0
1999	5234	99.5	101.7	100.2	100.5	99.7	100.3	96.2	100.4
2000	5944	100.1	100.9	100.3	100.2	100.2	100.5	96.7	100.3
2001	6421	99.8	100.9	100.2	100.0	100.0	100.4	97.3	100.1
2002	6574	99.0	101.3	100.0	100.0	99.5	100.3	98.5	100.0
2003	6746	98.8	100.9	99.7	99.7	99.3	100.2	99.0	99.7
2004	6910	98.8	100.6	99.5	99.3	99.2	100.1	98.4	99.4
2005	6898	98.6	100.6	99.5	99.2	99.2	100.3	98.4	99.3
2006	6975	98.7	100.1	99.2	98.8	99.1	100.2	98.8	98.9
2007	6983	98.5	100.2	99.2	98.8	99.1	100.1	99.3	98.9
2008	7809	99.1	100.1	99.6	99.0	99.6	100.1	99.8	99.3
2009	7798	99.4	100.5	100.2	99.8	100.2	100.1	100.1	100.0
2010	7701	99.5	100.4	100.2	99.7	100.3	100.2	100.1	100.0
2011	7185	99.4	100.3	100.0	99.5	100.2	99.9	100.2	99.7
2012	7070	99.5	100.6	100.5	100.0	100.6	100.1	100.1	100.2
2013	7069	99.5	100.9	100.7	100.3	100.9	100.4	100.5	100.6
2014	6940	99.6	101.4	101.2	101.0	101.3	100.4	100.7	101.2
2015	6550	99.4	101.9	101.4	101.4	101.5	100.3	101.0	101.5
2016	5335	99.2	102.0	101.4	101.5	101.5	100.1	101.8	101.6
2017	369	99.2	102.3	101.7	101.9	101.8	100.2	102.3	102.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1984	13	99.5	99.5	98.9	101.2	103.0
1985	20	100.7	89.6	98.3	101.0	102.9
1986	21	100.2	94.6	98.7	100.8	102.9
1987	59	99.8	97.3	98.7	100.9	102.6
1988	117	100.2	97.2	99.1	101.0	102.8
1989	215	100.0	98.1	98.6	100.5	102.4
1990	319	100.1	98.0	98.5	100.1	102.1
1991	451	100.5	99.2	98.6	100.2	102.0
1992	720	101.8	100.6	98.4	100.0	101.5
1993	987	101.7	100.7	98.2	99.6	101.4
1994	1253	102.3	100.4	98.3	99.4	101.2
1995	1732	101.8	100.4	98.3	99.3	100.9
1996	1992	101.4	100.2	98.4	99.0	100.8
1997	2429	101.6	100.2	98.3	98.7	100.4
1998	3036	101.4	100.1	98.2	98.5	99.7
1999	2995	100.7	99.9	98.2	98.3	99.3
2000	3555	100.7	100.0	99.0	99.4	100.4
2001	3883	100.9	99.7	98.7	99.0	99.9
2002	3861	100.9	99.2	98.2	98.3	99.2
2003	3866	101.0	99.4	98.2	98.2	99.2
2004	3911	101.1	99.3	98.3	98.1	98.8
2005	3800	101.5	99.4	98.5	98.2	98.7
2006	3768	101.7	100.0	98.8	98.4	98.9
2007	3682	101.7	100.0	98.8	98.4	98.9
2008	3932	101.3	100.1	99.2	98.6	99.1
2009	3930	100.6	100.3	99.8	99.3	99.9
2010	3991	100.5	100.4	100.1	99.5	99.9
2011	3763	100.5	100.5	100.7	99.9	99.9
2012	3627	100.5	100.7	101.3	100.3	100.2
2013	3570	100.8	101.1	101.8	100.7	100.4
2014	3226	101.0	101.7	102.1	101.0	100.4
2015	3085	100.8	101.3	102.8	101.5	100.6
2016	1740	101.0	101.2	103.3	101.9	101.1
2017	59	101.2	101.8	103.7	102.3	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	-225.2	-549.2	-119.3	104.3	105.2	90.2	90.0	100.0
1984	21	-217.8	-474.0	-161.4	102.5	102.9	92.4	90.4	98.2
1985	36	-204.6	-490.3	-190.2	102.4	103.3	93.0	90.1	99.7
1986	41	-190.5	-464.9	-190.7	102.4	104.2	94.0	90.1	99.4
1987	102	-200.7	-463.6	-225.0	102.1	103.2	94.0	90.4	99.3
1988	209	-201.4	-460.4	-237.0	102.2	103.2	93.6	91.1	99.1
1989	382	-199.6	-449.3	-239.9	101.7	103.0	93.3	91.8	99.2
1990	533	-199.1	-444.9	-237.2	101.4	102.9	93.0	91.8	99.0
1991	766	-195.0	-411.9	-251.6	101.3	102.2	93.6	91.5	98.7
1992	1163	-188.6	-401.1	-218.6	101.0	102.3	94.2	91.9	99.1
1993	1614	-189.6	-394.2	-237.6	100.7	102.1	94.6	92.8	99.3
1994	2104	-182.0	-346.5	-268.9	100.5	101.8	93.6	91.7	99.2
1995	2842	-176.4	-331.8	-235.1	100.3	101.5	93.6	92.0	99.6
1996	3278	-172.4	-306.7	-245.4	100.1	100.4	94.4	93.3	99.4

1997	4002	-167.7	-285.9	-248.0	99.6	100.1	94.6	93.6	99.3
1998	5046	-165.9	-267.1	-276.8	99.1	100.0	94.8	94.1	99.4
1999	5137	-153.3	-250.7	-254.9	98.7	100.4	95.5	94.5	99.9
2000	5827	-123.5	-219.2	-156.9	100.0	100.3	96.7	95.6	99.7
2001	6260	-120.7	-199.3	-159.6	99.5	100.1	96.9	95.7	99.5
2002	6329	-116.3	-169.9	-188.6	98.7	100.0	97.2	95.7	99.4
2003	6408	-107.8	-149.8	-171.9	98.6	99.7	97.9	95.9	99.2
2004	6569	-100.7	-121.4	-187.0	98.3	99.4	97.8	96.0	98.8
2005	6538	-85.6	-93.4	-161.5	98.3	99.3	97.8	96.3	98.9
2006	6557	-71.6	-73.6	-99.6	98.6	98.9	98.4	97.0	99.1
2007	6522	-61.4	-61.0	-72.4	98.5	98.9	98.9	97.4	98.8
2008	7016	-46.0	-43.1	-35.3	98.7	99.3	99.3	97.5	99.2
2009	6823	-32.6	-46.0	-2.4	99.6	100.0	99.9	98.5	99.2
2010	6721	-18.1	-26.5	13.0	99.7	100.0	100.6	99.4	99.3
2011	6256	2.2	3.3	44.3	99.9	99.7	100.8	100.5	99.5
2012	5932	21.3	17.1	84.1	100.3	100.2	101.4	101.1	99.9
2013	5866	38.5	34.2	123.7	100.6	100.6	102.2	101.4	100.1
2014	5701	55.2	50.0	157.7	100.7	101.2	103.0	101.8	100.6
2015	5400	73.9	69.3	191.6	101.1	101.5	103.8	102.0	101.1
2016	4268	91.4	86.7	237.2	101.6	101.6	104.6	102.4	101.5
2017	179	97.2	88.9	297.1	101.9	102.0	104.3	102.7	102.1

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1987	11	94.8	94.6	99.3	97.2	93.7	98.7	96.1
1989	12	95.7	95.4	99.5	97.8	95.0	98.2	96.5
1990	13	95.2	95.0	98.9	98.2	93.8	98.8	96.5
1991	33	94.2	94.8	97.9	96.2	95.2	97.7	97.3
1992	18	94.3	94.3	98.8	96.7	93.8	97.9	96.4
1993	41	95.4	95.9	98.7	97.2	95.7	98.2	96.8
1994	61	95.7	96.6	99.4	96.0	96.4	99.1	96.8
1995	54	95.1	95.9	99.1	96.1	95.2	99.3	96.5
1996	92	95.6	95.6	99.3	97.2	95.0	99.3	96.1
1997	112	95.9	95.6	99.8	98.1	94.7	98.6	95.8
1998	171	95.9	96.4	99.7	97.5	95.1	97.8	96.0
1999	162	96.7	96.7	100.2	98.2	95.4	99.1	96.2
2000	254	96.6	97.8	99.2	97.6	96.2	99.1	96.5
2001	290	96.1	97.4	98.8	97.0	96.4	98.9	96.7
2002	357	96.2	97.0	99.1	97.6	95.8	99.2	96.0
2003	402	96.7	97.9	98.9	97.7	96.5	99.0	96.7
2004	440	97.0	98.5	98.8	97.8	97.1	98.9	97.2
2005	474	98.0	98.9	100.0	98.5	97.4	99.5	97.3
2006	568	97.9	99.1	99.3	98.3	97.8	99.4	98.0
2007	468	98.1	99.4	99.1	98.5	98.1	99.5	98.3
2008	610	98.3	99.6	98.8	98.7	98.6	99.8	99.0
2009	575	98.8	99.7	99.2	99.2	98.8	99.9	99.0
2010	586	99.3	100.1	99.2	99.6	99.6	100.3	99.0
2011	552	99.6	100.5	99.2	99.7	100.0	100.3	99.3
2012	490	100.2	100.9	99.7	99.9	100.5	101.1	99.7
2013	545	100.9	101.6	100.0	100.4	100.9	101.6	100.0
2014	442	101.0	101.7	99.8	100.4	101.2	101.9	100.2
2015	412	101.5	102.0	100.2	100.7	101.5	102.5	100.2
2016	145	101.7	102.2	100.4	100.9	101.7	102.8	100.2

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

Land: VL

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1986	11	95.2	101.1	95.2	101.1	96.2	99.4
1987	20	96.0	101.3	96.0	101.3	96.5	99.7
1988	21	95.9	101.0	95.9	101.0	96.3	98.6
1989	29	95.7	101.6	95.7	101.6	96.7	99.1
1990	42	95.8	101.4	95.8	101.4	96.4	99.8
1991	56	95.8	101.4	95.8	101.4	97.3	99.2
1992	49	95.7	101.2	95.7	101.2	96.9	99.3
1993	80	96.1	101.2	96.1	101.2	97.3	99.1
1994	109	95.6	101.6	95.6	101.6	97.4	99.2
1995	119	95.7	101.3	95.7	101.3	97.1	98.8
1996	156	96.2	101.1	96.2	101.1	97.0	99.0
1997	186	96.7	101.2	96.7	101.2	97.7	99.2
1998	243	96.6	101.5	96.6	101.5	97.5	99.2
1999	254	97.0	101.9	97.0	101.9	97.6	99.8
2000	354	97.5	100.9	97.5	100.9	98.1	100.2
2001	418	97.2	101.0	97.2	101.0	97.7	100.4
2002	453	97.3	100.7	97.3	100.7	97.8	100.1
2003	550	97.4	100.6	97.4	100.6	97.9	100.3
2004	620	97.5	100.1	97.5	100.1	98.1	100.0
2005	646	97.6	100.1	97.6	100.1	98.5	100.1
2006	728	98.0	100.1	98.0	100.1	98.8	100.1
2007	658	98.1	99.9	98.1	99.9	98.9	99.8
2008	813	98.5	99.7	98.5	99.7	99.5	99.7
2009	804	98.3	99.9	98.3	99.9	99.6	99.9
2010	765	98.8	100.0	98.8	100.0	100.3	100.2
2011	731	99.1	99.9	99.1	99.9	100.9	100.1
2012	634	99.6	100.2	99.6	100.2	101.3	100.5
2013	665	100.1	100.2	100.1	100.2	101.8	100.6
2014	543	99.9	100.7	99.9	100.7	102.1	100.6
2015	532	99.8	101.2	99.8	101.2	102.2	100.8
2016	266	99.8	101.3	99.8	101.3	102.5	100.9
2017	194	100.1	102.0	100.1	102.0	103.1	101.2
2018	50	100.4	101.8	100.4	101.8	103.0	101.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	19	95.7	103.4	104.0	98.4	100.0	103.1
1985	22	99.6	101.4	100.2	99.1	99.8	100.8
1986	29	98.6	101.3	101.1	98.1	99.6	101.4
1987	62	97.4	102.8	102.3	98.4	100.2	102.8
1988	125	97.6	102.4	102.3	96.0	97.3	100.4
1989	217	97.6	102.8	102.3	97.5	99.4	102.5
1990	318	97.6	102.9	102.1	97.5	100.5	103.3
1991	396	97.2	102.7	102.5	97.1	99.8	102.0
1992	547	97.0	102.3	102.7	97.6	99.4	100.0
1993	704	96.9	102.3	102.8	99.4	100.3	100.2
1994	763	96.6	102.2	103.0	99.5	99.7	100.4
1995	993	97.3	102.3	102.4	100.0	99.7	98.8
1996	1134	97.2	103.0	102.7	99.5	99.9	99.4
1997	1423	97.3	103.2	102.6	99.6	100.4	99.4
1998	1814	96.9	103.0	102.9	99.3	100.8	99.9
1999	1788	97.3	102.1	102.6	99.8	100.1	99.3
2000	2454	97.5	101.4	102.3	100.2	99.4	98.7
2001	2771	97.1	101.4	102.9	100.4	99.3	99.1

2002	2789	96.5	101.9	103.4	100.5	99.8	99.3
2003	3058	96.3	101.6	103.6	100.5	100.0	99.2
2004	3278	96.3	101.5	103.7	100.6	100.1	99.6
2005	3157	96.6	101.3	103.4	101.3	100.3	99.6
2006	3206	96.8	101.1	103.5	101.0	100.2	99.5
2007	3520	97.4	100.9	102.8	100.5	100.4	99.9
2008	3371	97.8	100.7	102.5	100.8	100.2	99.8
2009	4141	97.7	100.5	102.7	101.2	100.1	99.7
2010	4365	97.8	100.1	102.7	101.4	99.9	99.7
2011	4184	98.1	100.1	102.5	101.2	100.1	99.9
2012	4010	98.5	99.8	102.2	101.2	100.0	99.9
2013	3988	99.0	99.6	101.6	101.2	100.1	100.2
2014	3815	99.1	99.2	101.4	101.7	100.0	100.2
2015	3562	99.3	99.0	101.2	102.0	99.8	100.4
2016	3080	99.7	98.9	100.8	102.3	99.9	100.6
2017	2350	100.1	98.8	100.4	102.7	100.1	100.6
2018	2268	100.4	98.4	100.2	103.1	100.3	100.6
2019	292	100.5	98.2	100.0	102.8	100.1	100.3

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	103.2	106.1	97.4	101.5	104.1	98.6	103.3	97.8	105.8	98.9	102.0
1985	14	103.5	107.1	94.9	100.9	105.4	97.1	103.6	98.0	105.2	97.9	100.6
1986	15	104.2	107.0	95.8	101.5	105.4	97.6	104.3	98.3	105.8	98.7	102.1
1987	38	104.4	106.7	97.1	102.1	105.4	98.5	104.8	97.5	105.1	98.9	103.1
1988	67	104.7	107.6	96.2	102.2	105.9	98.1	104.8	98.0	106.2	98.7	103.3
1989	102	105.1	108.0	96.5	102.6	106.5	98.6	105.3	97.7	106.6	98.9	103.7
1990	126	104.7	107.1	96.8	102.0	105.8	98.2	105.0	97.8	106.2	99.1	103.2
1991	203	104.2	106.0	97.4	101.6	104.5	98.5	104.3	98.4	105.8	99.2	103.2
1992	312	104.3	106.0	97.3	101.5	104.7	98.7	104.4	98.6	105.5	99.3	102.9
1993	437	104.4	105.7	97.6	101.9	104.8	98.8	104.4	98.7	105.6	99.3	103.2
1994	571	104.2	106.2	97.4	102.3	104.3	99.1	104.0	99.0	105.9	99.2	104.0
1995	798	103.7	105.5	98.5	101.6	103.7	99.6	103.5	99.1	105.3	99.8	103.3
1996	1050	103.3	105.0	99.0	101.6	103.3	99.9	103.4	98.4	105.3	99.8	103.3
1997	1403	102.9	104.8	98.7	101.5	103.0	99.9	102.8	98.8	104.9	99.5	102.9
1998	1918	102.6	103.9	98.8	101.4	102.2	99.5	102.7	99.0	104.0	99.0	102.7
1999	2206	102.3	103.8	98.6	101.5	101.9	99.6	102.3	98.8	103.7	99.0	102.5
2000	3060	102.2	103.0	98.8	101.1	101.6	100.0	101.8	99.8	103.3	99.3	101.9
2001	3734	102.1	102.6	99.6	101.1	101.4	100.3	101.8	99.9	103.0	99.7	102.0
2002	4313	102.4	102.1	100.1	101.3	101.2	100.1	102.3	100.1	102.4	99.9	102.0
2003	4892	102.2	101.5	100.4	100.9	101.0	100.1	102.2	100.2	101.9	100.0	101.5
2004	5016	102.2	100.9	100.6	100.6	101.1	99.9	102.0	100.3	101.6	99.5	101.6
2005	5053	102.0	100.3	101.0	100.3	100.9	99.9	101.8	100.2	101.4	99.5	101.6
2006	5246	101.7	99.9	101.1	100.0	100.5	99.9	101.6	100.3	101.0	99.7	101.2
2007	5502	101.0	99.7	101.0	99.7	100.0	100.2	101.1	99.9	100.5	100.0	100.5
2008	6157	100.9	99.5	101.0	99.4	99.8	100.3	101.0	100.0	100.4	100.2	100.2
2009	6116	100.6	99.9	100.3	100.1	99.7	100.4	100.9	99.2	100.3	100.1	100.4
2010	5871	100.5	99.3	100.6	99.6	99.6	100.2	100.8	99.4	100.1	100.0	100.1
2011	5154	100.3	98.7	100.9	99.0	99.5	100.1	100.6	99.5	99.8	99.9	99.9
2012	4226	100.5	98.7	101.0	98.9	99.7	100.1	100.7	99.4	100.1	99.8	100.4
2013	3387	100.4	98.1	101.3	98.6	99.6	100.1	100.8	99.1	100.2	100.1	100.5
2014	2178	100.4	97.7	101.9	98.6	99.5	100.2	100.9	99.0	99.6	100.4	100.1
2015	1159	100.0	97.2	102.1	98.2	99.0	100.4	100.6	98.8	99.3	100.7	99.8
2016	299	99.5	96.6	102.3	98.2	98.3	100.6	100.4	98.3	98.6	100.8	99.6

Tabel: 29 Red-Holstein: Kalvervitaliteit

Basis: Melkdoel rood
Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1986	10	99.7	100.0	99.9
1987	20	98.8	99.5	98.8
1988	18	99.7	100.1	99.9
1989	28	98.8	99.6	98.9
1990	32	98.3	99.4	98.8
1991	48	98.7	99.4	99.2
1992	38	98.4	99.3	99.2
1993	52	98.7	99.8	98.8
1994	66	99.1	100.1	99.2
1995	75	98.8	99.8	98.4
1996	90	99.3	100.2	98.3
1997	108	98.8	99.7	98.7
1998	137	99.5	100.2	99.7
1999	135	99.7	100.4	99.8
2000	214	99.3	100.2	99.6
2001	226	99.7	100.3	99.8
2002	279	99.6	100.4	99.6
2003	336	99.8	100.4	99.6
2004	407	100.3	100.7	100.0
2005	420	100.3	100.6	99.9
2006	443	100.3	100.6	99.7
2007	408	100.5	100.7	99.8
2008	514	100.3	100.6	99.7
2009	471	100.4	100.1	100.4
2010	442	100.1	99.9	99.8
2011	450	100.3	100.2	100.1
2012	326	101.0	100.9	100.4
2013	326	101.1	100.8	100.7
2014	250	100.6	100.1	100.6
2015	267	100.9	100.7	100.2
2016	188	101.4	100.8	100.9
2017	222	101.6	101.2	100.8
2018	59	101.0	100.4	100.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	6264	-1811.1	-7454.2	-284.6	-271.1
2002	6331	-1873.4	-7646.0	-298.3	-278.6
2003	6408	-1702.2	-6949.9	-270.0	-253.8
2004	6567	-1699.4	-6921.9	-270.0	-253.2
2005	6535	-1450.0	-5713.3	-234.9	-214.4
2006	6556	-1021.6	-3854.4	-167.1	-150.8
2007	6530	-818.0	-3212.1	-129.4	-122.6
2008	7031	-524.2	-2108.3	-81.1	-79.3
2009	6940	-327.0	-1206.9	-51.3	-49.5
2010	6899	-153.2	-573.4	-23.6	-23.5
2011	6424	157.9	613.9	30.8	20.6
2012	6238	477.5	1875.0	85.2	66.5
2013	6169	810.3	3122.2	143.2	113.8
2014	6024	1115.4	4352.6	196.0	157.0
2015	5725	1426.5	5544.1	249.3	201.6
2016	4697	1813.9	7193.5	313.6	257.7
2017	1074	2526.0	10195.4	429.8	361.8

2018 676 3141.8 12518.9 535.8 449.9

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

Jaar	Aantal	Eff	Int	Gewen
1987	14	102.0	96.3	100.9
1988	12	101.5	95.7	101.4
1989	21	101.6	96.7	101.3
1990	22	101.6	97.5	101.1
1991	36	100.8	97.4	101.6
1992	37	102.1	97.2	101.5
1993	59	102.1	97.1	101.6
1994	92	102.3	94.8	102.0
1995	99	101.7	96.1	101.8
1996	129	102.4	95.8	101.7
1997	148	101.9	95.9	101.6
1998	227	101.7	95.5	101.6
1999	186	101.5	96.4	101.5
2000	287	100.9	97.1	101.1
2001	343	101.8	97.1	100.8
2002	354	101.6	97.4	100.8
2003	400	101.5	97.8	100.9
2004	427	101.6	98.8	100.8
2005	453	102.3	98.8	100.6
2006	492	102.3	99.7	100.1
2007	476	102.1	99.9	100.0
2008	620	101.6	100.3	100.0
2009	613	101.0	100.4	100.5
2010	710	100.9	101.3	100.1
2011	719	101.0	102.4	99.7
2012	711	100.9	103.5	99.4
2013	772	101.1	104.6	99.4
2014	784	101.1	105.7	99.5
2015	800	101.1	105.8	99.5
2016	670	101.0	106.4	99.4
2017	39	99.5	106.6	99.8

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1983	10	97.6	97.2	0	0.0	0	0.0
1984	21	98.4	97.2	1	-2.1	0	0.0
1985	36	97.2	96.0	35	-4.8	0	0.0
1986	41	96.1	96.7	41	-4.4	0	0.0
1987	102	96.6	96.9	101	-4.2	0	0.0
1988	209	95.6	96.3	205	-4.1	0	0.0
1989	382	96.2	96.3	383	-3.9	0	0.0
1990	533	96.4	96.6	530	-4.0	0	0.0
1991	766	96.0	96.4	765	-3.7	0	0.0
1992	1164	96.0	96.5	1162	-3.5	0	0.0
1993	1614	95.4	96.2	1611	-3.4	0	0.0
1994	2106	95.1	96.6	2102	-2.9	0	0.0
1995	2842	96.1	96.7	2834	-2.8	0	0.0
1996	3279	96.1	96.2	3279	-2.6	0	0.0

1997	4003	96.0	96.1	3998	-2.3	0	0.0
1998	5046	95.8	96.0	5048	-2.1	0	0.0
1999	5138	96.1	96.4	5146	-2.0	0	0.0
2000	5827	96.9	97.2	5825	-1.7	0	0.0
2001	6260	97.3	97.2	6258	-1.5	3897	98.9
2002	6329	96.9	96.7	6323	-1.2	3852	99.1
2003	6410	97.0	96.5	6402	-1.0	3843	99.3
2004	6570	97.1	96.4	6564	-0.8	3912	99.2
2005	6539	97.7	96.5	6538	-0.6	3808	99.4
2006	6557	98.5	97.1	6548	-0.4	3777	99.9
2007	6524	98.7	97.3	6518	-0.4	3693	99.8
2008	7016	98.8	97.9	7028	-0.3	3956	99.9
2009	6823	98.7	98.3	6936	-0.1	3981	100.7
2010	6722	98.9	98.2	6879	-0.0	4050	100.7
2011	6256	99.5	98.3	6419	0.2	3828	100.6
2012	5932	99.7	98.8	6223	0.3	3678	100.6
2013	5867	100.2	98.9	6164	0.4	3669	100.6
2014	5701	100.7	98.9	6019	0.5	3325	101.0
2015	5400	101.3	99.5	5734	0.7	3155	101.3
2016	4268	101.8	99.6	4713	0.9	1780	101.7
2017	179	102.0	100.0	1102	1.0	59	101.9
2018	0	0.0	0.0	963	1.3	0	0.0
2019	0	0.0	0.0	113	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	-2823.6	-97.4	-92.0	-128.3	38.8	11.3	0.7	-620.1
1981	170	-2834.0	-96.3	-92.5	-128.8	41.4	11.1	0.8	-620.2
1982	234	-2816.1	-94.9	-92.4	-128.0	42.5	10.3	0.8	-616.5
1983	408	-2785.6	-94.2	-92.3	-126.6	41.3	8.6	0.8	-614.2
1984	449	-2708.5	-89.0	-89.7	-123.1	44.0	8.5	0.7	-591.4
1985	526	-2771.7	-88.4	-90.7	-125.9	50.4	10.6	0.8	-595.3
1986	565	-2627.2	-81.1	-85.4	-119.3	51.2	10.8	0.8	-556.6
1987	643	-2501.2	-79.0	-81.6	-113.6	45.1	9.8	0.7	-534.5
1988	635	-2339.4	-74.4	-76.9	-106.2	40.3	8.0	0.7	-503.6
1989	678	-2276.5	-70.5	-75.1	-103.3	41.8	7.3	0.7	-487.0
1990	589	-2101.4	-59.8	-68.6	-95.3	45.4	7.6	0.7	-435.7
1991	614	-1843.4	-49.0	-59.6	-83.6	43.9	7.5	0.7	-372.4
1992	898	-1712.0	-47.1	-56.3	-77.6	37.5	5.5	0.6	-352.9
1993	705	-1591.1	-44.8	-52.7	-72.1	33.0	4.5	0.7	-331.7
1994	486	-1507.7	-39.6	-49.2	-68.3	35.1	5.3	0.7	-305.4
1995	537	-1259.1	-31.9	-42.0	-57.0	29.9	3.1	0.6	-256.5
1996	411	-1123.2	-29.4	-37.9	-50.8	25.0	2.1	0.6	-232.6
1997	237	-1114.4	-31.5	-39.0	-50.4	22.0	0.5	0.6	-241.1
1998	188	-1071.4	-30.4	-36.9	-48.4	21.1	1.4	0.6	-229.5
1999	169	-1061.3	-31.4	-36.6	-48.0	18.8	1.1	0.5	-230.7
2000	161	-834.9	-29.9	-31.2	-37.9	8.0	-2.0	0.2	-202.0
2001	149	-759.4	-25.4	-27.2	-35.0	10.1	-0.1	-0.3	-175.4
2002	140	-845.2	-25.0	-28.9	-37.6	15.2	1.6	1.2	-182.2
2003	138	-692.6	-20.3	-23.8	-30.2	12.4	1.1	1.9	-148.7
2004	109	-503.7	-18.9	-20.2	-22.4	4.0	-2.6	0.7	-129.2
2005	106	-493.2	-18.7	-19.5	-21.5	3.6	-2.3	1.2	-125.7
2006	102	-478.0	-16.9	-16.4	-19.1	4.8	0.6	3.1	-108.6
2007	84	-290.5	-12.3	-10.6	-11.1	1.1	-0.1	2.4	-72.7
2008	62	-296.7	-13.4	-13.2	-9.9	0.3	-2.7	4.2	-85.4
2009	53	-304.7	-16.0	-11.8	-10.7	-2.2	-0.7	3.8	-85.4
2010	34	-134.2	-14.6	-9.4	-2.2	-9.3	-5.0	4.6	-69.8
2011	34	64.9	-3.9	-2.9	9.9	-7.1	-5.4	7.9	-17.3

2012	28	-138.9	-6.7	-6.6	0.4	0.1	-1.3	7.7	-41.1
2013	23	-190.5	-5.4	-6.2	-2.3	4.1	1.1	7.5	-37.5
2014	22	23.7	-5.0	-1.7	2.6	-5.3	-2.3	1.7	-16.7
2015	21	-65.0	-4.4	-3.6	3.4	-0.3	-0.6	7.6	-23.1
2016	12	221.4	18.3	10.9	21.7	11.1	4.3	13.9	89.7

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	42	81.5	97.4	86.6	85.3	103.0	93.9	96.3
1981	63	83.1	97.5	87.6	86.8	103.2	95.0	96.4
1982	81	84.1	97.9	88.1	87.3	103.4	95.3	97.2
1983	158	83.9	97.4	88.2	87.4	103.2	94.8	97.0
1984	165	84.6	97.0	88.3	87.9	102.7	95.4	96.5
1985	194	84.9	97.2	88.4	87.9	103.3	95.1	96.4
1986	205	85.3	97.4	89.2	88.4	103.4	95.7	96.9
1987	218	86.6	97.6	90.1	89.4	103.0	95.6	97.2
1988	203	88.0	97.6	91.6	90.8	102.6	95.4	97.4
1989	292	87.9	96.9	91.1	90.4	101.8	95.2	97.0
1990	268	88.6	96.2	91.2	90.9	101.4	96.6	97.4
1991	314	89.9	96.8	92.1	91.9	100.7	97.4	97.2
1992	427	90.7	97.5	93.1	92.9	100.9	97.5	97.0
1993	335	91.2	98.2	93.3	93.2	100.7	97.8	96.8
1994	230	91.3	97.8	93.2	93.3	100.5	97.7	96.9
1995	260	92.2	98.7	94.2	94.2	100.2	97.9	96.3
1996	203	92.9	98.6	94.5	94.8	100.0	98.4	96.3
1997	121	92.6	98.3	94.4	94.5	100.4	98.1	96.2
1998	109	93.7	98.2	95.2	95.3	100.0	97.9	97.0
1999	80	94.2	98.5	96.1	96.3	99.6	98.3	97.6
2000	78	94.2	98.2	96.0	95.9	99.4	98.2	98.0
2001	75	94.9	98.7	96.5	97.1	99.6	98.6	98.2
2002	62	94.9	98.5	96.4	97.2	99.4	99.1	98.2
2003	66	94.9	97.8	96.0	96.8	98.8	98.2	97.8
2004	53	95.9	97.7	97.1	97.6	97.7	98.3	97.4
2005	51	95.5	98.2	96.9	97.1	98.7	99.3	97.2
2006	52	97.1	99.2	97.5	96.9	99.4	100.0	98.8
2007	32	97.8	99.6	97.8	97.9	99.7	100.9	98.8
2008	21	98.3	100.6	98.2	97.6	100.7	99.2	101.2
2009	22	96.5	98.7	96.5	96.3	100.6	98.9	98.7
2010	23	98.6	99.5	98.1	98.7	100.1	99.9	99.8
2011	20	96.7	97.7	97.3	98.5	98.8	99.1	98.7
2012	13	99.0	98.9	99.5	99.3	98.6	97.8	99.1
2013	12	100.2	101.0	99.1	99.2	101.0	98.9	100.2
2014	16	101.2	99.6	99.8	100.5	100.3	99.7	100.0
2015	14	99.9	98.2	98.1	99.6	98.2	100.1	99.4

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

Jaar	Aantal	BA	BZ	KH	BG
1980	42	92.4	96.8	91.0	89.7
1981	63	93.6	96.7	92.4	90.6
1982	81	93.6	97.0	92.6	90.5
1983	158	94.0	97.6	92.4	90.8

1984	165	94.1	97.8	92.8	91.1
1985	194	94.4	98.0	93.4	91.4
1986	205	94.5	99.0	93.2	91.7
1987	218	94.8	98.6	93.8	91.8
1988	203	95.4	99.5	94.1	92.3
1989	292	95.8	99.7	94.1	93.3
1990	268	96.0	100.0	94.8	93.6
1991	314	95.7	101.1	94.3	94.1
1992	427	95.5	101.8	94.2	94.1
1993	335	94.8	101.8	93.7	93.7
1994	230	95.3	102.0	93.9	94.1
1995	260	94.5	102.7	93.5	93.9
1996	203	94.9	102.6	93.8	94.5
1997	121	95.4	102.3	94.0	94.8
1998	109	96.3	101.0	95.4	95.7
1999	80	96.4	101.7	94.9	95.7
2000	78	96.6	101.4	95.1	95.6
2001	75	97.7	100.4	95.8	97.0
2002	62	96.8	100.4	96.0	96.4
2003	66	98.3	100.5	95.8	97.5
2004	53	96.7	100.9	95.9	96.3
2005	51	97.8	101.0	96.4	96.9
2006	52	97.6	100.1	97.2	97.4
2007	32	98.3	99.9	97.3	97.6
2008	21	98.8	100.4	98.0	98.0
2009	22	98.8	99.1	98.0	98.2
2010	23	98.6	100.7	97.2	98.8
2011	20	98.2	100.2	96.8	97.8
2012	13	98.4	99.0	97.3	97.2
2013	12	99.9	98.8	98.8	99.1
2014	16	98.9	99.1	98.1	98.4
2015	14	101.0	99.9	98.3	99.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	42	90.0	89.2	98.6	91.5	81.7	88.9	87.7
1981	63	89.9	88.7	98.4	91.9	82.9	89.6	88.4
1982	81	90.7	89.4	98.7	92.7	83.2	89.4	88.3
1983	158	90.7	89.2	99.0	92.6	84.0	89.8	88.5
1984	165	90.9	89.4	99.1	92.8	85.2	90.1	88.6
1985	194	91.3	89.8	99.0	93.3	85.0	89.7	88.7
1986	205	91.9	90.6	98.9	93.4	85.5	91.0	89.8
1987	218	91.9	90.3	99.8	93.4	86.2	90.6	89.2
1988	203	92.7	91.2	99.4	93.9	87.8	91.9	90.3
1989	292	92.6	91.1	99.2	93.6	88.1	92.4	90.5
1990	268	93.5	93.1	98.6	94.8	88.9	94.3	92.7
1991	314	94.2	93.8	100.1	95.5	90.8	95.2	93.6
1992	427	94.4	93.3	100.9	95.3	91.6	95.0	93.2
1993	335	94.2	93.2	101.1	95.3	92.0	94.5	92.9
1994	230	94.3	93.6	101.4	95.4	92.1	94.7	93.3
1995	260	94.8	93.4	102.5	95.4	93.8	95.3	93.9
1996	203	94.7	93.4	102.5	95.5	94.2	95.3	93.9
1997	121	95.0	94.1	102.0	95.6	93.9	95.6	94.3
1998	109	96.1	95.4	100.7	96.9	94.4	96.4	95.7
1999	80	96.3	95.3	101.2	96.1	94.0	96.5	96.1
2000	78	95.6	95.9	100.6	96.0	94.3	96.4	96.1
2001	75	96.1	95.8	101.0	96.3	95.8	96.9	96.5
2002	62	96.2	96.6	101.5	96.3	94.9	96.3	96.5

2003	66	96.5	96.8	101.5	97.2	96.6	97.3	97.1
2004	53	96.6	96.2	101.1	96.6	95.6	96.9	96.5
2005	51	96.9	96.3	100.5	96.4	96.1	97.4	97.1
2006	52	98.0	98.2	100.1	97.6	96.9	97.8	98.1
2007	32	97.6	99.0	101.2	97.4	96.2	98.1	98.7
2008	21	98.4	97.4	100.7	98.2	96.6	98.3	98.1
2009	22	97.4	97.6	100.2	98.2	96.2	98.3	97.8
2010	23	99.2	98.6	100.1	99.1	98.5	98.8	98.7
2011	20	97.7	99.0	99.0	98.3	98.2	99.8	99.5
2012	13	99.8	101.2	98.2	101.0	99.2	101.1	100.8
2013	12	99.2	99.5	100.1	101.8	97.5	99.2	99.4
2014	16	101.1	101.2	100.2	101.6	100.8	100.1	100.7
2015	14	101.0	99.6	99.8	102.4	99.3	99.1	99.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	42	89.5	89.1	84.5	87.6	0.0	80.4
1981	63	90.5	90.4	85.1	88.8	0.0	81.9
1982	81	91.4	91.1	85.9	89.0	0.0	82.7
1983	158	90.8	91.0	86.2	89.3	0.0	83.0
1984	165	90.7	90.9	86.9	89.7	0.0	83.4
1985	194	90.7	91.4	87.1	90.2	0.0	83.9
1986	205	91.6	92.1	87.9	90.6	0.0	84.9
1987	218	92.1	92.9	88.1	90.8	0.0	85.4
1988	203	92.6	94.1	89.5	91.6	0.0	86.9
1989	292	91.9	92.9	89.6	92.5	0.0	87.0
1990	268	92.6	92.8	91.1	92.9	0.0	88.2
1991	314	93.4	93.3	92.4	93.1	0.0	89.3
1992	427	94.0	94.6	92.7	93.1	0.0	89.9
1993	335	94.3	94.8	92.7	92.5	0.0	89.7
1994	230	94.1	94.6	92.8	93.0	0.0	89.9
1995	260	94.6	95.4	93.6	92.5	0.0	90.3
1996	203	94.9	95.7	93.8	93.3	0.0	91.0
1997	121	94.6	95.7	93.9	93.5	0.0	91.1
1998	109	95.2	96.2	95.0	94.7	0.0	92.5
1999	80	96.1	97.0	94.5	94.6	0.0	92.6
2000	78	96.0	96.8	94.4	94.7	0.0	92.5
2001	75	96.7	97.8	95.2	96.1	0.0	94.1
2002	62	96.9	97.7	94.9	95.4	0.0	93.5
2003	66	95.8	96.8	96.1	96.7	0.0	94.5
2004	53	95.9	96.7	95.5	95.4	0.0	93.4
2005	51	96.4	96.9	95.8	96.3	0.0	94.3
2006	52	98.2	97.9	96.9	96.5	0.0	95.6
2007	32	98.9	98.6	96.5	97.0	0.0	96.0
2008	21	99.6	99.6	97.3	97.6	0.0	97.2
2009	22	97.2	98.0	96.8	97.5	0.0	95.8
2010	23	98.8	99.7	98.6	97.9	0.0	97.6
2011	20	97.0	98.0	97.8	97.0	0.0	95.9
2012	13	97.5	98.9	100.2	96.3	0.0	97.2
2013	12	99.2	100.7	99.2	98.5	0.0	98.5
2014	16	99.6	101.1	101.1	97.6	0.0	99.4
2015	14	98.5	98.6	100.7	99.1	0.0	99.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	413	105.7	106.4	106.2	107.8	104.3	101.1	87.0	107.2
1981	563	105.5	106.3	106.2	107.7	104.3	101.2	88.0	107.2
1982	687	105.8	105.7	106.0	107.1	104.4	101.2	88.2	106.8
1983	952	105.7	105.6	105.9	106.9	104.1	101.2	87.8	106.6
1984	860	105.5	105.2	105.6	106.5	104.0	101.3	88.5	106.3
1985	852	105.0	105.3	105.3	106.5	103.5	100.9	88.5	106.1
1986	800	104.6	104.6	104.6	105.8	103.1	100.6	89.0	105.5
1987	740	104.3	104.4	104.4	105.4	102.9	101.0	89.9	105.2
1988	644	104.3	103.4	103.7	104.5	102.5	101.6	90.3	104.3
1989	678	103.9	103.3	103.3	104.1	102.0	101.1	90.7	103.9
1990	592	103.8	103.0	103.4	104.0	102.3	101.9	91.0	103.9
1991	616	103.1	102.4	102.6	103.3	101.7	101.7	91.3	103.1
1992	903	102.7	102.2	102.2	102.9	101.4	101.7	92.3	102.7
1993	708	102.4	102.1	102.0	102.7	101.2	101.7	92.9	102.5
1994	488	102.5	101.7	101.9	102.4	101.3	101.4	92.7	102.3
1995	540	102.0	100.9	101.1	101.4	100.7	101.1	93.2	101.4
1996	414	101.6	100.7	100.8	101.1	100.4	101.1	94.0	101.0
1997	239	101.6	101.1	101.0	101.3	100.5	100.3	94.3	101.3
1998	194	101.6	100.8	100.9	101.0	100.3	100.4	95.1	101.0
1999	177	101.5	100.7	100.8	100.8	100.3	100.9	94.9	100.8
2000	167	101.0	100.7	100.2	100.6	99.6	100.8	96.4	100.4
2001	152	101.1	100.5	100.6	100.5	100.0	100.4	96.8	100.6
2002	147	101.5	100.3	100.7	100.6	100.2	100.7	96.3	100.7
2003	152	101.4	100.2	100.6	100.4	100.4	100.9	96.5	100.5
2004	121	101.7	99.3	100.4	99.8	100.4	101.5	96.8	100.1
2005	110	101.0	99.6	100.0	99.7	99.8	100.1	97.2	99.8
2006	113	100.4	100.3	99.7	100.1	99.3	98.7	96.2	99.8
2007	96	100.6	100.0	99.8	100.0	99.6	99.1	96.6	99.9
2008	78	100.7	100.6	100.3	100.6	100.1	99.3	96.4	100.5
2009	57	100.9	101.3	101.3	101.5	100.9	100.4	97.6	101.6
2010	41	101.3	100.5	101.1	101.0	101.0	100.4	97.3	101.1
2011	42	101.0	100.7	100.8	101.0	100.8	99.7	96.5	101.0
2012	33	101.0	101.2	101.1	101.4	100.8	99.7	96.1	101.5
2013	32	101.3	102.2	102.2	102.7	101.8	100.0	96.7	102.6
2014	33	101.6	101.5	102.0	102.3	102.1	100.6	98.3	102.4
2015	36	100.5	101.7	101.5	101.9	101.6	99.9	99.4	101.9
2016	19	100.0	102.5	102.0	102.7	101.7	99.5	100.9	102.5

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	38	99.1	76.2	99.8	104.8	107.6
1981	60	98.8	60.0	99.1	104.2	107.1
1982	78	99.8	57.1	99.0	103.5	106.4
1983	150	99.4	65.9	98.9	103.7	106.4
1984	160	99.2	73.6	98.8	103.1	106.2
1985	194	98.7	69.1	99.3	103.6	106.4
1986	210	98.4	75.0	99.3	103.3	106.2
1987	227	98.9	84.1	98.7	102.4	105.6
1988	213	99.0	92.9	98.4	102.0	105.3
1989	297	98.4	89.8	98.2	101.8	104.4
1990	279	98.3	94.4	99.0	102.6	104.9
1991	311	98.3	94.1	98.7	102.0	103.8
1992	440	98.1	95.1	97.9	100.8	103.3
1993	333	98.0	94.1	97.9	100.6	103.1
1994	226	98.2	94.9	97.8	100.7	102.5

1995	268	98.1	95.1	97.5	99.9	101.7
1996	207	98.3	95.8	97.5	99.6	101.2
1997	119	98.6	95.1	97.8	99.9	101.2
1998	109	98.8	97.1	98.1	100.1	101.1
1999	79	98.7	97.5	98.3	100.1	101.5
2000	76	99.2	97.6	98.2	100.1	101.0
2001	75	99.5	97.9	98.2	99.8	100.8
2002	64	100.2	98.0	97.4	98.8	99.1
2003	68	99.5	97.8	97.8	99.2	100.1
2004	53	99.7	98.0	98.5	99.7	100.4
2005	51	99.6	98.4	98.3	99.2	99.8
2006	51	99.6	99.3	98.8	100.0	100.5
2007	31	100.1	99.6	99.1	99.6	100.6
2008	21	100.2	99.1	99.4	100.0	100.6
2009	22	98.6	100.5	99.4	100.0	100.9
2010	23	100.0	100.3	99.6	100.5	101.0
2011	18	100.4	100.2	100.3	100.4	100.4
2012	12	100.9	98.8	101.2	101.6	101.5
2013	12	100.0	100.8	100.7	101.7	101.0
2014	14	100.5	100.0	101.4	101.3	101.8
2015	13	100.0	100.3	102.5	102.3	102.4

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	-231.8	-620.1	-262.6	107.2	107.2	84.5	87.6	100.9
1981	170	-242.5	-620.2	-296.5	106.6	107.2	85.1	88.8	100.0
1982	233	-241.2	-616.5	-267.2	105.8	106.8	85.9	89.0	99.6
1983	406	-246.1	-614.2	-276.4	105.9	106.6	86.2	89.3	100.4
1984	449	-235.8	-591.4	-258.5	105.5	106.3	86.9	89.7	100.1
1985	526	-218.7	-595.3	-289.5	105.8	106.1	87.1	90.2	100.3
1986	565	-207.2	-556.6	-280.9	105.6	105.5	87.9	90.6	100.0
1987	643	-211.6	-534.5	-301.6	104.7	105.2	88.1	90.8	99.7
1988	635	-205.3	-503.6	-299.2	104.4	104.3	89.5	91.6	99.8
1989	678	-197.8	-487.0	-287.5	103.7	103.9	89.6	92.5	99.9
1990	589	-165.0	-435.7	-246.0	104.4	103.9	91.1	92.9	100.3
1991	614	-145.2	-372.4	-224.6	103.4	103.1	92.4	93.1	100.7
1992	898	-146.7	-352.9	-233.8	102.5	102.7	92.7	93.1	100.8
1993	705	-140.1	-331.7	-212.6	102.3	102.5	92.7	92.5	100.9
1994	486	-129.9	-305.4	-189.6	101.9	102.3	92.8	93.0	101.2
1995	537	-120.5	-256.5	-169.6	101.0	101.4	93.6	92.5	101.2
1996	411	-111.4	-232.6	-149.8	100.6	101.0	93.8	93.3	101.3
1997	237	-113.5	-241.1	-173.6	100.8	101.3	93.9	93.5	100.7
1998	188	-109.9	-229.5	-174.9	100.7	101.0	95.0	94.7	99.7
1999	169	-105.7	-230.7	-157.9	101.1	100.8	94.5	94.6	99.7
2000	161	-103.9	-202.0	-163.1	100.7	100.4	94.4	94.7	99.4
2001	149	-84.9	-175.4	-128.5	100.5	100.6	95.2	96.1	99.7
2002	140	-99.2	-182.2	-179.3	98.8	100.7	94.9	95.4	100.5
2003	138	-77.4	-148.7	-151.4	99.7	100.5	96.1	96.7	99.9
2004	109	-71.3	-129.2	-120.7	100.1	100.1	95.5	95.4	99.8
2005	106	-76.8	-125.7	-130.3	99.5	99.8	95.8	96.3	99.5
2006	102	-63.0	-108.6	-102.9	100.3	99.8	96.9	96.5	99.7
2007	84	-46.2	-72.7	-53.0	100.2	99.9	96.5	97.0	99.7
2008	62	-43.5	-85.4	-56.1	100.4	100.5	97.3	97.6	99.4
2009	53	-29.1	-85.4	-29.2	100.6	101.6	96.8	97.5	100.1
2010	34	-16.0	-69.8	56.9	100.9	101.1	98.6	97.9	99.7
2011	34	3.1	-17.3	75.8	100.5	101.0	97.8	97.0	100.4
2012	28	-2.5	-41.1	48.9	101.7	101.5	100.2	96.3	101.0
2013	23	12.0	-37.5	88.5	101.5	102.6	99.2	98.5	100.7

2014	22	31.9	-16.7	125.5	101.8	102.4	101.1	97.6	101.2
2015	21	31.8	-23.1	145.1	102.6	101.9	100.7	99.1	101.4
2016	12	91.3	89.7	210.8	102.8	102.5	103.2	99.4	102.5

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1986	11	99.5	96.9	101.5	100.4	99.2	101.9	99.4
1987	14	98.1	96.4	99.9	99.4	98.2	101.2	99.8
1988	10	97.2	96.6	99.0	97.5	98.6	99.5	100.4
1989	22	100.0	97.5	101.2	101.1	98.7	101.8	99.9
1990	24	99.1	96.5	101.0	101.0	97.5	101.2	99.6
1991	60	100.3	97.5	101.6	101.5	98.9	100.8	100.8
1992	65	99.8	97.0	101.3	101.2	98.1	100.6	100.9
1993	37	99.6	97.0	101.3	101.1	98.1	100.4	100.7
1994	44	100.1	97.2	101.9	101.3	98.3	101.0	100.2
1995	45	99.7	97.9	101.5	100.6	98.3	100.6	99.6
1996	31	100.2	98.0	101.6	101.3	98.4	100.5	100.0
1997	32	100.2	98.5	101.5	100.9	98.5	100.6	99.8
1998	38	99.4	98.0	101.2	100.5	97.8	100.2	98.8
1999	20	99.8	97.8	101.8	101.0	97.2	99.8	99.0
2000	23	100.2	99.7	101.3	100.4	98.3	100.3	99.0
2001	17	101.1	100.3	101.5	101.1	99.2	101.6	98.5
2002	12	98.6	99.2	99.6	98.8	97.9	100.0	99.0
2003	13	99.1	99.1	100.6	99.8	97.2	99.5	98.1
2004	11	99.8	99.3	100.0	100.9	97.9	100.0	99.6
2005	16	99.4	99.2	100.1	100.2	98.7	99.6	98.8
2006	17	100.4	100.4	100.4	100.6	99.3	100.2	99.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	16	97.2	100.8	97.2	100.8	96.5	100.6
1983	19	98.5	101.8	98.5	101.8	97.3	101.7
1984	19	98.1	101.8	98.1	101.8	96.9	101.1
1985	24	97.5	101.3	97.5	101.3	96.6	100.4
1986	47	97.6	100.9	97.6	100.9	96.8	100.1
1987	39	97.5	101.3	97.5	101.3	96.6	100.6
1988	51	97.0	101.2	97.0	101.2	96.5	100.5
1989	58	98.0	101.2	98.0	101.2	97.5	100.5
1990	62	97.9	100.7	97.9	100.7	97.2	100.1
1991	85	99.4	101.2	99.4	101.2	99.1	101.3
1992	113	99.3	101.3	99.3	101.3	98.9	101.5
1993	72	99.1	101.3	99.1	101.3	98.7	101.4
1994	77	99.9	101.5	99.9	101.5	99.6	101.7
1995	76	99.8	100.4	99.8	100.4	99.2	100.4
1996	73	100.2	101.0	100.2	101.0	99.8	101.5
1997	71	100.2	100.5	100.2	100.5	99.3	101.1
1998	70	99.5	100.2	99.5	100.2	98.3	100.5
1999	47	99.6	100.5	99.6	100.5	98.9	99.9
2000	48	99.5	98.3	99.5	98.3	98.6	98.6
2001	44	99.8	100.1	99.8	100.1	99.6	100.3
2002	35	100.0	100.7	100.0	100.7	99.3	101.1
2003	29	99.6	101.1	99.6	101.1	99.0	101.1

2004	30	99.5	100.0	99.5	100.0	99.0	100.0
2005	32	99.9	100.1	99.9	100.1	99.4	100.3
2006	28	99.0	99.9	99.0	99.9	98.4	98.6
2007	17	100.2	100.5	100.2	100.5	100.2	101.0
2008	16	98.8	99.7	98.8	99.7	99.2	100.1
2009	11	98.8	100.6	98.8	100.6	99.1	100.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	98	98.0	101.4	102.4	61.9	63.8	62.3
1981	149	97.5	101.6	102.8	72.5	73.6	72.8
1982	171	97.4	102.1	102.8	73.1	75.1	74.5
1983	300	97.7	102.4	102.5	79.2	81.1	80.5
1984	369	97.5	102.7	102.6	86.4	88.7	88.1
1985	426	98.2	102.4	101.7	90.6	94.1	92.5
1986	430	98.2	101.8	101.5	95.8	98.6	96.9
1987	437	97.8	102.2	101.8	94.0	98.1	96.5
1988	459	98.0	102.3	101.3	95.4	101.8	100.7
1989	518	99.0	102.7	100.4	96.1	100.7	99.8
1990	430	99.0	101.8	100.3	96.2	100.7	99.6
1991	384	99.6	100.5	99.8	94.8	99.1	97.9
1992	540	99.5	100.3	99.8	96.2	101.1	100.1
1993	385	99.0	100.6	100.3	95.4	100.3	99.7
1994	200	99.7	100.4	99.9	96.4	99.5	98.8
1995	229	99.8	100.2	100.0	95.9	98.9	98.3
1996	154	99.9	99.5	99.7	96.7	99.1	98.8
1997	102	99.4	100.8	100.4	95.0	98.3	97.4
1998	90	98.7	100.9	101.2	93.9	97.0	96.0
1999	68	99.4	101.3	100.8	96.9	99.8	100.1
2000	67	98.1	100.9	102.0	95.7	98.6	98.0
2001	55	97.7	101.5	102.6	98.1	100.4	99.8
2002	53	99.1	101.0	101.2	96.1	99.6	97.4
2003	51	99.4	100.9	100.7	96.1	98.4	97.2
2004	36	98.8	101.4	101.4	99.4	100.8	98.8
2005	33	98.4	101.4	101.8	98.4	100.2	99.8
2006	48	98.0	101.2	101.9	98.0	100.0	100.9
2007	30	98.7	101.1	101.4	98.4	101.1	100.4
2008	30	97.8	101.7	102.1	95.3	98.0	96.4
2009	18	97.8	100.8	101.9	98.5	99.5	99.3
2010	14	98.0	101.4	102.0	98.4	101.2	100.1
2011	21	99.7	101.4	99.9	100.3	100.8	98.7
2013	13	99.9	100.5	100.4	101.1	100.8	98.8
2014	14	99.1	101.4	101.0	100.9	100.0	99.7

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	17	106.5	115.4	92.2	101.7	115.5	96.5	105.2	96.4	112.2	95.8	100.4
1981	23	108.6	119.2	90.7	104.9	117.2	98.1	106.0	99.3	112.6	96.1	101.4
1982	29	107.5	117.0	92.0	105.0	114.3	99.7	106.3	98.6	108.6	96.6	101.7
1983	44	107.2	116.7	93.0	104.1	114.3	98.9	105.3	98.9	111.5	97.8	102.7
1984	54	106.7	115.6	92.2	103.5	113.5	97.9	105.2	98.7	110.0	96.4	101.8
1985	74	107.0	115.2	92.7	103.0	113.7	97.7	105.4	98.6	111.1	97.4	102.1

1986	100	106.3	113.7	93.0	102.2	112.0	96.8	105.2	98.6	109.7	97.2	102.7
1987	108	106.2	113.2	93.3	102.0	111.0	96.9	105.0	98.9	109.2	97.9	102.6
1988	124	105.8	112.2	94.1	101.9	110.0	97.6	104.6	99.4	108.3	98.3	102.0
1989	140	104.6	111.1	94.4	100.8	109.6	97.2	103.5	98.7	108.4	97.5	101.3
1990	148	104.2	110.0	95.1	100.2	109.1	96.6	103.4	98.2	107.7	98.1	100.3
1991	177	103.3	107.8	97.4	100.2	107.0	97.7	102.9	98.1	106.2	98.8	101.4
1992	284	103.3	107.4	97.2	100.5	106.4	97.8	102.9	98.5	105.8	99.0	101.4
1993	215	103.5	107.3	97.6	100.8	106.3	98.1	103.1	98.7	105.7	99.0	101.9
1994	155	103.2	106.5	98.2	100.1	106.1	98.0	102.9	98.5	105.4	99.0	101.7
1995	187	103.0	105.8	98.9	100.2	105.2	98.1	102.6	99.0	105.0	98.7	102.0
1996	181	102.8	105.3	99.2	100.5	104.6	98.6	102.7	98.8	104.4	99.2	102.1
1997	116	102.1	104.8	98.9	99.7	104.1	98.2	101.9	99.0	104.3	98.8	101.4
1998	111	101.8	104.0	99.6	99.4	103.6	98.6	101.3	99.2	103.9	98.4	101.8
1999	93	101.9	104.6	99.2	99.9	103.7	98.6	101.5	99.2	103.9	98.4	102.7
2000	89	101.8	104.5	99.1	99.9	103.7	98.5	101.5	99.5	103.7	98.8	100.6
2001	103	101.9	103.4	99.2	99.6	103.1	98.8	101.1	99.6	105.9	99.9	102.7
2002	95	101.6	103.7	98.6	99.4	103.5	99.0	101.1	99.9	103.5	103.5	97.0
2003	105	101.4	102.9	99.5	99.1	102.6	99.4	100.8	99.5	104.8	99.7	101.6
2004	90	101.1	102.3	99.6	99.5	102.0	99.5	100.6	99.9	105.2	97.2	99.2
2005	79	101.0	103.1	99.5	99.8	102.3	99.8	100.3	99.4	103.5	98.9	104.1
2006	89	100.9	104.0	98.9	100.4	102.2	100.2	99.9	99.9	106.4	97.1	101.3
2007	68	100.6	102.4	98.8	100.4	101.4	99.6	100.3	99.6	103.7	97.5	100.3
2008	50	101.1	104.6	98.4	101.4	102.5	99.9	100.4	99.5	105.4	98.3	101.5
2009	39	100.2	103.4	98.2	100.6	101.4	99.9	99.9	99.4	103.7	98.9	99.5
2010	27	100.7	104.1	97.6	100.4	102.5	99.1	100.6	99.1	104.6	99.6	98.8
2011	32	100.9	105.0	97.4	100.2	102.7	99.0	100.5	98.1	108.1	99.2	99.8
2012	20	100.5	102.4	99.2	99.0	102.0	99.0	100.8	97.5	107.0	100.7	98.7
2013	15	101.3	105.7	98.1	100.9	102.9	99.5	101.0	97.7	109.0	102.4	99.6

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	11	98.1	99.1	97.9
1983	14	98.7	99.7	98.1
1984	17	98.3	99.8	97.6
1985	22	97.8	99.7	97.5
1986	36	96.9	98.7	97.8
1987	36	97.6	99.3	97.9
1988	44	98.0	99.7	98.2
1989	50	97.7	99.5	98.0
1990	52	97.8	99.3	98.1
1991	85	98.9	100.6	98.3
1992	104	98.9	100.6	98.5
1993	66	98.7	100.6	98.4
1994	70	98.6	100.5	98.2
1995	66	99.5	100.7	98.6
1996	73	99.7	101.1	98.8
1997	68	100.1	101.1	99.3
1998	69	99.6	100.6	99.1
1999	50	99.6	100.2	99.7
2000	48	99.8	100.3	99.4
2001	43	99.5	100.1	99.4
2002	34	99.9	100.9	99.5
2003	32	100.0	100.6	99.6
2004	32	100.0	100.7	98.9
2005	32	100.6	101.4	99.7
2006	32	98.9	99.6	99.3
2007	19	99.4	100.2	99.3
2008	21	99.1	100.2	98.7

2009 22 98.5 99.5 99.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	149	-1594.9	-7129.3	-249.5	-237.4
2002	140	-1898.7	-8538.9	-297.7	-282.0
2003	137	-1618.3	-7367.3	-251.5	-241.2
2004	108	-1368.8	-6016.0	-213.8	-204.2
2005	106	-1437.0	-6252.1	-228.6	-212.5
2006	102	-1204.0	-5520.9	-191.7	-177.0
2007	82	-776.4	-3663.3	-123.4	-114.0
2008	62	-833.3	-3671.9	-128.5	-125.1
2009	53	-657.6	-2993.5	-107.5	-95.4
2010	36	-97.9	-328.5	-15.0	-15.1
2011	36	222.9	915.0	48.5	26.5
2012	29	-20.4	-485.0	10.8	-8.9
2013	26	165.3	12.5	47.3	16.0
2014	27	480.2	1686.4	88.7	66.0
2015	25	647.3	2248.2	121.4	88.1
2016	12	1552.9	5042.6	299.4	208.2

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

Jaar	Aantal	Eff	Int	Gewen
1985	11	98.4	95.6	102.4
1986	17	98.5	95.5	102.5
1987	16	98.1	95.3	102.2
1988	22	98.0	94.4	102.1
1989	16	97.9	96.0	102.7
1990	24	97.6	95.2	102.8
1991	54	98.4	96.0	100.1
1992	57	98.0	96.6	99.8
1993	27	98.0	97.0	99.8
1994	31	98.1	96.4	100.8
1995	34	98.0	96.5	100.3
1996	20	98.0	97.3	100.0
1997	21	98.5	96.2	100.2
1998	15	97.8	96.7	101.3
1999	14	98.0	96.9	100.8
2000	15	97.5	97.1	101.5
2001	14	98.9	96.6	102.8
2002	10	98.5	96.2	99.8
2003	11	98.3	97.5	100.5
2007	13	98.6	97.7	101.0

Tabel: 48 Holstein - Fries Hollands zwartbont: Overige productie en efficiency kenm.
 Basis: Melkdoel zwart
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
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1980	105	99.7	98.3	1	-4.3	0	0.0
1981	170	98.3	98.0	1	-3.2	0	0.0
1982	234	98.9	99.1	0	0.0	0	0.0
1983	408	98.9	98.7	1	-2.6	0	0.0
1984	449	99.0	98.7	2	-3.2	0	0.0
1985	526	98.7	98.4	527	-5.6	0	0.0
1986	565	98.9	98.8	565	-5.2	0	0.0
1987	643	98.4	98.3	644	-4.9	0	0.0
1988	635	98.2	98.1	635	-4.6	0	0.0
1989	678	98.1	99.0	678	-4.6	0	0.0
1990	589	98.6	99.2	589	-4.2	0	0.0
1991	614	98.8	100.1	614	-3.7	0	0.0
1992	898	98.4	99.9	898	-3.4	0	0.0
1993	705	98.3	100.2	706	-3.2	0	0.0
1994	486	98.8	100.6	486	-3.0	0	0.0
1995	537	98.8	101.0	537	-2.6	0	0.0
1996	411	99.1	101.2	412	-2.4	0	0.0
1997	237	98.9	100.2	238	-2.4	0	0.0
1998	188	99.1	99.6	188	-2.2	0	0.0
1999	169	99.0	99.3	168	-2.2	0	0.0
2000	161	99.8	98.8	161	-2.0	0	0.0
2001	149	99.9	99.3	149	-1.7	75	96.0
2002	140	99.4	98.8	140	-1.8	62	95.6
2003	138	99.2	98.8	138	-1.7	66	95.1
2004	109	100.1	98.4	110	-1.5	53	94.8
2005	106	99.3	98.7	107	-1.5	51	95.4
2006	102	100.1	99.0	103	-1.1	52	97.5
2007	84	100.3	99.5	84	-0.8	32	97.9
2008	62	99.3	99.2	62	-0.6	21	99.9
2009	53	100.0	99.5	53	-0.9	22	97.3
2010	34	100.6	99.5	36	-0.7	23	98.7
2011	34	101.8	99.0	36	-0.3	20	96.0
2012	28	102.8	100.8	29	-0.6	13	98.0
2013	23	102.0	99.7	26	-0.6	12	100.9
2014	22	101.0	99.0	27	-0.4	16	100.3
2015	21	102.1	99.6	25	-0.6	14	97.6
2016	12	103.5	98.2	12	0.6	5	100.4

Tabel: 49 Holstein - Fries Hollands zwartbont: Melkproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	60	-987.8	-31.7	-43.6	-54.7	23.6	-12.9	-17.2	-262.1
1981	107	-1042.9	-37.5	-45.2	-57.2	17.2	-12.2	-17.3	-281.5
1982	125	-1008.8	-33.2	-45.0	-55.6	22.0	-14.0	-17.1	-270.9
1983	152	-962.3	-30.5	-43.7	-53.5	23.5	-14.6	-17.1	-259.4
1984	137	-925.0	-30.8	-43.1	-51.8	19.9	-15.6	-17.0	-256.9
1985	190	-991.0	-28.3	-43.5	-54.8	30.5	-12.4	-17.1	-254.3
1986	152	-1003.1	-26.8	-42.8	-55.4	34.5	-9.9	-17.2	-248.4
1987	142	-747.8	-20.9	-35.9	-43.7	23.1	-14.0	-16.6	-204.4
1988	135	-767.1	-20.0	-36.1	-44.6	26.6	-13.1	-16.6	-203.6
1989	114	-649.7	-14.2	-33.2	-39.2	27.4	-15.3	-16.3	-177.9
1990	67	-609.4	-14.1	-31.7	-37.4	24.0	-15.0	-16.3	-170.8
1991	65	-593.0	-11.6	-30.5	-36.7	26.6	-13.9	-16.4	-160.5
1992	22	-341.4	-3.5	-24.1	-25.1	19.6	-18.2	-15.7	-114.0
1993	25	-196.9	-2.5	-18.5	-18.5	12.0	-17.3	-15.4	-86.6
1994	16	-406.9	-1.1	-21.9	-28.2	29.6	-11.0	-15.9	-100.8
1995	23	-275.9	-6.0	-19.3	-22.3	11.3	-14.3	-15.7	-98.6
1996	18	-46.2	0.4	-13.2	-11.7	6.7	-17.4	-15.2	-56.9

1997 10 80.4 13.1 -10.0 -6.1 16.2 -19.4 -15.2 -15.4

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	34	93.0	90.7	94.0	100.9	92.5	87.0	96.9
1981	45	93.0	91.9	94.1	100.8	93.4	87.2	97.4
1982	44	93.8	91.2	94.4	101.5	92.5	86.9	97.4
1983	64	94.1	91.1	94.6	101.8	92.1	87.0	97.2
1984	50	94.6	90.9	95.4	102.7	92.0	86.3	97.6
1985	57	94.0	91.4	94.8	102.0	92.6	86.1	96.6
1986	41	94.5	91.4	95.2	102.0	92.4	86.8	97.3
1987	43	96.1	91.5	95.3	102.7	92.9	88.0	97.9
1988	34	95.5	92.1	95.7	102.5	92.8	87.3	98.9
1989	39	95.6	91.1	96.0	103.3	91.5	86.5	98.1
1990	22	96.4	90.1	96.4	103.6	91.3	87.0	97.3
1991	15	94.6	91.7	95.7	102.7	93.0	85.7	97.4
1993	13	96.5	90.7	96.1	103.5	92.3	88.4	99.4

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

Jaar	Aantal	BA	BZ	KH	BG
1980	34	92.7	99.0	89.3	90.5
1981	45	93.5	97.2	89.3	91.3
1982	44	94.4	97.8	89.1	92.2
1983	64	93.8	98.9	88.7	91.5
1984	50	93.5	99.8	89.5	91.2
1985	57	93.9	99.6	89.1	91.3
1986	41	93.0	99.4	89.4	90.5
1987	43	93.7	99.0	90.2	91.3
1988	34	94.3	98.8	90.5	92.4
1989	39	94.4	99.8	89.7	92.3
1990	22	94.7	100.2	90.5	92.5
1991	15	95.9	98.1	91.5	93.9
1993	13	95.4	101.0	91.0	93.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	34	99.2	95.8	97.4	100.0	98.0	96.1	94.5
1981	45	99.4	95.9	97.4	100.4	97.1	97.0	94.8
1982	44	99.8	96.8	96.6	100.9	98.5	97.5	95.3
1983	64	99.9	96.4	96.4	101.1	98.8	97.4	95.0
1984	50	100.6	97.5	96.2	101.3	100.3	98.3	96.5
1985	57	100.6	97.4	96.5	101.5	99.8	97.1	95.3
1986	41	100.0	96.2	96.7	100.7	99.6	97.1	95.0
1987	43	100.7	97.5	97.8	102.0	100.2	97.5	95.9
1988	34	101.1	97.9	98.6	101.7	99.6	97.7	95.6

1989	39	101.5	98.3	97.8	102.3	101.1	98.5	96.6
1990	22	101.5	99.0	96.5	101.9	101.9	98.6	97.0
1991	15	101.8	100.1	97.2	102.2	100.0	99.5	98.1
1993	13	101.4	100.2	98.7	102.5	102.6	101.5	99.8

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	34	86.5	92.8	98.8	88.8	95.3	88.3
1981	45	87.3	94.0	99.0	89.1	96.4	89.0
1982	44	86.9	93.5	99.9	89.8	95.0	89.6
1983	64	86.9	93.5	100.2	89.5	94.7	89.6
1984	50	87.0	94.2	100.8	89.4	94.0	90.1
1985	57	86.3	94.1	100.7	89.7	94.9	90.0
1986	41	87.1	94.2	100.1	88.9	94.9	89.4
1987	43	88.2	95.1	101.2	89.6	94.9	90.8
1988	34	88.8	95.4	101.2	90.7	95.9	91.7
1989	39	87.6	94.4	102.2	90.7	93.9	91.7
1990	22	87.3	94.2	102.1	91.0	93.2	91.7
1991	15	87.0	95.3	101.8	92.1	95.3	92.1
1993	13	89.0	95.6	102.7	92.2	94.4	93.3

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	220	102.4	100.7	101.3	101.6	101.3	101.7	94.4	101.5
1981	285	101.6	101.5	101.3	101.9	101.1	101.5	95.6	101.8
1982	333	101.8	100.6	101.0	101.2	100.9	101.4	95.5	101.2
1983	320	101.9	100.2	100.8	100.8	100.8	101.4	95.4	100.9
1984	246	102.4	99.7	100.9	100.7	100.8	101.4	95.8	100.9
1985	302	102.0	100.1	100.9	100.9	100.8	101.3	96.4	101.0
1986	244	101.9	99.4	100.2	100.3	100.5	100.9	95.9	100.3
1987	168	101.5	99.6	100.3	100.4	100.5	100.8	96.8	100.4
1988	140	101.8	99.3	100.1	100.0	100.6	101.0	95.2	100.1
1989	114	101.9	99.0	100.0	99.9	100.5	100.9	95.4	99.9
1990	68	101.1	98.6	99.2	99.0	99.7	100.6	95.9	99.0
1991	66	101.7	98.6	99.6	99.3	100.1	100.7	95.6	99.4
1992	22	101.5	98.3	99.4	99.0	100.0	101.1	96.7	99.1
1993	25	101.4	99.6	100.5	100.7	101.1	102.4	97.4	100.6
1994	17	100.5	99.5	99.8	99.9	100.1	100.5	97.8	99.8
1995	24	100.8	99.6	100.0	100.0	100.2	100.2	98.2	100.0
1996	18	100.4	99.5	99.9	99.9	100.0	100.2	98.8	99.9
1997	10	101.2	97.9	98.8	98.6	100.2	100.7	95.7	98.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	34	96.7	47.7	99.3	103.8	105.4
1981	46	96.5	57.9	99.0	103.8	105.0

1982	52	96.8	67.2	98.8	103.6	104.7
1983	67	96.8	69.1	99.3	103.9	104.9
1984	50	96.9	80.0	98.8	103.4	104.7
1985	65	96.2	83.0	99.3	103.6	104.8
1986	39	96.9	61.2	99.1	103.0	104.6
1987	45	96.7	80.8	100.2	103.8	105.3
1988	35	96.4	70.9	98.9	102.8	104.1
1989	38	96.1	73.1	99.0	102.6	104.2
1990	20	96.8	86.2	99.0	102.9	104.0
1991	13	98.6	88.7	99.0	102.4	103.9
1993	15	98.1	90.5	98.6	101.5	103.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	60	-126.0	-262.1	-94.3	105.4	101.5	98.8	88.8	98.3
1981	105	-115.1	-281.5	-65.8	104.9	101.8	99.0	89.1	97.8
1982	125	-119.3	-270.9	-98.4	104.7	101.2	99.9	89.8	97.9
1983	152	-127.4	-259.4	-110.3	105.0	100.9	100.2	89.5	97.8
1984	137	-125.0	-256.9	-124.2	104.7	100.9	100.8	89.4	97.7
1985	190	-123.9	-254.3	-163.8	104.8	101.0	100.7	89.7	98.1
1986	152	-119.9	-248.4	-115.1	104.4	100.3	100.1	88.9	98.0
1987	142	-98.8	-204.4	-101.2	105.2	100.4	101.2	89.6	97.9
1988	135	-100.7	-203.6	-142.4	104.0	100.1	101.2	90.7	98.2
1989	114	-88.5	-177.9	-132.1	104.0	99.9	102.2	90.7	98.5
1990	67	-90.5	-170.8	-109.6	104.0	99.0	102.1	91.0	98.2
1991	65	-81.1	-160.5	-88.7	103.7	99.4	101.8	92.1	98.4
1992	22	-74.0	-114.0	-87.7	102.5	99.1	102.1	90.8	98.5
1993	25	-70.5	-86.6	-102.6	103.0	100.6	102.7	92.2	99.5
1994	16	-82.7	-100.8	-168.6	103.2	99.8	103.2	90.6	98.5
1995	23	-66.0	-98.6	-87.9	103.5	100.0	104.1	92.1	98.5
1996	18	-59.9	-56.9	-62.5	103.7	99.9	99.8	90.0	98.6
1997	10	-38.6	-15.4	-1.3	102.2	98.6	102.0	94.8	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	99.1	98.5	99.1	99.2	97.8
1981	13	98.0	98.9	98.0	98.9	99.1	98.5
1982	17	97.7	99.7	97.7	99.7	99.2	98.7
1983	27	97.7	99.2	97.7	99.2	98.8	98.1
1984	26	98.0	98.5	98.0	98.5	99.0	97.1
1985	23	97.3	98.8	97.3	98.8	98.1	97.7
1986	15	98.6	99.0	98.6	99.0	99.7	98.1
1987	21	97.4	98.6	97.4	98.6	98.5	97.8
1988	12	97.6	98.1	97.6	98.1	99.1	98.8
1989	18	97.9	99.5	97.9	99.5	99.5	98.8
1990	12	97.9	99.1	97.9	99.1	99.6	98.4
1991	15	98.0	98.8	98.0	98.8	99.5	97.9
1993	16	100.0	99.9	100.0	99.9	101.4	98.3

Tabel: 58 Holstein - Fries Hollands zwartbont: Geboortekenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	58	97.8	100.4	103.6	77.8	78.7	76.8
1981	83	97.2	101.5	104.0	80.3	82.8	83.3
1982	106	97.3	102.0	103.7	85.1	89.2	89.9
1983	139	97.5	102.0	103.5	88.9	93.8	94.1
1984	118	97.0	102.0	104.0	88.8	92.5	93.3
1985	132	97.9	101.9	103.0	92.6	97.7	97.9
1986	99	98.5	101.0	102.5	92.7	95.7	95.0
1987	102	98.0	101.7	102.9	93.7	97.5	96.3
1988	75	98.3	101.8	102.9	97.1	98.7	99.4
1989	64	98.7	101.6	102.6	96.8	98.8	99.5
1990	45	99.5	100.5	101.5	96.7	99.3	99.3
1991	44	99.5	100.6	101.6	92.0	94.7	95.0
1992	13	99.4	99.7	101.6	80.8	85.6	85.8
1993	21	99.6	100.4	101.7	72.8	76.9	77.0
1994	10	98.6	100.5	102.4	85.2	90.5	89.9
1995	13	98.8	100.3	102.2	74.8	76.7	75.6
1996	10	98.4	99.9	102.8	87.3	90.1	89.1

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	15	98.9	96.2	97.8	95.9	99.7	98.9	100.2	97.1	99.9	95.9	93.7
1981	20	100.7	98.8	96.2	97.3	102.6	97.9	102.0	97.0	100.7	94.8	94.9
1982	30	99.5	95.1	98.1	95.9	99.5	97.9	101.4	96.8	98.9	95.3	94.5
1983	47	99.4	95.8	97.7	95.3	100.2	98.0	100.8	96.8	99.9	95.1	94.1
1984	35	99.1	94.2	98.9	95.7	98.6	97.9	101.2	96.3	99.0	96.1	95.2
1985	40	100.5	96.6	97.6	96.5	99.9	98.0	101.6	98.0	99.8	95.7	96.0
1986	27	100.1	96.8	97.7	96.7	100.6	99.0	101.5	97.3	99.6	96.5	95.3
1987	36	100.6	96.4	97.9	96.5	99.2	97.8	102.0	98.2	100.1	97.1	96.6
1988	22	99.0	95.0	99.5	95.5	97.5	98.3	100.7	97.1	98.6	96.6	95.8
1989	27	99.9	93.6	99.1	95.3	96.8	97.9	101.6	99.2	97.0	97.9	95.3
1990	15	98.8	92.5	100.0	94.4	97.3	98.1	100.2	98.5	97.8	97.2	93.8
1991	19	96.7	93.2	99.7	94.3	97.4	98.9	98.9	95.7	98.7	97.4	93.3
1993	19	96.2	92.5	98.9	94.1	95.9	98.4	98.4	95.9	98.1	96.8	92.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	12	101.1	98.2	100.7
1981	13	101.5	98.2	99.7
1982	17	101.8	98.4	100.2
1983	25	101.2	98.0	99.6
1984	26	100.9	98.0	99.5
1985	22	100.3	97.5	99.3
1986	14	100.3	97.6	99.2
1987	20	100.7	97.8	99.5
1988	11	100.2	97.1	99.5
1989	17	101.2	98.0	100.5
1990	12	102.2	98.9	100.3

1991	16	100.9	98.1	98.9
1993	16	102.0	98.6	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	60	99.0	99.3	1	-1.9	0	0.0
1981	107	98.5	98.9	0	0.0	0	0.0
1982	125	98.3	99.4	0	0.0	0	0.0
1983	152	98.4	99.2	0	0.0	0	0.0
1984	137	98.2	98.9	1	-2.0	0	0.0
1985	190	98.0	98.0	190	-3.4	0	0.0
1986	152	99.5	98.1	152	-3.1	0	0.0
1987	142	99.4	98.7	142	-2.8	0	0.0
1988	135	98.4	98.6	135	-2.8	0	0.0
1989	114	99.3	98.8	114	-2.6	0	0.0
1990	67	98.9	98.7	67	-2.6	0	0.0
1991	65	99.3	99.6	65	-2.4	0	0.0
1992	22	99.6	100.1	22	-2.0	0	0.0
1993	25	99.6	99.1	25	-2.1	0	0.0
1994	16	99.4	98.8	16	-2.0	0	0.0
1995	23	101.3	98.3	24	-1.9	0	0.0
1996	18	100.7	97.4	18	-1.4	0	0.0
1997	10	102.1	99.6	10	-1.4	0	0.0

Tabel: 62 Fries Hollands - zwartbont: Melkproductiekenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1007.8	-36.1	-45.5	-55.7	16.5	-15.2	-17.3	-278.8
1981	14	-939.1	-31.8	-43.3	-52.5	19.2	-15.6	-17.2	-259.9
1982	14	-822.6	-28.7	-40.0	-47.3	14.8	-17.1	-16.9	-238.6
1983	20	-795.5	-25.0	-39.4	-45.9	19.0	-17.9	-16.6	-227.6
1984	17	-821.5	-28.6	-40.8	-47.0	14.6	-18.5	-16.4	-241.6
1985	20	-696.0	-25.7	-38.1	-41.4	9.9	-21.4	-16.4	-222.8
1986	13	-720.4	-19.5	-36.5	-42.5	22.8	-17.2	-16.5	-203.5
1987	20	-576.0	-17.5	-30.1	-35.8	14.5	-14.8	-16.1	-171.2
1988	19	-682.9	-22.3	-36.2	-40.8	14.5	-19.2	-16.5	-207.4
1989	19	-604.2	-21.1	-31.2	-37.3	10.3	-15.1	-16.4	-183.4
1990	15	-453.4	-14.5	-29.9	-30.5	10.0	-22.3	-16.2	-162.4
1991	18	-539.7	-20.2	-31.7	-34.3	6.8	-19.6	-16.3	-182.7
1992	13	-469.7	-14.2	-30.2	-31.0	11.6	-21.6	-15.9	-163.1
1993	17	-251.9	-9.6	-18.7	-21.2	3.8	-14.7	-15.8	-103.2
1994	10	-25.1	7.0	-14.8	-10.8	13.4	-21.4	-15.2	-49.2
1995	15	-181.4	-1.1	-21.9	-17.9	11.7	-24.5	-15.5	-97.3
1996	10	-509.3	-26.4	-28.0	-32.8	-6.4	-15.4	-16.0	-180.2
2001	13	-145.5	-4.8	-16.4	-14.5	3.5	-17.0	-12.7	-81.5
2003	10	-193.6	-5.5	-18.2	-15.9	5.5	-17.8	-11.2	-91.0

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	92.1	92.1	98.6	94.8	86.4	99.0
1981	16	91.1	92.7	92.2	98.2	95.6	86.8	99.6
1982	15	91.1	92.2	91.9	98.4	95.5	87.0	98.1
1983	18	90.7	91.3	91.6	98.5	95.1	86.2	97.6
1984	17	91.2	92.2	92.3	98.6	94.9	86.3	99.1
1985	17	92.6	92.5	93.0	99.7	94.7	85.9	99.8
1986	12	93.1	91.4	92.3	99.6	95.4	85.8	97.8
1987	13	91.0	92.7	92.7	99.1	95.1	85.0	97.8
1988	16	92.6	92.9	93.2	99.2	95.6	86.2	100.6
1989	15	93.1	91.9	93.4	100.1	94.9	85.1	98.8
1990	14	93.3	91.8	93.2	100.4	94.9	87.0	99.6
1991	13	92.3	92.2	93.2	99.6	94.2	85.8	99.2
1993	15	91.4	91.5	93.1	99.5	93.8	84.9	98.4
1996	12	93.2	92.3	93.6	100.3	95.1	85.8	99.7

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

Jaar	Aantal	BA	BZ	KH	BG
1980	17	93.0	98.5	88.4	90.4
1981	16	92.5	97.9	88.5	89.8
1982	15	93.6	98.1	88.4	91.0
1983	18	92.3	99.4	88.2	89.5
1984	17	93.8	99.2	87.5	90.7
1985	17	93.5	98.5	88.6	90.6
1986	12	93.2	97.4	90.6	90.7
1987	13	92.2	98.6	88.6	89.4
1988	16	94.3	97.9	89.9	91.7
1989	15	94.7	98.7	89.1	92.0
1990	14	95.1	98.7	90.1	92.4
1991	13	94.1	98.5	89.2	91.3
1993	15	94.6	99.1	89.3	92.4
1996	12	95.2	98.8	90.8	92.9

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	17	99.8	97.8	97.9	101.5	96.0	96.3	94.5
1981	16	98.9	96.9	98.1	100.7	96.2	96.4	94.3
1982	15	100.0	97.7	97.5	101.4	96.2	96.3	94.6
1983	18	99.1	96.3	97.7	100.4	97.0	95.7	93.9
1984	17	100.1	96.8	97.5	100.9	97.5	97.0	95.0
1985	17	99.9	97.5	97.2	100.9	96.8	96.1	94.6
1986	12	101.1	97.8	97.7	103.1	98.2	96.9	95.1
1987	13	100.5	98.8	97.4	101.5	98.5	97.9	96.5
1988	16	100.6	98.8	98.7	102.3	96.9	97.2	96.2
1989	15	100.8	99.0	98.4	102.3	97.9	97.8	97.0
1990	14	101.0	99.9	96.4	102.5	98.2	97.8	96.6
1991	13	100.7	98.8	97.2	101.7	97.9	97.6	96.0
1993	15	100.3	99.8	96.3	101.1	98.1	99.1	97.8
1996	12	100.9	99.6	97.2	101.8	98.8	98.8	97.1

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	17	86.9	93.2	99.2	88.4	98.8	88.5
1981	16	87.6	93.9	98.6	87.6	100.0	88.1
1982	15	86.7	93.3	99.2	88.7	99.1	88.7
1983	18	85.8	92.5	98.8	87.7	98.2	87.3
1984	17	87.0	93.4	99.7	88.9	98.9	89.1
1985	17	87.6	94.7	99.0	88.7	98.5	89.0
1986	12	85.9	93.8	101.2	88.9	97.8	89.7
1987	13	86.1	93.9	100.5	87.5	98.4	88.5
1988	16	88.6	95.1	99.9	89.8	99.6	90.3
1989	15	86.8	94.6	100.5	90.3	98.1	90.5
1990	14	87.9	94.9	100.7	90.6	98.1	91.1
1991	13	87.3	94.0	100.4	89.4	97.8	89.9
1993	15	86.1	93.3	100.1	90.6	97.5	89.9
1996	12	87.6	95.2	100.9	91.4	97.9	91.5

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	19	104.0	99.6	101.3	101.6	101.6	100.4	91.1	101.7
1981	21	104.0	99.4	101.2	101.1	101.4	100.1	92.5	101.3
1982	20	103.8	99.5	101.2	101.3	101.2	100.1	93.2	101.4
1983	24	103.3	99.2	100.8	101.1	101.2	100.4	92.2	101.0
1984	20	103.8	98.0	100.2	100.0	101.0	100.1	92.0	100.2
1985	20	102.7	99.6	100.5	100.8	100.5	99.8	93.4	100.8
1986	15	103.7	99.6	101.7	101.7	102.0	100.5	94.3	101.7
1987	22	102.6	98.9	100.0	100.2	100.3	99.0	92.5	100.1
1988	20	103.1	98.8	100.2	100.3	100.5	99.7	92.5	100.3
1989	19	103.3	98.5	100.4	100.2	101.2	100.7	93.0	100.2
1990	17	103.1	98.2	100.1	100.0	100.9	99.9	92.4	100.1
1991	19	102.9	97.9	99.6	99.5	100.5	99.7	92.7	99.6
1992	15	102.9	99.3	100.8	100.7	101.0	100.1	93.5	100.8
1993	18	102.7	97.7	99.5	99.3	100.6	99.8	92.3	99.2
1994	10	103.0	98.2	100.1	99.9	101.0	99.7	92.3	100.1
1995	15	102.3	97.6	98.6	98.9	99.8	99.5	91.8	98.7
1996	14	103.3	98.6	100.8	100.5	101.5	100.4	93.5	100.7
2001	15	103.4	98.1	100.5	100.3	101.7	100.3	92.4	100.6
2003	13	103.0	98.5	99.9	100.1	101.4	100.0	92.2	100.1
2005	10	102.6	98.5	99.8	100.1	100.7	100.0	93.7	99.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	14	97.3	81.6	99.8	103.9	106.1
1981	13	97.2	81.8	99.9	103.9	105.8
1982	13	96.5	80.5	98.8	103.2	105.5

1983	15	96.5	70.3	98.7	103.0	105.1
1984	11	96.3	69.3	98.1	102.2	104.8
1985	11	96.3	95.0	99.0	102.2	104.4
1986	10	97.8	77.5	100.2	103.9	105.6
1988	10	97.5	67.1	99.6	102.7	105.1
1989	10	98.7	58.9	96.5	99.5	103.1

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	-158.0	-278.8	-181.2	105.8	101.7	99.2	88.4	99.1
1981	14	-150.8	-259.9	-253.8	105.6	101.3	98.6	87.6	99.4
1982	14	-143.9	-238.6	-260.5	105.1	101.4	99.2	88.7	98.7
1983	20	-158.3	-227.6	-261.1	104.8	101.0	98.8	87.7	98.4
1984	17	-167.5	-241.6	-405.3	104.2	100.2	99.7	88.9	98.5
1985	20	-156.7	-222.8	-378.4	103.9	100.8	99.0	88.7	98.7
1986	13	-120.5	-203.5	-239.3	105.4	101.7	101.2	88.9	97.6
1987	20	-139.6	-171.2	-367.0	104.4	100.1	100.5	87.5	98.0
1988	19	-150.6	-207.4	-341.4	104.7	100.3	99.9	89.8	98.9
1989	19	-149.3	-183.4	-360.9	101.8	100.2	100.5	90.3	98.8
1990	15	-123.7	-162.4	-233.6	103.1	100.1	100.7	90.6	100.5
1991	18	-136.2	-182.7	-315.9	103.7	99.6	100.4	89.4	99.3
1992	13	-131.7	-163.1	-314.2	102.8	100.8	101.3	90.4	99.2
1993	17	-121.9	-103.2	-265.4	102.4	99.2	100.1	90.6	98.8
1994	10	-75.0	-49.2	-247.0	103.7	100.1	101.0	91.1	99.2
1995	15	-87.4	-97.3	-172.9	103.1	98.7	100.0	91.6	99.5
1996	10	-135.6	-180.2	-265.8	102.2	100.7	100.9	91.4	99.0
2001	13	-68.7	-81.5	-143.6	101.5	100.6	102.5	92.4	99.3
2003	10	-50.2	-91.0	-152.8	102.3	100.1	102.2	92.6	99.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	11	98.7	100.1	98.7	100.1	99.6	98.4
1981	13	99.1	100.2	99.1	100.2	100.0	98.6
1982	11	99.1	98.9	99.1	98.9	100.0	98.4
1983	14	98.9	98.9	98.9	98.9	99.7	97.9
1984	11	98.9	99.5	98.9	99.5	100.2	98.2
1985	13	99.2	99.4	99.2	99.4	100.0	97.8
1986	10	98.8	98.4	98.8	98.4	99.4	97.3
1987	16	98.8	98.5	98.8	98.5	100.2	98.6
1988	14	99.8	99.2	99.8	99.2	100.8	98.6
1989	16	99.3	99.4	99.3	99.4	100.8	97.8
1990	12	100.1	100.4	100.1	100.4	100.6	99.2
1991	13	99.8	99.5	99.8	99.5	100.8	98.2
1992	11	99.5	99.6	99.5	99.6	100.5	98.5
1993	15	99.4	99.3	99.4	99.3	100.8	98.3
1994	10	99.9	99.2	99.9	99.2	101.3	98.3
1995	10	99.8	99.9	99.8	99.9	100.6	98.4
1996	11	99.7	99.1	99.7	99.1	100.8	97.9
2001	11	99.7	99.5	99.7	99.5	101.0	97.8

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	14	100.5	99.3	101.1	67.5	73.4	70.4
1981	16	100.6	99.1	101.2	59.8	63.4	61.7
1982	16	99.9	99.8	101.6	65.3	69.1	67.9
1983	16	100.8	98.9	100.8	65.1	69.9	68.3
1984	13	100.5	99.4	101.0	58.5	61.6	60.5
1985	15	100.3	98.9	101.3	69.4	74.3	72.8
1986	12	99.9	99.0	101.4	62.8	67.5	66.6
1987	13	100.2	98.7	101.2	66.4	70.2	68.5
1988	14	100.6	99.4	100.7	61.2	65.9	63.3
1989	14	100.4	100.0	101.3	60.6	65.9	64.9
1993	12	100.4	99.4	100.8	55.9	59.4	58.6
2001	11	101.4	98.5	100.3	61.5	64.7	63.5

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1980	15	99.9	98.3	96.3	93.7	105.1	95.3	100.8	94.4	105.6	93.9	93.8
1981	18	100.3	99.8	96.2	94.3	105.8	95.4	101.1	94.3	105.9	94.2	94.5
1982	17	100.9	99.1	96.1	94.4	105.8	94.9	102.3	94.6	104.6	94.3	93.7
1983	21	98.8	98.0	96.6	93.6	104.0	95.9	100.0	94.4	103.8	94.8	92.5
1984	17	99.3	98.6	96.2	93.3	104.8	95.9	100.1	95.2	103.5	95.2	92.6
1985	20	99.5	98.0	96.3	93.6	104.5	95.5	100.6	94.5	103.5	94.9	92.2
1986	15	99.3	97.4	97.9	92.9	104.1	95.9	100.3	95.5	103.4	94.9	91.6
1987	22	99.3	97.6	97.2	93.3	104.2	95.4	99.9	95.4	104.6	94.5	94.1
1988	19	97.7	97.2	96.4	93.5	102.3	96.4	98.8	94.9	102.6	94.8	91.4
1989	19	98.3	96.8	95.6	93.5	102.5	96.3	99.1	95.7	102.4	95.7	91.2
1990	16	97.6	97.8	97.5	93.6	102.4	98.2	98.1	95.0	103.9	96.3	92.2
1991	19	98.5	97.2	96.9	93.3	103.6	96.5	99.6	94.8	103.1	95.9	92.0
1992	13	97.4	96.5	96.9	93.5	101.2	97.6	98.3	95.1	102.3	95.1	92.1
1993	18	97.5	96.9	97.7	92.3	102.6	97.4	97.8	96.1	103.1	96.4	90.7
1994	10	98.0	99.6	96.2	94.3	104.2	97.8	98.1	95.1	105.3	95.7	92.6
1995	15	97.5	97.3	97.4	92.5	103.5	97.8	98.4	93.8	103.4	97.7	90.7
1996	13	97.1	95.5	96.5	92.5	101.1	97.8	97.8	95.3	102.2	94.9	91.8
2001	15	96.7	96.4	96.6	93.5	101.2	97.7	98.3	94.1	101.9	95.7	91.3
2003	12	96.7	96.8	96.0	93.2	102.0	97.6	97.7	94.2	102.8	96.0	91.2

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1980	10	99.9	97.3	99.9
1981	12	99.3	97.1	99.7
1982	14	99.4	96.9	99.7
1983	16	100.4	97.6	100.1
1984	12	99.4	96.8	99.7
1985	13	100.5	98.1	100.2
1986	12	101.1	98.7	99.7
1987	16	100.3	97.9	100.4
1988	13	100.7	98.2	100.3

1989	16	100.6	98.0	100.8
1990	13	100.8	98.2	99.8
1991	14	100.7	98.0	100.2
1992	12	100.1	97.7	100.4
1993	18	101.2	98.6	100.0
1994	10	100.9	98.3	100.3
1995	12	101.9	99.4	100.2
1996	14	101.7	99.2	99.8
2001	14	101.5	98.6	100.4
2003	11	102.1	99.4	100.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	15	-1659.4	-5545.3	-274.7	-245.8
2003	11	-1721.7	-5663.3	-288.5	-253.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	13	99.3	102.5	0	0.0	0	0.0
1981	14	99.3	101.1	0	0.0	0	0.0
1982	14	100.1	101.7	0	0.0	0	0.0
1983	20	99.3	102.5	0	0.0	0	0.0
1984	17	100.4	101.2	0	0.0	0	0.0
1985	20	99.7	102.2	20	-3.2	0	0.0
1986	13	100.0	102.5	15	-3.1	0	0.0
1987	20	101.8	102.0	21	-2.9	0	0.0
1988	19	99.8	102.0	20	-3.2	0	0.0
1989	19	98.8	100.8	19	-2.9	0	0.0
1990	15	99.7	100.9	16	-2.6	0	0.0
1991	18	99.7	100.7	19	-3.1	0	0.0
1992	13	99.3	100.3	14	-2.6	0	0.0
1993	17	100.5	101.6	18	-2.6	0	0.0
1994	10	100.5	100.7	10	-1.7	0	0.0
1995	15	102.5	102.0	15	-1.8	0	0.0
1996	10	99.5	100.7	13	-3.1	0	0.0
2001	13	100.6	100.8	15	-2.0	8	89.0
2003	10	100.1	101.4	11	-1.6	5	92.4

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1981	16	-1296.7	-56.1	-52.9	-68.8	3.8	-9.9	-17.8	-355.4
1982	16	-973.8	-41.2	-40.3	-54.1	4.6	-7.4	-17.1	-268.1
1984	25	-1110.7	-46.6	-46.3	-60.3	5.6	-9.7	-17.4	-306.0
1985	16	-1059.2	-45.5	-44.6	-57.9	4.4	-10.3	-17.3	-295.9
1986	20	-867.7	-35.3	-36.6	-49.0	6.8	-8.3	-16.5	-239.1
1987	20	-735.2	-32.6	-35.4	-43.1	0.3	-14.4	-16.6	-226.7

1989	13	-963.2	-40.3	-38.7	-53.8	5.2	-5.7	-17.4	-259.5
1990	12	-613.8	-18.7	-26.6	-37.7	15.8	-6.0	-16.4	-159.6
1991	17	-522.9	-19.0	-25.6	-33.6	7.8	-10.5	-16.3	-155.1
1992	19	-719.9	-26.5	-30.1	-42.4	11.2	-5.7	-16.5	-191.7
1993	20	-525.8	-24.0	-24.2	-33.5	0.4	-7.8	-16.1	-159.8
1994	17	-415.4	-15.6	-22.1	-28.6	5.0	-10.8	-16.2	-131.8
1995	11	-461.5	-21.9	-22.5	-30.7	-2.5	-8.7	-16.1	-147.3
1996	13	-163.3	-6.5	-13.5	-17.2	3.2	-11.0	-15.6	-73.9
1997	15	-267.3	-11.0	-16.5	-21.8	2.1	-10.4	-15.4	-97.3
1998	16	-108.3	-9.9	-7.1	-14.6	-7.0	-5.0	-15.3	-54.1
1999	30	-163.8	-4.7	-8.8	-17.1	4.6	-4.2	-15.4	-51.1
2000	20	-5.2	-0.5	-4.7	-9.9	0.0	-6.9	-15.2	-22.9
2001	19	115.8	-2.8	-0.8	1.6	-11.6	-7.6	-6.1	-8.9
2002	17	79.4	1.5	0.8	0.2	-1.6	-2.8	-5.2	6.5
2003	16	77.0	-4.1	-1.9	0.2	-11.1	-6.9	-5.0	-16.6
2004	17	-51.6	-8.7	-6.5	-4.2	-9.8	-6.7	-2.6	-46.1
2005	26	-62.3	-3.5	-2.7	-4.2	-0.2	-0.1	-1.7	-19.5
2006	16	-35.4	-5.6	-1.8	-0.8	-5.8	-0.4	1.4	-19.4
2007	17	244.8	7.6	7.6	9.6	-4.8	-2.0	-2.4	50.1
2008	12	171.2	9.1	6.3	4.9	2.8	0.3	-4.5	46.5
2009	14	457.8	14.5	15.0	18.6	-8.8	-2.6	-3.6	97.6

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	10	89.6	97.4	91.5	96.3	101.3	98.2	97.3
1981	19	92.0	98.5	93.9	97.7	100.3	98.7	98.5
1982	17	91.7	99.2	94.8	98.6	101.0	98.9	99.1
1984	27	92.7	97.8	94.4	98.7	99.7	99.2	98.1
1985	14	93.5	98.4	95.1	99.8	99.5	98.5	98.6
1986	17	93.6	98.3	94.7	99.4	99.4	98.4	97.6
1987	18	94.8	98.9	95.1	99.4	100.2	99.2	99.1
1989	11	93.4	100.5	97.3	100.6	101.3	98.5	99.5
1990	11	93.9	97.8	95.3	99.5	99.5	99.7	99.6
1991	13	94.5	97.2	96.0	100.2	99.1	99.8	98.5
1992	11	97.1	100.1	98.9	102.6	99.9	99.0	100.5
1993	18	96.5	99.0	96.7	100.8	99.6	97.8	98.2
1994	12	95.3	98.7	97.0	101.3	98.8	96.6	99.3
1996	11	96.2	98.8	97.1	101.1	100.1	100.0	99.9
1997	14	98.2	97.6	97.9	102.2	97.6	97.8	99.4
1998	15	97.1	100.2	98.8	102.8	98.6	98.9	99.3
1999	25	97.8	99.0	98.0	101.8	98.1	99.1	97.7
2000	15	99.5	99.7	98.6	102.4	98.9	100.2	101.0
2001	15	99.4	100.2	99.4	103.3	97.7	99.1	99.8
2002	12	99.5	98.8	99.4	103.3	98.1	99.5	99.5
2005	12	101.1	101.2	100.2	103.3	99.3	99.2	101.0
2007	13	101.5	101.2	99.8	103.5	98.6	100.2	101.8
2009	12	102.3	100.4	100.6	104.2	98.0	99.3	100.5

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

Jaar	Aantal	BA	BZ	KH	BG
1980	10	92.3	100.6	90.2	90.7

1981	19	93.4	98.7	92.9	92.3
1982	17	94.1	101.5	91.4	93.6
1984	27	94.5	98.3	93.1	93.5
1985	14	93.9	100.6	91.2	92.7
1986	17	96.4	97.8	93.7	95.0
1987	18	94.4	101.2	91.1	93.3
1989	11	93.7	101.0	90.6	93.1
1990	11	93.7	100.9	90.5	93.2
1991	13	94.3	100.9	91.9	93.6
1992	11	96.9	99.6	94.4	96.0
1993	18	97.3	98.4	94.7	96.6
1994	12	95.8	100.8	93.0	94.9
1996	11	98.3	98.5	95.7	97.0
1997	14	96.7	102.3	93.0	95.8
1998	15	96.7	100.5	93.8	95.6
1999	25	98.5	101.4	94.8	97.2
2000	15	97.9	100.3	96.7	97.3
2001	15	98.9	100.9	95.0	97.2
2002	12	98.6	101.6	95.3	97.6
2005	12	100.6	99.7	98.8	99.7
2007	13	99.8	98.5	97.2	98.9
2009	12	100.2	99.7	98.4	100.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	10	97.7	93.0	98.2	97.7	94.7	94.7	92.6
1981	19	97.5	94.2	100.0	97.4	94.2	94.4	92.8
1982	17	96.2	93.6	101.4	96.1	93.1	93.9	92.5
1984	27	96.8	92.4	101.9	96.2	95.6	93.6	92.0
1985	14	96.9	93.1	102.5	96.6	94.6	93.1	91.6
1986	17	98.2	93.9	103.4	96.8	96.6	94.5	93.6
1987	18	98.0	94.7	100.6	97.6	95.1	95.7	94.3
1989	11	96.7	95.3	99.9	96.1	93.4	95.0	93.3
1990	11	98.0	95.2	104.1	97.4	94.9	94.7	93.6
1991	13	98.7	97.8	103.0	97.6	97.1	95.4	95.4
1992	11	99.6	96.6	101.1	98.5	96.4	95.3	94.1
1993	18	100.2	96.6	101.1	99.1	96.9	95.9	94.9
1994	12	97.7	96.0	101.7	97.4	97.8	94.2	93.6
1996	11	99.4	97.4	100.6	98.5	97.4	96.4	96.2
1997	14	98.4	97.9	102.0	98.2	95.9	95.1	96.1
1998	15	99.1	96.1	101.1	97.9	97.8	94.7	94.2
1999	25	99.1	97.8	102.4	98.0	98.4	97.3	96.7
2000	15	99.8	97.8	101.9	99.3	98.7	96.7	96.9
2001	15	99.6	98.4	101.2	98.9	97.9	96.0	96.3
2002	12	99.5	97.9	100.1	99.8	97.9	97.7	97.4
2005	12	101.1	100.8	100.2	101.8	101.1	99.2	99.2
2007	13	100.5	101.5	100.0	100.8	100.9	98.8	100.2
2009	12	100.4	100.9	102.0	100.2	102.7	99.6	100.4

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	10	94.0	96.8	96.1	89.1	104.3	89.8

1981	19	95.9	97.9	95.7	90.7	103.4	91.4
1982	17	96.8	99.5	94.1	92.1	104.1	91.6
1984	27	96.0	98.3	95.0	91.4	102.0	91.3
1985	14	96.3	99.4	94.9	90.7	101.8	91.2
1986	17	95.5	98.4	96.2	92.6	101.4	92.5
1987	18	97.2	99.6	96.2	91.6	102.7	92.6
1989	11	98.2	101.7	94.7	91.4	103.9	92.2
1990	11	97.4	99.5	95.6	91.4	102.8	92.4
1991	13	96.7	99.2	97.3	91.9	101.2	92.9
1992	11	99.4	102.5	97.9	94.8	102.5	96.4
1993	18	96.6	100.4	98.5	95.0	101.2	95.5
1994	12	96.4	99.9	96.8	93.7	100.7	93.8
1996	11	98.4	101.2	97.9	95.5	101.9	96.1
1997	14	96.9	99.9	96.7	94.6	99.4	94.4
1998	15	98.7	101.5	97.5	94.5	101.1	95.7
1999	25	97.3	99.9	98.1	96.4	100.4	96.3
2000	15	99.6	101.0	98.5	96.5	101.3	97.3
2001	15	99.2	101.3	98.3	96.6	100.1	97.3
2002	12	98.8	101.2	98.8	96.6	100.2	97.5
2005	12	100.4	102.8	101.5	99.3	101.7	100.9
2007	13	100.9	102.3	100.6	97.8	101.2	99.9
2009	12	100.1	102.2	100.8	99.8	99.8	100.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	12	103.7	100.8	102.1	102.4	102.1	101.0	89.3	102.6
1981	20	104.1	99.8	101.2	101.6	101.6	101.1	90.3	101.6
1982	18	103.1	99.6	100.6	100.8	100.7	101.4	89.3	100.8
1984	28	102.9	100.5	101.2	102.0	101.1	101.5	90.2	101.8
1985	16	101.9	101.5	101.3	102.6	100.9	100.5	90.7	102.1
1986	21	102.0	100.2	100.5	101.2	100.3	100.6	91.2	100.9
1987	20	102.8	100.7	101.3	101.8	101.3	101.8	92.0	101.8
1989	13	101.8	100.5	100.5	101.5	100.2	101.1	91.0	101.0
1990	12	103.3	98.8	100.4	100.2	101.4	102.4	90.2	100.4
1991	16	102.0	99.5	100.0	100.1	100.5	101.1	92.8	100.1
1992	19	101.8	100.2	100.6	101.1	100.5	100.9	92.5	100.9
1993	20	101.8	100.2	100.8	101.5	101.2	101.4	93.3	101.1
1994	17	101.5	98.3	99.2	99.1	99.7	100.9	92.7	99.1
1995	11	102.5	99.7	100.9	100.9	101.4	101.5	92.7	101.2
1996	13	101.9	99.8	100.9	100.9	101.0	100.8	94.5	101.0
1997	17	99.4	100.5	99.0	100.2	98.6	99.2	95.1	99.6
1998	19	101.3	99.6	100.3	100.3	100.4	100.9	94.8	100.4
1999	30	100.8	99.3	99.9	100.2	100.5	100.9	96.1	100.2
2000	23	99.7	100.1	99.6	100.2	99.4	100.3	96.7	99.8
2001	20	100.2	98.5	99.0	99.0	99.4	100.7	96.0	98.9
2002	17	99.8	99.9	99.4	100.1	99.5	100.4	96.5	99.6
2003	18	99.9	99.5	99.7	99.8	100.0	100.7	97.7	99.7
2004	20	99.4	100.4	99.5	100.5	99.5	99.4	97.3	100.0
2005	28	99.6	100.4	99.7	100.6	99.9	100.5	97.5	100.2
2006	17	99.5	100.6	99.8	100.7	100.2	101.4	98.1	100.3
2007	22	99.6	99.5	99.6	100.0	99.5	99.5	99.0	99.7
2008	12	100.3	100.7	101.2	101.3	101.2	101.5	101.2	101.4
2009	16	100.9	99.0	100.1	100.1	100.5	100.7	98.6	100.1

Tabel: 82 Maas Rijn IJssel: Gebruikskkenmerken
 Basis: Dubbeldoel

Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	11	95.6	87.5	100.0	102.9	103.7
1981	20	97.8	92.0	98.7	101.8	102.7
1982	17	98.8	97.0	97.2	100.3	100.5
1984	24	98.0	96.7	97.5	100.1	100.9
1985	14	97.3	95.6	97.8	100.5	101.4
1986	18	97.8	95.9	98.5	100.0	101.4
1987	17	97.3	96.4	99.1	101.5	102.0
1989	11	97.8	95.6	97.5	100.2	101.3
1990	11	98.5	95.0	99.8	101.9	102.5
1991	14	98.4	97.0	98.4	100.8	101.7
1992	14	99.1	96.9	97.6	99.5	100.9
1993	18	99.3	93.4	99.2	101.3	101.5
1994	12	97.8	95.8	97.6	99.9	100.3
1996	11	99.9	99.5	98.4	99.6	100.7
1997	14	99.1	96.9	99.6	100.9	102.2
1998	15	98.5	97.7	96.6	97.9	98.6
1999	25	98.8	97.9	97.7	99.0	99.9
2000	15	99.7	100.5	99.6	100.8	101.2
2001	15	98.5	98.1	99.1	99.7	100.6
2002	12	99.5	99.2	100.4	101.1	100.9
2003	11	99.3	98.6	98.6	99.6	100.2
2005	12	99.6	99.8	97.0	98.1	98.5
2007	14	99.8	99.9	99.3	99.7	100.5
2009	10	99.7	99.9	100.2	100.0	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	-194.2	-355.4	-319.4	102.5	101.6	95.7	90.7	97.9
1982	16	-169.4	-268.1	-339.4	100.5	100.8	94.1	92.1	97.4
1984	25	-194.1	-306.0	-452.3	100.6	101.8	95.0	91.4	98.4
1985	16	-174.9	-295.9	-386.9	101.2	102.1	94.9	90.7	98.2
1986	20	-155.7	-239.1	-402.8	100.8	100.9	96.2	92.6	98.0
1987	20	-136.8	-226.7	-374.3	102.2	101.8	96.2	91.6	97.2
1989	13	-169.6	-259.5	-413.5	100.8	101.0	94.7	91.4	98.0
1990	12	-124.8	-159.6	-329.4	102.4	100.4	95.6	91.4	97.2
1991	17	-117.5	-155.1	-295.6	101.6	100.1	97.3	91.9	97.5
1992	19	-121.8	-191.7	-375.3	100.4	100.9	97.9	94.8	97.5
1993	20	-83.7	-159.8	-249.9	101.5	101.1	98.5	95.0	98.5
1994	17	-116.8	-131.8	-318.5	100.2	99.1	96.8	93.7	98.3
1995	11	-89.9	-147.3	-231.0	100.1	101.2	98.7	95.3	98.2
1996	13	-52.2	-73.9	-111.6	100.2	101.0	97.9	95.5	99.2
1997	15	-81.8	-97.3	-142.0	101.9	99.6	96.7	94.6	98.4
1998	16	-79.2	-54.1	-170.4	98.2	100.4	97.5	94.5	98.1
1999	30	-51.8	-51.1	-90.9	99.5	100.2	98.1	96.4	98.2
2000	20	-29.0	-22.9	-38.0	101.2	99.8	98.5	96.5	98.8
2001	19	-30.4	-8.9	-4.9	100.3	98.9	98.3	96.6	99.0
2002	17	-12.9	6.5	8.9	101.1	99.6	98.8	96.6	99.4
2003	16	-26.2	-16.6	-22.9	99.9	99.7	100.7	97.0	98.4
2004	17	-38.2	-46.1	-65.9	99.8	100.0	99.6	98.0	97.8
2005	26	-20.7	-19.5	-44.7	98.2	100.2	101.5	99.3	98.7
2006	16	-10.9	-19.4	13.1	99.2	100.3	99.4	98.1	99.4
2007	17	10.3	50.1	112.2	100.1	99.7	100.6	97.8	98.8
2008	12	22.2	46.5	84.8	101.1	101.4	100.1	97.8	99.2
2009	14	41.1	97.6	122.6	100.4	100.1	100.8	99.8	99.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1999	18	96.8	98.1	98.6	96.5	98.9	99.1	99.8
2005	12	100.5	100.2	100.3	99.9	100.2	101.6	100.3
2007	10	100.1	100.3	100.3	98.8	100.5	100.5	100.4

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1981	17	97.7	99.4	97.7	99.4	99.4	99.5
1982	17	96.7	99.8	96.7	99.8	98.3	99.5
1984	20	97.0	100.0	97.0	100.0	98.6	100.2
1985	12	97.8	99.0	97.8	99.0	98.8	99.2
1986	18	97.1	99.6	97.1	99.6	98.4	99.2
1987	19	96.9	99.2	96.9	99.2	98.4	99.2
1989	12	98.0	99.4	98.0	99.4	99.3	99.5
1990	11	96.7	99.2	96.7	99.2	98.2	98.5
1991	16	96.9	99.4	96.9	99.4	98.8	99.2
1992	19	97.3	99.4	97.3	99.4	98.5	98.9
1993	20	97.8	99.8	97.8	99.8	101.0	99.6
1994	17	97.1	100.1	97.1	100.1	98.9	99.6
1995	11	97.3	99.8	97.3	99.8	99.3	99.4
1996	12	98.1	100.3	98.1	100.3	100.3	99.8
1997	17	98.1	99.9	98.1	99.9	98.9	99.9
1998	19	97.6	99.8	97.6	99.8	99.1	99.2
1999	30	97.7	99.6	97.7	99.6	100.0	98.8
2000	23	99.4	99.3	99.4	99.3	101.3	99.7
2001	20	99.2	99.5	99.2	99.5	101.4	99.7
2002	17	98.2	100.4	98.2	100.4	100.4	99.7
2003	18	98.3	99.5	98.3	99.5	100.8	99.1
2004	20	97.8	99.3	97.8	99.3	99.5	99.3
2005	28	98.6	99.6	98.6	99.6	100.6	99.8
2006	17	99.1	100.1	99.1	100.1	101.3	100.6
2007	23	98.5	99.8	98.5	99.8	100.3	99.2
2008	11	98.5	100.1	98.5	100.1	101.1	99.5
2009	16	98.9	99.9	98.9	99.9	101.1	99.4

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	10	95.7	101.6	104.6	88.7	88.7	89.8
1981	20	96.3	101.2	104.2	84.5	82.1	83.8
1982	17	94.6	102.5	105.8	93.6	92.2	93.1
1984	24	96.9	102.0	103.3	99.4	98.5	99.3
1985	15	96.5	101.1	103.8	99.5	99.2	99.7
1986	20	97.3	101.7	102.8	93.4	94.6	94.5
1987	19	96.2	102.1	104.3	97.6	99.2	99.8

1989	13	96.5	101.2	103.8	98.5	99.2	99.4
1990	10	95.6	103.1	104.7	98.2	99.6	100.1
1991	16	96.7	103.8	103.9	97.7	100.4	103.2
1992	19	96.6	102.6	104.1	98.5	99.5	101.0
1993	20	98.8	100.1	101.8	93.1	94.5	95.8
1994	16	97.1	102.0	103.7	99.4	98.6	99.6
1995	10	97.2	102.9	103.3	98.5	99.8	100.4
1996	12	99.9	101.0	100.6	98.8	99.2	101.3
1997	16	97.5	102.1	103.2	99.4	99.4	99.2
1998	17	96.5	102.0	103.9	98.4	98.9	100.3
1999	29	98.8	101.2	101.6	95.5	96.1	97.0
2000	22	98.7	100.6	102.2	98.5	100.0	101.8
2001	20	98.2	100.2	102.3	99.2	99.0	99.6
2002	17	97.8	101.1	102.9	102.7	98.6	99.5
2003	17	97.2	101.2	103.4	99.2	100.4	101.9
2004	19	96.9	99.8	103.8	98.6	99.8	100.8
2005	27	97.9	99.8	102.7	99.7	98.4	100.1
2006	16	98.8	100.1	101.6	99.9	97.6	99.1
2007	18	98.2	100.6	101.8	97.7	100.9	102.7
2008	10	98.1	101.4	102.4	100.1	100.7	101.9
2009	14	98.4	101.0	102.4	99.1	100.0	100.6

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	107.0	108.5	96.4	100.4	112.3	94.7	105.5	98.4	111.4	95.6	102.8
1981	19	106.2	108.1	97.4	101.6	109.7	97.1	104.3	99.8	110.3	98.1	102.9
1982	17	105.9	106.1	97.6	100.5	109.5	95.9	104.5	99.1	109.1	97.9	102.6
1984	23	104.7	105.3	96.5	100.0	108.0	96.4	103.5	99.1	108.2	97.3	101.8
1985	12	105.4	106.0	96.4	101.1	108.2	97.2	104.1	99.6	108.5	98.3	103.1
1986	19	104.9	104.3	96.4	99.9	107.4	95.9	103.6	99.9	107.0	96.2	102.0
1987	19	105.7	105.8	97.1	101.5	108.1	96.4	104.6	99.3	107.9	98.1	102.5
1989	13	106.3	105.4	96.1	101.5	108.5	95.8	104.9	100.2	108.5	97.1	104.2
1990	11	104.3	106.4	96.9	100.7	107.5	97.7	103.3	98.6	108.7	98.0	102.7
1991	16	102.9	103.8	97.4	99.9	104.1	97.5	101.6	100.4	105.2	97.9	100.1
1992	19	105.4	105.3	97.9	101.9	106.3	97.6	103.9	101.2	106.6	98.6	102.5
1993	20	104.8	104.0	98.5	100.8	105.8	97.3	103.5	100.8	105.7	99.5	101.0
1994	15	103.8	102.5	98.4	100.5	104.2	97.7	102.7	100.5	104.7	98.3	100.9
1995	11	102.8	101.3	98.5	99.5	102.8	97.7	102.6	100.2	103.2	98.6	99.7
1996	13	103.6	103.5	98.5	100.4	104.8	97.5	102.7	100.1	105.2	98.6	100.9
1997	17	102.2	101.5	98.3	99.5	102.9	98.2	101.2	100.5	103.8	98.8	100.6
1998	19	102.4	101.4	99.2	100.1	102.6	98.3	101.9	99.9	103.0	98.8	100.6
1999	30	101.9	101.3	99.7	99.9	103.0	98.9	101.3	99.8	103.1	100.5	99.0
2000	23	101.5	101.9	97.8	100.5	101.3	98.3	101.1	99.7	102.3	99.3	99.4
2001	20	101.0	100.3	99.8	99.8	100.6	99.5	100.7	99.5	101.7	100.5	99.2
2002	17	101.9	101.6	99.8	100.5	101.5	98.7	101.1	100.8	102.7	99.9	100.0
2003	18	101.5	101.0	99.6	100.8	100.8	99.1	100.9	100.4	102.6	99.6	100.7
2004	20	100.8	101.8	98.0	101.2	100.8	98.9	100.7	99.0	102.2	98.6	100.5
2005	26	101.5	102.3	98.7	100.8	102.7	98.1	101.7	98.3	103.3	98.1	100.8
2006	16	102.1	102.2	99.5	99.6	103.6	98.3	101.2	100.0	103.3	99.3	99.2
2007	17	100.1	100.5	97.7	99.9	100.0	98.9	100.2	98.8	101.6	98.2	100.0
2008	11	99.1	99.8	100.0	99.0	99.4	100.8	98.4	100.1	101.5	100.7	98.0
2009	15	99.4	99.5	99.1	99.5	99.0	99.6	99.7	98.5	100.7	99.4	98.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1981	17	96.9	96.5	102.1
1982	17	95.9	95.9	102.2
1984	20	96.7	96.5	102.2
1985	12	96.4	96.0	102.2
1986	18	96.0	95.9	101.1
1987	19	96.6	96.2	101.8
1989	12	96.3	95.9	102.7
1990	11	96.7	96.3	101.7
1991	16	96.6	96.4	101.8
1992	19	96.6	96.2	102.2
1993	20	96.7	96.5	101.5
1994	16	96.5	96.3	102.0
1995	11	96.7	96.7	101.5
1996	12	98.2	97.6	102.0
1997	17	97.1	97.4	101.6
1998	19	97.8	97.5	101.4
1999	30	99.0	98.4	101.5
2000	23	99.0	98.7	101.8
2001	20	99.8	99.2	101.9
2002	17	99.5	98.8	100.2
2003	18	100.6	99.3	100.6
2004	20	100.2	99.2	100.1
2005	28	100.4	99.5	99.7
2006	17	99.7	98.8	100.5
2007	23	100.4	99.7	101.0
2008	11	101.1	99.9	101.0
2009	16	100.3	99.4	101.6

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	19	-487.3	-829.4	-109.2	-60.2
2002	17	-290.7	-303.7	-68.6	-34.6
2003	16	-592.9	-1229.1	-126.8	-75.7
2004	17	-945.3	-2713.8	-183.2	-127.5
2005	26	-663.9	-1951.6	-135.4	-85.7
2006	16	-313.6	-446.6	-81.1	-33.3
2007	17	540.7	2934.2	70.4	85.9
2008	12	371.5	2021.3	50.9	57.6
2009	14	870.9	4371.5	124.3	134.0

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

Jaar	Aantal	Eff	Int	Gewen
1986	10	100.2	101.7	101.2
1991	11	98.3	101.1	99.4
1999	17	99.7	103.6	100.9
2000	12	99.3	103.2	101.3
2001	10	99.1	105.8	101.0
2005	10	100.2	104.0	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	97.8	99.9	0	0.0	0	0.0
1982	16	99.9	102.3	0	0.0	0	0.0
1984	25	98.1	100.8	0	0.0	0	0.0
1985	16	99.7	101.1	16	-2.8	0	0.0
1986	20	100.5	101.8	20	-2.3	0	0.0
1987	20	99.4	101.3	20	-2.0	0	0.0
1989	13	98.5	100.3	13	-2.1	0	0.0
1990	12	99.8	100.2	12	-1.6	0	0.0
1991	17	98.1	100.5	16	-1.5	0	0.0
1992	19	96.5	99.5	19	-1.5	0	0.0
1993	20	98.8	100.5	20	-1.4	0	0.0
1994	17	99.1	98.8	17	-1.3	0	0.0
1995	11	100.2	99.8	11	-1.4	0	0.0
1996	13	100.8	100.2	13	-0.6	0	0.0
1997	15	99.0	100.6	15	-1.0	0	0.0
1998	16	99.1	99.6	16	-0.6	0	0.0
1999	30	99.7	98.7	30	-0.8	0	0.0
2000	20	102.7	101.8	20	-0.2	0	0.0
2001	19	100.3	100.8	19	-0.2	15	98.5
2002	17	101.1	100.9	17	-0.1	12	98.1
2003	16	99.4	99.4	16	-0.3	9	96.7
2004	17	100.4	99.2	17	-0.3	9	100.8
2005	26	99.6	98.7	26	-0.2	12	100.9
2006	16	99.8	99.6	16	-0.3	8	98.8
2007	17	99.9	100.4	17	0.4	13	100.5
2008	12	100.5	98.9	12	0.1	8	97.2
2009	14	101.4	99.1	14	0.6	12	100.3

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1984	15	-2015.6	-78.4	-76.5	-91.9	20.3	-6.1	-0.4	-506.0
1985	20	-2020.5	-80.5	-77.5	-92.2	17.1	-7.2	-0.2	-514.7
1986	46	-2020.2	-76.1	-77.9	-92.2	25.7	-7.6	-0.4	-506.9
1987	145	-2053.3	-81.4	-79.3	-93.7	18.4	-8.2	-0.4	-524.2
1988	277	-2038.3	-79.8	-77.4	-93.0	19.9	-5.9	-0.4	-513.0
1989	434	-1983.1	-75.3	-74.3	-90.5	23.5	-3.9	-0.4	-490.0
1990	659	-2018.8	-74.3	-74.8	-92.1	28.0	-2.5	-0.4	-490.5
1991	1087	-1841.3	-63.9	-64.2	-84.0	30.7	3.8	-0.3	-422.7
1992	1462	-1723.2	-62.4	-61.9	-78.6	24.6	0.9	-0.4	-408.5
1993	1611	-1653.5	-62.6	-61.4	-75.5	19.2	-2.3	-0.3	-406.0
1994	2107	-1547.7	-52.0	-55.0	-70.6	27.1	1.5	-0.3	-355.9
1995	2321	-1477.4	-50.1	-52.7	-67.4	25.0	1.2	-0.3	-341.6
1996	2110	-1394.4	-47.6	-51.1	-63.7	23.1	-0.9	-0.3	-328.8
1997	1713	-1241.5	-43.5	-46.6	-56.7	18.6	-2.4	-0.3	-299.5
1998	1680	-1199.0	-42.7	-45.0	-54.7	17.2	-2.0	-0.3	-290.5
1999	1392	-1145.4	-40.1	-41.9	-52.3	17.2	-0.4	-0.3	-271.7
2000	1001	-913.7	-35.6	-36.0	-41.7	8.8	-3.7	-0.2	-235.0
2001	951	-774.3	-35.7	-31.0	-35.2	0.0	-3.7	0.1	-212.6
2002	738	-610.2	-31.9	-26.5	-27.5	-4.3	-5.4	0.4	-183.9
2003	694	-559.1	-23.5	-22.7	-24.3	3.1	-2.9	1.6	-149.6

2004	643	-386.8	-15.2	-17.5	-16.0	4.1	-3.7	2.1	-108.7
2005	624	-201.4	-11.6	-12.2	-8.5	-1.9	-5.5	0.9	-77.0
2006	529	-141.4	-9.7	-9.9	-5.6	-2.6	-5.0	1.1	-62.5
2007	537	-184.6	-2.2	-6.3	-7.1	9.0	1.1	1.6	-32.7
2008	426	-154.7	-0.3	-4.2	-6.3	9.5	2.3	1.0	-19.8
2009	367	-79.7	-1.1	-3.8	-2.8	3.9	-0.7	1.1	-19.0
2010	194	-77.6	-3.5	-3.6	-2.1	1.1	-0.5	1.8	-22.6
2011	165	-79.7	-0.8	-2.4	-2.2	4.3	1.2	1.8	-12.2
2012	124	-51.7	-1.8	-1.9	-1.5	1.9	0.6	1.3	-12.2
2013	215	97.3	0.4	2.7	4.7	-4.0	-0.5	0.4	13.2
2014	105	41.2	-1.6	1.0	2.7	-2.9	0.0	1.1	1.6
2015	69	129.3	0.2	4.5	7.1	-5.7	0.2	1.5	20.8
2016	61	243.8	3.9	9.1	14.6	-7.8	1.0	4.3	50.2

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	11	88.9	98.5	92.6	92.5	101.2	95.6	98.0
1986	30	89.0	97.0	91.3	91.6	101.7	95.3	97.1
1987	62	87.8	98.0	91.2	91.1	102.2	97.1	96.7
1988	150	88.5	98.3	91.2	91.2	102.9	97.1	97.6
1989	286	88.6	98.1	91.2	91.2	102.4	97.3	96.9
1990	408	89.1	98.3	91.7	91.5	102.3	97.0	97.7
1991	672	89.6	97.8	92.3	92.4	100.7	97.0	97.0
1992	884	90.4	98.0	92.5	92.6	101.0	97.0	97.9
1993	958	91.3	98.4	93.1	93.2	101.3	96.9	98.7
1994	1191	91.5	99.8	94.8	94.0	101.9	97.3	99.5
1995	1252	91.7	100.0	95.2	94.6	101.7	97.4	99.6
1996	1128	92.1	100.0	95.7	95.0	101.7	97.5	99.6
1997	927	92.8	100.3	96.4	95.8	101.1	97.6	99.7
1998	863	93.7	100.3	97.1	96.5	100.9	97.7	99.5
1999	698	93.8	100.1	96.8	96.4	100.7	97.6	99.6
2000	461	94.7	99.9	96.6	96.3	100.6	97.8	99.3
2001	433	95.2	100.1	96.3	96.0	100.5	97.6	99.5
2002	368	95.8	100.2	96.7	96.6	100.5	97.8	99.2
2003	353	96.4	101.1	97.8	97.7	100.8	98.8	98.7
2004	303	96.6	101.3	98.8	98.8	100.0	98.9	99.2
2005	281	97.1	101.6	99.4	99.2	99.7	99.4	99.6
2006	243	97.4	102.4	99.8	99.4	100.2	99.5	99.8
2007	254	97.2	103.0	100.3	99.9	100.8	100.2	98.7
2008	225	97.2	102.6	99.8	99.6	100.6	100.4	98.4
2009	198	97.8	102.4	99.9	99.9	100.6	101.1	98.1
2010	96	98.2	102.0	99.9	99.8	100.2	100.9	99.5
2011	90	99.0	102.2	99.9	99.6	100.3	100.7	99.8
2012	63	99.3	101.2	99.7	100.1	99.6	100.5	99.6
2013	103	99.1	101.3	99.5	99.7	99.5	100.0	100.0
2014	59	99.6	101.2	99.3	99.5	99.6	98.8	100.1
2015	30	100.0	101.9	99.9	99.5	99.9	99.7	100.0
2016	20	99.7	101.2	99.3	99.4	99.4	99.8	100.6

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

Jaar	Aantal	BA	BZ	KH	BG
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1985	11	92.1	101.1	93.6	89.3
1986	30	93.0	101.2	94.1	89.9
1987	62	94.0	100.2	92.8	91.4
1988	150	94.9	99.8	94.2	92.3
1989	286	95.0	99.8	94.6	92.4
1990	408	95.2	100.1	94.7	92.6
1991	672	93.8	102.2	93.4	90.9
1992	884	94.3	101.5	94.2	91.4
1993	958	95.0	101.6	94.7	92.3
1994	1191	93.1	102.0	93.3	91.2
1995	1252	93.5	102.0	93.3	91.6
1996	1128	94.6	101.9	94.0	92.6
1997	927	95.3	102.3	94.1	93.2
1998	863	96.0	103.4	93.8	93.8
1999	698	96.6	102.9	94.4	94.5
2000	461	97.2	102.3	95.6	95.2
2001	433	97.5	101.6	96.8	95.5
2002	368	97.1	101.4	97.3	95.2
2003	353	97.9	100.8	97.7	96.5
2004	303	97.9	101.6	97.0	96.8
2005	281	97.5	102.2	96.3	96.7
2006	243	98.4	101.7	96.7	97.6
2007	254	99.5	100.2	97.9	99.5
2008	225	99.5	100.1	98.0	99.7
2009	198	99.7	99.8	98.2	100.0
2010	96	99.2	100.2	98.2	99.3
2011	90	100.5	99.5	99.2	100.7
2012	63	101.0	99.5	99.4	101.2
2013	103	101.9	99.1	99.9	101.8
2014	59	101.7	99.6	99.9	101.3
2015	30	101.8	99.7	99.3	101.3
2016	20	100.7	100.8	99.0	101.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	11	93.2	89.2	102.4	93.6	88.3	91.4	90.8
1986	30	94.6	91.1	102.3	95.5	89.9	92.4	92.1
1987	62	93.3	90.1	103.0	94.0	89.2	92.1	91.5
1988	150	93.6	90.6	103.5	94.3	89.1	91.9	91.6
1989	286	93.8	91.1	103.5	94.4	89.6	91.8	91.5
1990	408	93.5	91.0	102.6	94.3	89.2	91.4	91.2
1991	672	94.1	90.9	102.3	94.1	89.5	91.6	91.2
1992	884	94.6	90.9	102.1	94.8	89.8	91.4	91.4
1993	958	95.1	91.6	101.8	95.4	90.2	92.1	92.1
1994	1191	94.8	93.0	100.9	94.1	88.9	92.9	93.3
1995	1252	94.9	93.3	101.1	94.1	89.4	93.5	93.7
1996	1128	95.0	93.6	101.3	94.1	90.2	93.7	94.0
1997	927	95.1	93.8	101.1	94.3	91.0	93.9	93.9
1998	863	94.8	93.6	101.2	94.2	91.7	94.3	94.0
1999	698	95.1	94.3	101.2	94.7	92.5	95.1	94.7
2000	461	95.7	94.7	101.5	95.6	93.5	95.8	95.5
2001	433	96.2	94.4	102.2	96.0	93.8	95.8	95.1
2002	368	96.2	94.1	102.1	95.9	94.4	95.7	94.6
2003	353	97.3	95.6	101.0	96.5	94.9	96.2	95.6
2004	303	97.5	96.5	101.2	96.2	95.4	97.6	97.5
2005	281	97.5	96.3	101.9	95.9	96.1	97.2	97.2
2006	243	98.1	96.7	101.4	96.7	96.5	97.5	97.6
2007	254	98.1	97.7	100.3	96.7	95.9	97.3	97.4

2008	225	98.3	98.0	100.0	97.1	96.3	97.4	97.7
2009	198	98.6	98.4	99.9	97.5	96.3	97.5	98.0
2010	96	98.8	98.4	100.0	98.1	97.2	98.4	98.8
2011	90	99.3	98.9	99.8	98.8	97.7	98.8	99.3
2012	63	100.3	99.2	99.7	99.6	99.0	99.9	100.1
2013	103	100.5	99.6	99.5	99.9	98.9	99.7	100.3
2014	59	100.8	99.5	100.4	100.3	99.3	99.7	100.3
2015	30	100.8	100.7	100.4	100.2	100.0	100.2	101.1
2016	20	102.0	100.0	101.7	100.8	100.2	100.1	100.8

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1985	11	93.9	94.9	89.4	88.2	0.0	85.4
1986	30	92.1	93.8	91.5	88.8	0.0	86.3
1987	62	93.1	93.7	90.0	90.1	0.0	86.5
1988	150	93.7	94.5	90.3	91.4	0.0	87.6
1989	286	93.4	94.0	90.5	91.4	0.0	87.5
1990	408	93.9	94.5	90.1	91.7	0.0	87.7
1991	672	93.5	94.0	90.5	90.0	0.0	86.8
1992	884	94.1	94.6	91.0	90.5	0.0	87.7
1993	958	94.8	95.6	91.7	91.6	0.0	88.9
1994	1191	96.4	97.1	90.8	90.2	0.0	88.4
1995	1252	96.7	97.4	91.1	90.6	0.0	88.9
1996	1128	97.0	97.9	91.5	91.7	0.0	89.9
1997	927	97.4	98.2	92.0	92.3	0.0	90.6
1998	863	97.5	98.5	92.2	92.9	0.0	91.1
1999	698	97.4	98.2	92.9	93.7	0.0	91.8
2000	461	97.2	98.1	93.8	94.6	0.0	92.7
2001	433	97.1	97.8	94.3	95.1	0.0	93.2
2002	368	97.2	98.1	94.6	94.9	0.0	93.3
2003	353	98.2	98.9	95.5	96.1	0.0	94.8
2004	303	98.9	99.4	95.6	96.2	0.0	95.3
2005	281	99.7	99.7	95.7	95.9	0.0	95.4
2006	243	100.1	100.1	96.4	96.8	0.0	96.4
2007	254	100.2	100.5	96.3	98.7	0.0	97.5
2008	225	100.0	100.1	96.6	99.0	0.0	97.7
2009	198	100.2	100.3	96.8	99.3	0.0	98.0
2010	96	100.6	100.2	97.5	98.6	0.0	98.1
2011	90	100.8	100.4	98.1	100.1	0.0	99.4
2012	63	100.2	100.3	99.4	100.6	0.0	100.2
2013	103	100.2	100.1	99.5	101.3	0.0	100.6
2014	59	99.4	100.1	99.8	100.9	0.0	100.3
2015	30	100.2	100.4	100.2	100.9	0.0	100.8
2016	20	100.2	99.8	100.8	100.5	0.0	100.7

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	103.8	103.6	103.6	103.9	103.2	100.8	88.8	103.8
1985	27	103.3	103.4	103.0	103.7	102.1	100.4	88.6	103.6
1986	57	103.7	103.6	103.8	104.1	103.1	100.7	89.4	104.2
1987	165	104.1	103.9	104.0	104.4	103.4	101.3	89.6	104.4
1988	276	104.5	103.5	104.0	104.3	103.7	101.4	88.7	104.4

1989	434	103.4	103.5	103.4	103.9	102.8	100.9	88.9	103.9
1990	663	103.3	103.9	103.6	104.2	103.0	101.3	89.3	104.2
1991	1087	103.7	102.4	103.1	103.1	103.0	101.2	90.8	103.4
1992	1468	103.5	102.4	103.0	103.0	102.8	101.1	91.5	103.2
1993	1615	103.0	102.7	102.8	103.1	102.5	100.9	91.9	103.2
1994	2132	102.5	102.6	102.5	102.8	102.1	100.9	92.1	102.9
1995	2341	102.1	102.7	102.3	102.8	101.8	100.9	92.2	102.8
1996	2135	101.8	102.3	101.8	102.1	101.4	100.7	92.9	102.1
1997	1724	101.2	101.8	101.2	101.3	100.7	100.5	93.2	101.4
1998	1708	100.9	101.9	101.2	101.3	100.7	100.7	93.8	101.4
1999	1414	101.0	102.1	101.5	101.7	101.0	100.6	93.8	101.7
2000	1021	101.5	101.2	101.4	101.2	101.3	100.9	94.4	101.4
2001	986	101.3	101.9	101.7	101.9	101.5	100.3	94.5	101.9
2002	761	100.5	102.4	101.6	102.1	101.1	100.3	95.9	102.0
2003	730	99.4	102.0	100.6	101.0	100.0	100.0	96.9	100.9
2004	678	99.0	101.3	99.8	100.0	99.2	99.4	96.6	99.9
2005	665	98.9	101.1	99.9	99.9	99.3	99.3	96.4	99.9
2006	579	98.7	101.1	99.9	99.7	99.2	99.3	96.9	99.8
2007	585	97.3	101.8	99.1	99.5	98.2	99.0	99.0	99.2
2008	507	97.7	101.7	99.4	99.7	98.6	99.2	98.8	99.5
2009	436	97.8	101.5	99.4	99.5	98.7	99.3	98.7	99.4
2010	224	98.6	101.4	100.0	100.0	99.4	99.4	98.5	100.0
2011	210	98.5	101.1	99.6	99.6	99.2	99.4	98.8	99.5
2012	159	98.2	101.2	99.5	99.6	99.1	99.3	98.9	99.6
2013	282	98.7	100.6	99.5	99.3	99.2	99.3	98.9	99.3
2014	146	99.5	100.7	100.2	100.0	100.1	99.4	98.3	100.1
2015	91	99.3	102.0	101.2	101.3	100.6	99.3	99.7	101.3
2016	86	99.8	102.2	101.9	101.9	101.7	99.6	99.5	102.0

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1985	13	101.7	83.5	98.7	101.4	103.1
1986	29	101.7	99.5	97.8	100.2	102.1
1987	65	100.3	93.7	98.4	100.8	102.6
1988	142	100.2	96.7	98.5	100.7	102.6
1989	270	99.4	98.1	98.2	100.0	102.4
1990	383	100.1	99.0	97.9	99.5	101.6
1991	653	99.9	99.0	98.9	100.8	102.1
1992	874	100.7	99.3	98.9	100.7	102.0
1993	933	101.5	99.2	98.4	100.1	101.6
1994	1161	101.8	99.2	98.7	100.1	101.7
1995	1244	101.4	99.1	98.4	99.5	101.3
1996	1119	101.8	99.6	98.3	99.1	101.1
1997	924	101.4	99.7	98.3	99.0	100.9
1998	853	101.5	99.4	98.2	98.8	100.3
1999	691	101.1	99.5	98.0	98.6	99.8
2000	451	101.0	99.0	98.6	99.2	100.2
2001	434	101.1	98.8	98.3	98.7	99.4
2002	365	100.9	98.5	97.7	97.8	98.2
2003	352	100.9	99.1	98.1	98.2	98.7
2004	302	100.7	98.9	98.8	98.5	99.1
2005	276	100.9	99.2	99.2	99.2	99.0
2006	243	101.0	99.2	99.7	99.4	99.3
2007	252	101.3	100.3	99.6	99.3	99.4
2008	226	101.4	100.3	99.9	99.3	99.4
2009	193	101.8	100.4	100.1	99.4	99.7
2010	94	101.0	100.0	99.9	99.4	99.4
2011	88	100.8	99.3	100.4	99.7	99.7

2012	60	100.5	100.3	100.4	99.5	99.3
2013	94	100.7	99.8	101.2	100.2	99.9
2014	55	101.3	101.2	101.2	100.2	99.5
2015	30	101.3	101.5	102.0	100.8	100.1
2016	17	101.0	101.4	102.5	101.3	101.0

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	-218.6	-506.0	-182.4	103.7	103.8	93.0	89.9	99.6
1985	20	-229.8	-514.7	-280.4	102.7	103.6	89.4	88.2	100.3
1986	46	-228.2	-506.9	-296.4	101.5	104.2	91.5	88.8	99.0
1987	145	-233.1	-524.2	-300.1	102.0	104.4	90.0	90.1	99.9
1988	277	-224.4	-513.0	-296.5	102.0	104.4	90.3	91.4	99.5
1989	434	-220.3	-490.0	-302.8	101.6	103.9	90.5	91.4	99.2
1990	659	-224.0	-490.5	-313.1	100.8	104.2	90.1	91.7	99.3
1991	1087	-207.9	-422.7	-320.0	101.7	103.4	90.5	90.0	99.0
1992	1462	-200.0	-408.5	-288.7	101.6	103.2	91.0	90.5	99.1
1993	1611	-197.8	-406.0	-287.1	101.1	103.2	91.7	91.6	99.3
1994	2107	-188.2	-355.9	-294.4	101.1	102.9	90.8	90.2	99.5
1995	2321	-182.0	-341.6	-276.2	100.6	102.8	91.1	90.6	99.7
1996	2110	-180.0	-328.8	-271.9	100.3	102.1	91.5	91.7	99.8
1997	1713	-173.2	-299.5	-271.7	100.1	101.4	92.0	92.3	99.6
1998	1680	-171.6	-290.5	-299.9	99.6	101.4	92.2	92.9	99.6
1999	1392	-157.6	-271.7	-281.7	99.2	101.7	92.9	93.7	100.0
2000	1001	-132.7	-235.0	-211.8	99.7	101.4	93.8	94.6	100.0
2001	951	-117.7	-212.6	-178.3	99.0	101.9	94.3	95.1	100.3
2002	738	-113.2	-183.9	-193.2	97.8	102.0	94.6	94.9	100.3
2003	694	-98.2	-149.6	-166.0	98.3	100.9	95.5	96.1	98.9
2004	643	-88.7	-108.7	-176.3	98.7	99.9	95.6	96.2	97.5
2005	624	-71.8	-77.0	-144.0	99.0	99.9	95.7	95.9	98.2
2006	529	-61.2	-62.5	-116.9	99.3	99.8	96.4	96.8	98.2
2007	537	-41.6	-32.7	-63.0	99.3	99.2	96.3	98.7	96.5
2008	426	-28.8	-19.8	-23.5	99.3	99.5	96.6	99.0	96.9
2009	367	-26.8	-19.0	-2.7	99.5	99.4	96.8	99.3	97.2
2010	194	-22.8	-22.6	3.5	99.3	100.0	97.5	98.6	97.8
2011	165	-12.4	-12.2	13.6	99.6	99.5	98.1	100.1	97.9
2012	124	-10.8	-12.2	28.1	99.3	99.6	99.4	100.6	98.2
2013	215	8.5	13.2	51.9	100.0	99.3	99.5	101.3	99.1
2014	105	8.6	1.6	74.2	99.8	100.1	99.8	100.9	99.9
2015	69	32.2	20.8	91.3	100.4	101.3	100.2	100.9	100.1
2016	61	65.9	50.2	171.3	101.2	102.0	100.8	100.5	101.0

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1991	27	94.3	94.4	98.1	96.8	96.1	95.8	97.5
1992	13	93.9	95.1	97.8	95.5	96.2	96.8	97.5
1993	16	94.8	96.1	97.7	96.1	96.2	98.4	97.6
1994	34	96.5	97.3	99.6	96.6	97.1	99.3	96.9
1995	59	96.9	97.9	100.5	96.3	97.5	100.1	96.5
1996	34	96.4	97.7	99.8	96.1	97.2	99.8	96.7
1997	40	95.8	95.8	99.4	97.5	95.9	98.3	96.5
1998	41	95.9	96.1	99.7	97.7	95.3	97.9	95.6

1999	46	97.1	96.9	100.7	98.4	96.1	98.4	96.4
2000	40	96.8	98.0	99.1	97.7	96.9	98.8	96.7
2001	48	97.1	98.0	99.8	97.5	97.5	99.4	96.1
2002	31	97.9	98.6	100.5	98.0	97.5	100.5	95.3
2003	42	98.5	99.2	100.0	99.5	98.2	98.8	96.6
2004	42	99.1	100.0	100.3	99.4	98.8	98.6	97.5
2005	41	100.0	100.4	101.0	100.0	99.1	99.1	98.4
2006	34	99.8	100.5	100.7	99.7	98.9	98.8	98.2
2007	34	100.7	101.8	100.4	100.3	100.4	98.5	99.3
2008	34	100.7	101.8	100.4	100.0	101.2	98.3	100.1
2009	31	100.5	100.7	100.5	101.0	99.4	99.2	99.1
2010	25	99.8	101.0	99.8	99.5	100.2	99.0	99.0
2011	16	100.9	102.1	99.6	100.8	101.5	99.5	99.6
2012	14	100.7	101.4	100.1	100.6	100.9	99.1	99.5
2013	16	100.4	102.1	99.2	99.8	102.0	99.7	99.7
2014	12	100.3	101.4	99.9	99.9	101.9	99.5	99.2

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1989	22	95.6	100.9	95.6	100.9	96.8	99.9
1990	21	95.3	101.1	95.3	101.1	96.2	99.1
1991	56	96.9	100.9	96.9	100.9	99.5	97.8
1992	45	95.7	101.4	95.7	101.4	97.2	99.0
1993	49	95.6	101.5	95.6	101.5	97.3	99.2
1994	59	95.9	102.0	95.9	102.0	98.0	99.6
1995	95	96.0	101.9	96.0	101.9	98.3	99.4
1996	64	96.6	102.0	96.6	102.0	98.3	99.9
1997	76	96.7	101.5	96.7	101.5	98.2	99.8
1998	92	96.6	101.9	96.6	101.9	98.1	99.4
1999	87	97.2	102.1	97.2	102.1	98.3	100.1
2000	72	97.3	101.3	97.3	101.3	98.0	100.6
2001	94	97.8	101.6	97.8	101.6	98.5	101.1
2002	55	97.8	101.4	97.8	101.4	98.4	100.9
2003	76	97.6	99.8	97.6	99.8	98.2	99.8
2004	70	97.2	99.4	97.2	99.4	98.5	99.0
2005	77	97.6	99.5	97.6	99.5	99.1	99.0
2006	60	97.7	99.5	97.7	99.5	98.7	99.9
2007	54	97.6	98.4	97.6	98.4	99.2	98.9
2008	59	98.4	98.7	98.4	98.7	99.6	99.0
2009	50	98.3	99.6	98.3	99.6	99.6	99.6
2010	37	97.5	100.1	97.5	100.1	99.2	99.8
2011	29	97.7	99.7	97.7	99.7	99.9	99.9
2012	24	97.6	100.0	97.6	100.0	99.4	100.0
2013	21	99.3	100.4	99.3	100.4	100.9	100.3
2014	18	99.8	100.4	99.8	100.4	101.4	100.7
2015	12	100.7	100.2	100.7	100.2	102.7	101.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1984	10	98.2	101.5	101.5	90.8	87.5	89.6
1986	26	96.4	102.3	103.3	97.6	99.5	103.1
1987	73	97.5	101.8	102.2	98.3	99.9	103.0

1988	130	98.0	102.2	101.8	97.6	98.6	102.6
1989	169	97.9	102.1	101.8	97.8	99.1	102.9
1990	313	98.0	102.5	101.6	97.8	99.5	101.9
1991	521	97.1	101.0	102.5	96.3	100.0	102.9
1992	683	96.6	101.5	103.0	96.6	99.9	102.2
1993	696	96.8	101.5	102.9	98.5	99.8	100.7
1994	813	96.5	101.8	103.1	99.2	99.5	101.3
1995	891	96.9	101.8	102.8	100.3	99.3	100.0
1996	853	97.3	102.0	102.6	99.8	99.2	99.8
1997	755	97.0	101.8	102.9	99.7	99.8	100.5
1998	719	96.8	102.3	103.2	99.0	100.2	100.8
1999	633	97.3	101.0	102.8	99.8	100.1	100.1
2000	458	97.9	100.3	102.2	99.9	99.3	99.9
2001	450	97.3	99.9	102.8	100.4	98.6	99.7
2002	338	96.8	100.0	103.2	99.9	98.9	100.1
2003	317	97.0	101.1	103.2	98.8	99.9	99.8
2004	258	96.8	102.0	103.3	99.2	101.6	101.1
2005	241	97.2	101.6	103.1	99.0	101.4	101.0
2006	217	97.0	101.7	103.3	99.8	102.5	101.6
2007	229	98.4	102.3	102.1	97.4	103.9	102.1
2008	219	98.6	101.8	101.9	97.5	103.3	101.9
2009	204	98.5	101.6	102.0	97.9	103.0	102.0
2010	117	97.8	101.5	102.8	98.4	102.4	101.4
2011	96	98.5	100.8	102.3	98.6	102.4	101.2
2012	77	98.6	101.0	102.0	98.2	101.8	101.0
2013	108	97.4	100.6	103.5	99.0	101.5	101.5
2014	55	97.7	100.1	103.1	100.1	99.9	101.0
2015	41	98.7	99.3	101.5	100.2	101.0	101.2
2016	38	100.4	99.1	100.0	101.2	100.8	101.0
2017	13	99.5	97.7	100.9	100.9	99.3	100.1
2018	10	98.5	100.5	102.4	101.0	101.6	101.6

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1986	15	106.9	112.5	94.7	103.6	110.2	98.5	105.5	99.1	110.2	98.8	104.3
1987	28	106.7	112.4	94.5	103.8	110.4	99.0	105.8	98.3	108.8	97.9	103.9
1988	53	107.9	114.4	94.3	105.0	112.7	99.4	106.5	98.0	111.4	98.6	105.0
1989	76	106.8	112.6	95.2	103.6	110.6	98.4	105.8	97.9	110.6	99.0	104.7
1990	122	106.8	112.4	95.0	103.7	110.1	98.4	105.7	98.5	110.9	99.1	105.0
1991	245	105.2	109.6	96.1	102.0	108.1	97.7	104.4	98.3	109.0	98.5	103.2
1992	323	105.2	109.4	95.7	102.1	108.0	98.0	104.5	98.3	108.6	98.1	103.2
1993	384	106.1	109.4	96.1	102.6	108.5	97.8	105.4	98.5	108.7	98.6	104.3
1994	475	105.8	109.9	96.3	103.4	107.5	98.5	105.0	99.0	108.6	98.7	105.6
1995	624	105.5	109.5	97.1	103.2	106.9	99.3	104.5	99.3	108.4	99.3	105.5
1996	594	105.4	109.5	97.3	103.1	106.9	99.5	104.3	99.1	108.5	99.4	105.5
1997	568	104.8	108.1	97.8	102.4	106.2	99.4	103.9	99.0	107.6	99.4	104.3
1998	624	104.2	107.0	97.9	102.1	105.5	99.0	103.5	99.0	107.0	98.5	104.1
1999	630	103.8	106.8	97.8	102.1	105.1	99.0	103.3	98.7	106.5	98.6	104.1
2000	521	103.7	105.7	98.2	101.4	104.9	99.3	102.7	99.5	106.4	99.1	103.1
2001	581	103.8	105.0	99.8	101.5	104.8	99.7	102.8	99.7	105.6	100.1	103.6
2002	472	103.6	104.5	100.4	101.5	104.7	99.8	103.0	99.3	105.2	100.3	102.7
2003	534	103.5	104.5	99.8	101.5	104.1	99.6	102.5	100.3	105.0	99.6	103.2
2004	488	103.3	104.0	99.8	101.3	103.5	99.4	101.8	101.2	105.1	98.9	103.2
2005	487	103.4	103.1	100.6	100.8	103.4	99.0	102.0	101.5	105.0	98.9	103.4
2006	417	103.2	103.5	100.3	101.2	102.9	99.0	101.7	101.6	105.2	99.5	103.1
2007	473	102.6	103.9	100.1	101.0	102.1	99.4	100.9	101.9	105.6	99.6	102.5
2008	374	102.2	103.7	100.1	100.7	102.1	99.6	100.7	101.5	105.4	100.2	102.2
2009	328	102.3	103.9	100.0	100.9	102.1	99.7	100.7	101.2	107.0	100.1	102.9

2010	171	102.2	103.5	99.9	100.5	102.4	99.2	101.0	100.7	105.9	99.2	101.8
2011	136	101.7	103.0	99.9	99.9	101.7	99.6	100.5	100.4	105.9	100.2	101.8
2012	85	101.3	103.2	100.0	100.4	101.3	100.1	100.1	100.0	107.0	100.8	102.4
2013	160	101.5	102.1	100.6	99.9	101.1	100.1	100.2	100.2	106.7	100.2	103.8
2014	55	101.4	100.2	101.9	98.7	101.3	99.6	100.7	100.1	103.4	100.5	100.7
2015	21	101.5	100.1	101.8	99.9	100.9	99.3	101.0	99.7	104.7	101.7	100.4

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1989	13	97.9	98.8	100.2
1990	16	97.9	99.1	99.6
1991	33	99.0	99.9	100.4
1992	19	97.5	98.6	100.5
1993	27	97.4	99.0	99.6
1994	40	98.6	99.6	100.1
1995	42	98.7	99.7	99.9
1996	37	98.5	100.0	99.7
1997	58	98.1	99.5	99.0
1998	66	97.7	99.0	99.3
1999	69	98.2	99.4	99.9
2000	61	97.9	99.4	99.8
2001	78	98.5	99.4	100.1
2002	45	98.8	99.6	100.2
2003	66	99.6	100.3	99.7
2004	58	99.3	100.1	100.1
2005	60	100.5	100.7	100.4
2006	50	100.6	100.8	100.6
2007	41	100.4	100.5	100.1
2008	52	100.7	100.9	100.9
2009	40	100.0	100.2	100.2
2010	28	100.0	100.1	100.7
2011	23	101.0	101.6	99.8
2012	19	101.3	101.3	100.2
2014	13	101.6	101.3	100.8
2015	11	101.2	101.5	101.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	950	-1940.6	-8017.6	-321.9	-281.7
2002	739	-1915.7	-7746.6	-322.6	-276.1
2003	692	-1653.1	-7069.8	-266.7	-242.9
2004	642	-1595.6	-6830.5	-252.8	-236.8
2005	626	-1284.1	-5373.2	-206.3	-189.5
2006	529	-1078.6	-4533.6	-172.1	-159.7
2007	539	-646.5	-3430.0	-87.0	-101.6
2008	429	-353.3	-2327.0	-36.7	-59.6
2009	376	-225.2	-1559.0	-17.9	-40.6
2010	198	-194.4	-1349.6	-19.8	-32.8
2011	174	-82.1	-1054.4	3.1	-18.1
2012	127	1.7	-632.7	13.7	-4.5
2013	225	245.1	576.2	46.5	34.0
2014	115	347.2	954.4	64.3	48.5

2015	76	538.6	1787.1	92.4	78.1
2016	68	1150.0	4259.2	193.5	167.0

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

Jaar	Aantal	Eff	Int	Gewen
1989	12	99.8	96.1	101.8
1990	13	100.2	95.8	102.0
1991	32	99.3	97.8	102.2
1992	27	100.7	97.5	101.7
1993	39	100.9	97.0	101.7
1994	54	101.1	93.0	102.3
1995	52	101.3	94.1	101.8
1996	45	101.6	94.8	102.1
1997	58	101.5	95.3	102.3
1998	53	101.4	95.3	101.5
1999	49	100.6	95.5	101.8
2000	39	101.5	96.5	101.0
2001	48	101.1	97.0	100.8
2002	30	101.1	97.2	100.4
2003	42	100.5	98.8	100.6
2004	41	100.7	99.2	101.4
2005	26	101.3	99.1	101.3
2006	32	101.3	99.8	100.7
2007	41	100.8	101.5	100.7
2008	32	100.0	102.3	100.8
2009	34	100.7	106.5	98.7
2010	27	99.6	103.7	99.8
2011	17	98.9	103.4	99.0
2012	14	100.1	106.0	99.4
2013	20	101.2	105.6	98.8
2014	14	101.4	105.3	99.1

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1984	15	96.1	96.3	2	-3.7	0	0.0
1985	20	96.8	96.0	20	-4.7	0	0.0
1986	46	96.6	95.8	46	-4.6	0	0.0
1987	145	96.5	95.7	145	-4.5	0	0.0
1988	277	96.2	95.7	277	-4.4	0	0.0
1989	434	96.6	96.5	434	-4.3	0	0.0
1990	659	96.1	96.3	660	-4.3	0	0.0
1991	1087	95.9	96.3	1089	-3.9	0	0.0
1992	1462	96.3	96.2	1462	-3.7	0	0.0
1993	1611	96.1	96.2	1612	-3.6	0	0.0
1994	2107	96.1	96.9	2108	-3.0	0	0.0
1995	2321	96.4	97.0	2322	-2.8	0	0.0
1996	2110	96.5	96.7	2111	-2.7	0	0.0
1997	1713	96.8	96.3	1714	-2.4	0	0.0
1998	1680	96.4	96.1	1684	-2.3	0	0.0
1999	1392	96.8	96.3	1393	-2.3	0	0.0
2000	1001	97.5	97.0	1001	-2.0	0	0.0
2001	951	98.5	97.0	951	-1.8	433	97.6

2002	738	98.8	96.4	740	-1.5	368	97.8
2003	694	99.3	97.3	694	-1.2	353	98.8
2004	643	99.0	97.5	643	-0.8	303	99.1
2005	624	99.9	97.7	626	-0.5	281	99.5
2006	529	100.5	98.8	530	-0.3	243	100.3
2007	537	101.0	100.3	537	-0.1	254	100.7
2008	426	101.2	100.6	426	-0.1	225	100.1
2009	367	101.2	100.5	374	-0.0	198	100.3
2010	194	100.6	99.2	196	-0.0	96	100.2
2011	165	100.6	99.4	173	0.0	90	100.9
2012	124	101.0	99.0	127	-0.0	63	100.0
2013	215	100.8	98.1	225	0.2	103	100.0
2014	105	101.6	98.9	114	0.0	59	100.1
2015	69	100.9	98.5	75	0.3	30	100.9
2016	61	102.0	97.8	67	0.5	20	100.2

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	13	-1102.3	-43.5	-48.7	-59.9	10.4	-14.9	-17.5	-309.1
1981	25	-983.0	-32.9	-46.1	-54.5	20.1	-18.2	-17.1	-274.4
1982	41	-940.8	-32.9	-44.9	-52.5	17.5	-18.2	-16.9	-269.1
1983	79	-1015.1	-38.9	-48.0	-55.9	12.7	-19.2	-17.1	-295.5
1984	131	-1118.7	-44.3	-50.7	-60.6	11.2	-17.3	-17.4	-319.0
1985	179	-1049.2	-38.7	-48.3	-57.5	15.7	-17.4	-17.3	-296.6
1986	348	-917.3	-37.4	-44.8	-51.5	7.7	-19.2	-17.0	-277.6
1987	623	-912.2	-35.8	-44.7	-51.2	10.1	-19.5	-17.0	-274.0
1988	713	-891.0	-35.4	-43.6	-50.3	8.8	-18.9	-16.9	-268.3
1989	674	-900.1	-32.8	-43.2	-50.7	14.7	-17.2	-17.0	-261.2
1990	748	-947.1	-32.8	-43.5	-52.8	19.2	-14.8	-17.1	-263.2
1991	624	-803.5	-28.0	-37.7	-46.3	15.5	-13.6	-16.7	-227.1
1992	488	-689.7	-25.6	-34.9	-41.1	10.6	-15.9	-16.5	-209.4
1993	600	-442.0	-19.2	-26.8	-29.8	2.1	-17.2	-16.0	-159.4
1994	719	-297.6	-12.0	-20.6	-23.2	3.1	-15.2	-15.7	-116.4
1995	432	-221.1	-7.6	-17.1	-19.7	4.7	-14.0	-15.5	-91.9
1996	269	-150.9	-6.1	-16.5	-16.5	2.0	-16.9	-15.5	-85.4
1997	125	-32.7	-1.7	-12.0	-11.2	0.4	-16.4	-15.3	-55.9
1998	53	16.9	3.8	-9.2	-8.9	5.2	-15.1	-15.2	-32.5
1999	58	36.8	3.2	-6.3	-7.9	2.9	-11.2	-15.1	-21.3
2000	31	47.3	2.4	-6.0	-7.4	1.4	-11.5	-15.0	-22.0
2001	27	481.0	19.1	10.4	14.0	-2.3	-10.3	-11.6	87.0
2002	32	404.4	11.2	4.2	12.3	-8.5	-15.2	-9.0	44.7
2003	31	449.7	18.8	7.6	17.1	-0.0	-12.6	-5.1	76.0
2004	30	390.0	20.3	6.4	13.4	5.0	-11.4	-7.0	73.0
2005	28	889.8	39.8	22.6	35.2	1.6	-13.3	-7.9	186.9
2006	20	1009.5	33.1	24.1	39.0	-14.8	-16.8	-10.2	179.9
2007	25	763.3	36.8	21.2	27.4	4.8	-9.0	-11.1	172.6
2008	24	452.0	25.5	12.1	16.9	8.2	-6.5	-5.4	108.2
2009	14	669.3	33.8	18.3	23.9	6.4	-8.7	-9.6	153.1
2010	10	720.2	27.1	14.8	24.3	-5.3	-15.4	-12.5	125.0
2011	11	785.1	40.6	24.9	27.4	8.7	-5.4	-12.5	195.8
2013	14	1064.6	38.4	30.6	39.2	-11.5	-11.1	-13.1	217.8
2014	20	831.9	31.1	21.4	30.1	-7.5	-12.6	-11.6	162.3
2015	14	984.5	34.1	22.3	35.6	-12.2	-18.4	-13.4	173.9

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	94.1	91.8	94.6	100.9	94.6	91.2	96.4
1982	27	96.6	91.8	96.3	102.7	94.6	90.9	98.1
1983	38	96.4	91.9	96.0	102.5	93.9	92.2	97.5
1984	63	94.5	93.4	95.9	101.6	95.1	92.6	97.2
1985	84	95.3	92.7	96.1	102.1	94.3	92.5	96.3
1986	160	95.7	92.0	96.7	102.8	93.4	91.5	96.4
1987	290	96.2	92.9	97.6	103.4	94.0	91.7	96.8
1988	364	96.5	92.7	97.2	103.4	94.1	92.1	96.8
1989	383	96.7	92.9	97.3	103.4	93.8	92.1	96.8
1990	444	97.2	92.7	97.4	103.5	93.8	92.5	97.4
1991	351	97.4	92.3	97.4	103.7	93.0	92.6	97.2
1992	261	98.2	92.9	98.4	104.5	93.3	92.0	98.0
1993	316	99.6	93.4	99.3	105.7	93.1	91.9	98.9
1994	361	100.4	93.7	100.4	106.7	92.6	91.6	99.5
1995	201	100.2	94.3	100.8	106.8	93.0	91.7	99.3
1996	116	101.0	94.5	101.6	107.6	93.0	93.7	98.9
1997	56	100.7	94.7	101.4	107.4	93.2	93.9	98.2
1998	25	100.9	95.1	101.8	107.5	93.6	93.8	98.3
1999	27	101.6	95.1	101.6	107.1	92.8	93.9	98.5
2000	11	102.5	96.0	102.6	108.2	93.2	92.2	98.2
2001	14	102.3	95.4	100.8	106.6	93.1	92.9	99.0
2002	16	103.0	96.9	102.0	107.9	94.8	96.2	99.8
2003	10	104.6	95.4	104.0	110.3	91.9	94.5	98.1
2004	13	103.1	97.5	102.8	108.0	94.4	95.8	98.6
2005	16	104.6	96.5	103.5	109.4	93.0	95.8	99.3
2006	15	104.1	95.3	102.2	108.4	92.5	95.5	97.0

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

Jaar	Aantal	BA	BZ	KH	BG
1981	14	92.9	97.0	92.8	89.9
1982	27	93.6	98.5	93.6	91.2
1983	38	93.2	98.9	92.6	91.2
1984	63	94.6	97.9	91.8	92.7
1985	84	94.0	97.9	92.2	92.5
1986	160	93.9	100.1	91.3	92.3
1987	290	94.8	99.9	91.3	93.3
1988	364	95.2	99.8	91.3	93.7
1989	383	95.4	99.9	91.6	94.0
1990	444	95.6	99.6	92.3	94.1
1991	351	94.9	100.7	91.9	93.0
1992	261	95.1	100.3	92.1	93.4
1993	316	94.9	102.4	91.7	93.5
1994	361	94.3	103.9	91.0	92.9
1995	201	94.0	103.6	90.8	92.9
1996	116	95.4	101.8	92.1	94.6
1997	56	94.9	102.3	91.3	94.1
1998	25	95.2	104.0	90.3	94.4
1999	27	96.6	101.5	93.1	95.7
2000	11	96.4	103.5	92.5	95.5
2001	14	95.7	102.5	92.5	95.2
2002	16	98.8	101.0	95.8	97.2
2003	10	97.3	102.7	93.6	97.4
2004	13	98.1	101.9	95.2	97.7

2005	16	97.6	102.9	93.2	97.8
2006	15	98.9	101.6	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	98.1	96.4	98.4	100.2	100.2	96.2	95.0
1982	27	100.4	97.1	97.0	102.3	101.4	96.2	95.3
1983	38	100.5	96.8	96.6	101.6	100.8	97.1	95.6
1984	63	100.3	95.9	99.6	99.8	98.9	96.1	94.5
1985	84	100.8	96.5	99.3	100.5	100.5	97.4	95.7
1986	160	101.5	97.0	98.2	100.2	100.7	97.2	95.6
1987	290	101.6	97.3	99.4	100.3	101.3	97.3	96.1
1988	364	101.4	97.3	99.6	100.6	101.2	97.3	95.9
1989	383	101.0	97.4	99.6	100.5	101.1	97.2	95.9
1990	444	101.0	97.6	98.7	101.0	100.6	96.4	95.2
1991	351	101.4	97.2	98.5	100.8	101.0	96.4	95.0
1992	261	102.1	97.7	98.0	101.3	101.5	96.8	95.8
1993	316	102.7	98.7	97.7	101.5	101.0	97.4	96.7
1994	361	103.1	99.3	96.9	101.3	100.5	98.0	97.2
1995	201	103.1	99.7	97.6	101.0	101.0	98.4	97.7
1996	116	102.2	101.4	97.4	99.5	101.5	98.5	98.8
1997	56	102.7	100.6	97.7	100.8	102.8	99.1	98.6
1998	25	102.5	101.3	97.8	99.9	103.6	100.0	99.6
1999	27	102.8	100.0	98.4	101.3	104.3	99.5	98.7
2000	11	104.0	101.8	99.5	101.6	104.9	101.2	100.5
2001	14	102.1	100.3	98.6	101.9	104.3	100.6	99.2
2002	16	102.6	99.3	99.4	102.4	104.6	99.9	98.9
2003	10	105.3	102.9	96.0	103.2	107.1	102.4	102.2
2004	13	104.2	103.5	96.7	104.1	105.6	102.0	101.8
2005	16	104.1	103.7	96.9	102.9	106.5	102.4	102.2
2006	15	103.8	103.2	98.9	102.4	108.1	101.8	101.5

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1981	14	89.1	94.8	99.4	88.4	93.7	89.6
1982	27	90.4	96.6	101.3	90.0	93.0	92.1
1983	38	90.5	95.8	101.0	89.8	92.9	91.6
1984	63	91.1	96.5	99.6	90.9	95.5	91.8
1985	84	90.3	95.8	100.8	90.5	94.0	91.8
1986	160	89.9	95.7	100.9	90.5	92.8	91.8
1987	290	90.8	97.0	101.2	91.6	93.4	93.0
1988	364	90.8	96.8	101.2	92.1	93.6	93.2
1989	383	90.9	96.7	101.0	92.4	93.4	93.3
1990	444	91.4	96.9	100.9	92.6	93.7	93.5
1991	351	91.1	96.2	101.1	91.6	92.6	92.9
1992	261	91.8	97.4	101.7	92.0	92.7	93.8
1993	316	92.7	98.4	101.8	91.9	92.3	94.2
1994	361	93.3	99.1	101.8	91.1	92.2	94.1
1995	201	93.5	99.4	102.0	91.1	92.7	94.3
1996	116	94.8	100.0	101.2	93.0	93.4	95.4
1997	56	94.4	99.8	102.4	92.5	93.7	95.6
1998	25	94.8	100.4	102.3	92.6	93.8	95.7

1999	27	95.0	99.5	103.2	94.4	94.3	97.1
2000	11	94.4	100.5	104.2	94.4	94.0	97.6
2001	14	94.4	99.4	103.4	93.8	94.4	96.9
2002	16	97.4	101.6	103.8	96.4	96.2	99.5
2003	10	95.9	100.8	105.9	96.0	94.1	99.9
2004	13	96.9	101.4	105.2	96.3	96.2	100.1
2005	16	97.1	101.3	105.2	96.1	95.4	99.9
2006	15	95.3	99.7	105.5	97.3	94.2	100.1

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	102.0	101.8	101.4	102.1	101.1	102.0	94.3	101.8
1981	69	102.6	99.6	100.5	100.2	101.0	102.0	94.7	100.3
1982	86	101.8	99.4	99.9	99.6	100.5	101.8	95.4	99.7
1983	127	102.0	100.0	100.4	100.5	100.9	102.1	94.8	100.5
1984	201	102.1	100.5	100.8	101.2	101.3	102.0	94.9	101.1
1985	259	101.9	100.4	100.8	101.1	101.3	102.2	95.1	101.0
1986	429	101.7	100.0	100.6	100.9	101.3	102.3	95.9	100.8
1987	697	102.3	99.6	100.5	100.6	101.5	102.7	96.4	100.6
1988	724	102.2	99.8	100.6	100.7	101.6	102.8	96.3	100.7
1989	674	101.8	99.6	100.1	100.2	101.1	102.5	96.1	100.2
1990	750	101.8	100.1	100.6	100.9	101.6	103.0	96.5	100.9
1991	624	101.7	99.6	100.3	100.5	101.4	102.9	97.2	100.4
1992	489	101.3	99.5	100.0	100.1	101.0	102.7	97.9	100.0
1993	603	101.2	99.3	99.6	99.7	100.8	103.0	98.3	99.7
1994	725	101.0	98.9	99.3	99.2	100.7	103.2	98.6	99.2
1995	436	100.7	98.6	98.9	98.8	100.3	102.9	98.9	98.7
1996	271	100.8	98.1	99.0	98.4	100.3	102.6	99.7	98.6
1997	131	100.7	97.9	98.8	98.2	100.2	102.9	99.8	98.4
1998	54	99.9	98.2	98.7	98.2	99.8	102.8	100.1	98.4
1999	60	100.3	97.8	98.5	98.0	100.0	102.7	100.2	98.1
2000	32	100.0	98.2	98.6	98.5	99.8	102.1	100.7	98.4
2001	28	100.0	97.7	98.6	98.1	100.0	101.9	100.6	98.2
2002	32	100.2	97.4	98.4	97.8	99.9	101.9	101.1	97.9
2003	33	97.6	98.5	97.6	97.6	98.4	101.2	103.0	97.4
2004	31	97.6	99.0	98.0	98.0	98.4	100.7	103.6	97.9
2005	32	98.9	96.8	97.7	96.8	99.1	101.5	103.0	97.1
2006	22	98.5	96.8	97.4	96.6	98.5	100.9	103.7	96.7
2007	26	96.3	97.6	96.4	96.0	97.1	100.8	105.6	96.1
2008	35	98.2	98.3	98.1	97.7	98.9	101.3	103.9	97.8
2009	34	97.9	98.4	98.1	97.7	99.0	101.7	105.3	97.8
2010	16	98.9	98.0	98.6	97.8	99.6	102.0	104.8	98.1
2011	11	99.3	98.5	98.9	98.4	100.3	101.4	103.7	98.5
2013	21	99.2	95.8	97.1	96.0	99.0	101.4	103.2	96.2
2014	25	99.1	97.5	98.6	97.6	99.8	100.6	105.0	97.9
2015	23	100.5	97.9	100.0	98.9	101.4	103.0	105.2	99.5
2016	12	98.4	97.5	97.9	97.2	99.0	101.2	104.8	97.3

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1981	15	98.7	86.4	99.6	103.7	104.4
1982	27	98.9	100.0	100.1	103.8	103.8

1983	38	98.4	96.2	98.8	102.6	103.0
1984	62	97.1	93.2	98.7	102.5	103.5
1985	82	97.7	89.6	98.6	102.4	103.1
1986	158	97.1	95.0	98.1	101.3	102.5
1987	301	97.5	97.4	98.0	101.3	102.0
1988	351	97.5	96.0	98.1	101.3	102.1
1989	354	96.7	96.8	98.1	101.1	102.1
1990	411	97.3	96.3	97.8	100.4	101.4
1991	320	97.7	97.5	98.0	100.9	101.5
1992	260	98.0	97.8	98.3	101.0	101.7
1993	303	99.6	97.9	98.4	101.0	101.1
1994	357	100.9	98.4	98.5	101.2	100.7
1995	203	100.0	98.9	98.6	100.9	100.7
1996	120	100.2	99.0	97.5	99.6	100.3
1997	54	99.2	99.8	98.0	100.0	100.4
1998	25	98.9	99.0	98.2	100.3	100.5
1999	27	97.8	97.9	98.1	99.7	99.8
2000	12	98.3	98.3	99.5	101.0	101.1
2001	14	98.1	98.1	98.0	99.7	99.4
2002	16	99.8	99.9	98.5	99.6	99.8
2004	13	99.3	98.7	98.4	99.4	99.8
2005	17	99.0	99.7	99.3	99.6	99.7
2006	15	99.1	100.6	100.0	100.5	100.7

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	-309.1	-96.1	105.3	101.8	96.5	88.7	97.9
1981	25	-124.6	-274.4	-75.5	104.6	100.3	99.4	88.4	97.4
1982	41	-106.7	-269.1	24.2	104.3	99.7	101.3	90.0	97.3
1983	79	-132.9	-295.5	-84.2	103.2	100.5	101.0	89.8	97.8
1984	131	-125.0	-319.0	-104.1	103.4	101.1	99.6	90.9	98.2
1985	179	-121.7	-296.6	-110.4	103.2	101.0	100.8	90.5	98.5
1986	348	-126.2	-277.6	-118.7	102.2	100.8	100.9	90.5	98.4
1987	623	-126.3	-274.0	-142.4	101.9	100.6	101.2	91.6	98.0
1988	713	-117.3	-268.3	-125.9	102.0	100.7	101.2	92.1	98.1
1989	674	-121.4	-261.2	-133.3	101.9	100.2	101.0	92.4	97.9
1990	748	-120.2	-263.2	-119.2	101.1	100.9	100.9	92.6	98.1
1991	624	-118.5	-227.1	-113.6	101.3	100.4	101.1	91.6	97.9
1992	488	-107.6	-209.4	-89.1	101.6	100.0	101.7	92.0	98.1
1993	600	-86.6	-159.4	-85.2	101.2	99.7	101.8	91.9	98.3
1994	719	-75.3	-116.4	-64.4	101.0	99.2	101.8	91.1	98.5
1995	432	-71.4	-91.9	-65.4	100.9	98.7	102.0	91.1	98.4
1996	269	-69.6	-85.4	-46.6	100.0	98.6	101.2	93.0	98.8
1997	125	-64.1	-55.9	-79.8	100.2	98.4	102.4	92.5	98.5
1998	53	-54.8	-32.5	-84.4	100.5	98.4	102.3	92.6	98.6
1999	58	-45.2	-21.3	-79.2	99.7	98.1	103.2	94.4	98.6
2000	31	-38.2	-22.0	-105.0	101.2	98.4	104.2	94.4	98.9
2001	27	0.1	87.0	33.1	99.5	98.2	103.4	93.8	98.3
2002	32	-11.6	44.7	11.6	99.7	97.9	103.8	96.4	98.6
2003	31	26.6	76.0	50.7	99.7	97.4	105.9	96.0	98.0
2004	30	13.2	73.0	-12.9	99.5	97.9	105.2	96.3	96.9
2005	28	47.0	186.9	117.8	99.6	97.1	105.2	96.1	97.2
2006	20	67.7	179.9	200.6	100.7	96.7	105.5	97.3	98.1
2007	25	64.8	172.6	146.4	100.4	96.1	105.0	95.0	95.6
2008	24	24.4	108.2	13.1	98.8	97.8	107.0	99.5	97.3
2009	14	51.9	153.1	143.5	99.2	97.8	106.8	99.0	97.3
2010	10	54.8	125.0	174.8	100.2	98.1	111.0	99.5	98.9
2011	11	92.5	195.8	147.0	100.3	98.5	106.0	100.0	98.8

2013	14	86.2	217.8	193.9	99.7	96.2	106.8	98.2	98.4
2014	20	69.0	162.3	130.0	100.0	97.9	105.0	99.9	99.2
2015	14	75.4	173.9	156.2	98.3	99.5	106.4	101.0	98.2

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

Jaar	Aantal	Kgh	Bv	Mo	Sp	Zz	Ty	Wld
1991	10	92.5	94.2	95.4	93.9	95.4	98.3	100.0
1994	14	93.7	96.3	95.9	93.6	95.6	101.3	100.1
1995	15	94.5	96.1	97.4	94.5	95.4	101.0	99.5
1997	10	94.3	94.8	97.1	95.5	95.7	98.6	99.6

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1982	12	96.4	98.2	96.4	98.2	97.9	97.2
1983	10	96.2	99.4	96.2	99.4	97.6	98.8
1985	12	98.3	98.4	98.3	98.4	99.2	98.6
1986	20	98.3	98.8	98.3	98.8	99.7	98.7
1987	28	97.0	98.9	97.0	98.9	98.2	98.4
1988	26	97.3	99.1	97.3	99.1	99.1	98.9
1989	22	97.3	98.9	97.3	98.9	99.1	98.5
1990	25	96.3	99.1	96.3	99.1	98.1	98.6
1991	34	96.8	99.5	96.8	99.5	98.7	98.4
1992	25	97.0	98.8	97.0	98.8	98.1	97.8
1993	32	97.7	99.3	97.7	99.3	99.6	98.0
1994	38	97.5	99.5	97.5	99.5	99.5	98.2
1995	32	98.3	98.9	98.3	98.9	100.4	97.9
1996	26	99.0	99.4	99.0	99.4	100.6	98.8
1997	22	99.0	98.9	99.0	98.9	100.6	98.7
1998	17	98.8	99.5	98.8	99.5	100.4	98.6
1999	14	98.4	98.8	98.4	98.8	100.5	98.6
2000	12	99.7	100.0	99.7	100.0	101.2	100.1
2001	14	99.2	98.3	99.2	98.3	101.1	98.5
2002	19	98.7	99.3	98.7	99.3	100.5	99.3
2003	10	99.4	98.6	99.4	98.6	100.0	98.4
2004	18	98.9	97.6	98.9	97.6	100.7	97.9
2005	18	98.6	98.2	98.6	98.2	100.1	98.6
2006	15	99.2	98.3	99.2	98.3	100.5	98.5
2007	11	100.5	97.6	100.5	97.6	102.3	98.3
2008	21	99.4	98.2	99.4	98.2	101.1	98.1
2009	17	100.5	97.8	100.5	97.8	102.1	98.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1981	18	93.6	104.5	107.4	92.1	92.4	98.5
1982	30	94.0	105.8	106.9	94.7	96.2	99.3
1983	45	94.7	104.3	106.1	94.0	94.6	97.2

1984	78	96.4	102.9	104.4	98.2	97.2	99.8
1985	115	97.4	102.0	103.2	93.6	93.6	95.4
1986	188	96.6	102.2	103.9	98.0	98.1	99.5
1987	304	96.3	103.0	104.4	97.4	98.8	101.3
1988	354	97.3	102.8	103.3	96.8	98.0	100.9
1989	292	96.5	103.2	104.2	96.7	97.7	100.8
1990	365	96.5	103.5	104.0	97.9	98.9	100.4
1991	306	96.3	102.6	104.2	97.3	99.6	101.2
1992	239	95.8	103.2	104.7	97.6	99.5	100.5
1993	275	96.3	103.0	104.4	96.4	97.4	97.4
1994	281	96.3	102.4	104.4	99.2	100.0	99.6
1995	190	95.7	103.0	105.2	100.1	100.8	101.3
1996	95	96.5	103.1	104.5	99.7	100.6	101.3
1997	65	96.6	102.7	104.4	97.4	98.8	99.7
1998	23	96.9	102.1	104.0	99.2	100.3	100.6
1999	30	96.4	102.6	104.7	100.0	99.9	100.3
2000	19	98.2	100.2	102.8	90.1	87.9	89.4
2001	14	96.6	101.3	104.1	99.9	98.8	100.5
2002	22	97.5	101.5	103.3	95.7	94.8	95.2
2003	13	95.5	101.9	105.2	99.1	99.0	99.6
2004	21	97.0	103.0	104.0	98.4	101.8	100.5
2005	20	96.8	102.8	104.2	98.7	102.2	101.3
2006	12	97.4	103.0	103.6	97.5	100.3	101.7
2007	12	97.6	102.6	103.2	96.8	102.3	102.0
2008	19	98.4	102.1	102.8	97.9	102.3	103.1
2009	10	96.6	101.7	104.0	97.1	102.9	103.5
2013	11	96.5	102.0	104.8	96.9	101.2	102.9
2014	12	96.9	101.8	104.1	99.2	100.3	99.2

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1982	17	102.7	99.9	98.4	101.5	100.3	101.1	103.4	99.9	100.8	99.2	99.0
1983	24	101.4	97.8	98.5	100.7	98.7	101.5	102.9	98.9	97.7	97.7	98.6
1984	31	104.5	103.5	96.9	102.8	103.5	101.0	104.2	100.5	103.7	99.1	101.4
1985	41	103.5	100.7	96.5	100.9	100.8	98.8	104.2	100.0	101.0	97.6	100.5
1986	82	101.3	99.0	97.8	100.1	99.0	99.8	101.7	100.0	102.3	98.8	99.1
1987	131	102.3	99.5	97.2	100.7	99.4	100.2	102.8	99.8	102.7	99.0	99.9
1988	120	101.8	99.7	97.4	100.7	99.1	100.2	102.5	99.1	103.1	99.6	99.7
1989	120	101.3	97.9	98.3	100.0	98.0	99.8	102.4	98.8	101.6	98.9	99.5
1990	125	101.2	99.4	97.4	101.1	98.2	100.3	101.9	99.3	102.8	99.4	100.0
1991	128	100.1	97.8	97.9	99.8	97.1	100.1	101.0	98.8	102.4	99.3	98.9
1992	107	100.4	96.9	98.2	99.5	96.9	99.6	101.3	99.4	101.2	98.7	99.0
1993	140	101.6	95.7	99.1	99.7	97.5	99.0	102.7	99.8	99.7	98.9	99.8
1994	181	101.7	94.3	100.1	99.7	96.5	98.5	103.2	100.0	98.7	99.1	100.6
1995	126	101.4	93.7	100.4	99.3	95.7	98.8	102.7	100.7	98.2	98.7	100.9
1996	74	101.2	94.7	100.1	99.6	95.7	99.6	102.2	101.1	98.1	98.8	101.0
1997	61	100.5	94.0	100.5	99.1	95.2	99.7	101.5	100.6	98.5	99.1	100.2
1998	28	100.2	94.2	100.4	99.1	94.9	98.9	101.4	100.6	97.1	98.4	99.6
1999	32	100.2	93.3	100.8	98.6	95.4	99.7	101.4	100.4	97.6	98.7	99.6
2000	21	100.3	94.6	100.1	100.7	95.0	99.5	101.7	100.6	97.9	99.1	99.9
2001	18	97.8	92.7	101.4	97.4	93.9	100.2	98.7	100.3	96.7	99.3	99.0
2002	29	98.1	93.0	101.9	98.1	94.3	100.3	99.3	99.4	96.9	98.9	97.9
2003	25	98.4	91.5	102.2	98.2	92.2	100.5	99.3	101.7	95.6	99.4	98.0
2004	27	98.0	93.0	100.3	99.2	92.3	99.7	98.7	101.3	97.3	97.8	99.0
2005	26	98.0	90.5	101.7	98.5	91.5	100.0	99.0	101.3	95.8	98.6	99.6
2006	19	98.1	90.6	102.3	97.7	92.8	100.1	99.3	100.9	94.5	100.1	96.2
2007	23	96.2	91.0	102.0	97.4	88.7	100.7	96.6	102.0	99.9	99.7	98.3
2008	19	97.8	91.8	101.9	98.1	91.4	100.7	98.3	101.8	98.3	99.1	98.1

2009	16	96.9	91.1	102.6	97.9	89.5	100.8	97.4	101.6	100.2	101.6	96.8
2010	10	95.5	90.9	101.9	98.1	88.1	101.6	95.8	101.3	101.5	101.3	97.9

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1982	10	100.3	98.7	101.3
1983	10	100.4	98.9	101.3
1986	17	99.8	97.5	101.8
1987	20	99.4	97.5	101.5
1988	15	100.0	97.5	101.4
1989	13	98.2	96.9	100.9
1990	17	98.6	97.3	101.1
1991	25	99.0	97.3	101.2
1992	19	98.7	97.2	100.8
1993	28	99.5	97.8	101.2
1994	26	99.2	97.7	101.2
1995	28	101.1	98.9	101.5
1996	23	100.6	98.7	101.2
1997	23	101.0	99.0	100.8
1998	17	100.9	98.8	101.4
1999	13	100.5	98.7	101.6
2000	12	99.8	98.5	101.8
2001	15	101.3	99.1	100.9
2002	19	100.5	98.9	100.6
2003	10	102.6	100.2	100.8
2004	18	101.9	99.3	100.7
2005	19	102.7	99.8	100.8
2006	15	102.6	100.0	100.5
2007	12	102.9	100.8	101.3
2008	24	101.5	99.0	100.5
2009	20	101.8	99.0	101.7

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	27	138.5	1624.3	17.5	19.6
2002	32	-142.2	813.3	-32.5	-20.7
2003	30	220.5	1916.9	43.2	25.3
2004	30	-190.2	43.0	-23.9	-34.4
2005	28	1128.0	5478.9	209.7	149.4
2006	20	1646.9	8328.8	271.8	234.7
2007	25	1261.0	5760.9	228.4	171.4
2008	24	120.3	1043.6	28.2	11.6
2009	15	1124.2	5378.7	200.3	153.7
2010	11	1311.5	6707.4	232.6	178.5
2011	11	1385.6	6056.5	248.5	190.5
2013	15	1733.5	8149.7	281.0	252.0
2014	22	1107.6	5713.8	186.1	155.9
2015	17	1333.4	7087.4	228.8	184.6

Tabel: 122 MRIJ - Holstein Friesian roodbont: Robot / AMS kenmerken

Basis: Dubbeldoel
Land: VL

Jaar	Aantal	Eff	Int	Gewen
1982	10	98.3	102.9	100.9
1986	12	98.0	103.7	99.9
1987	19	98.4	102.7	99.7
1988	15	98.6	104.4	99.6
1989	15	98.8	102.4	99.7
1991	15	99.2	103.6	100.1
1992	11	98.7	101.6	99.8
1993	18	100.2	103.3	99.2
1994	25	100.0	103.8	99.2
1995	17	100.8	101.9	99.6
1996	10	100.4	103.0	99.8

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	100.0	98.8	0	0.0	0	0.0
1981	25	98.7	98.8	1	-1.8	0	0.0
1982	41	98.3	100.4	2	-1.9	0	0.0
1983	79	97.9	99.1	0	0.0	0	0.0
1984	131	97.6	98.1	0	0.0	0	0.0
1985	179	97.1	98.4	179	-3.4	0	0.0
1986	348	96.4	97.9	349	-3.2	0	0.0
1987	623	96.3	97.9	623	-3.0	0	0.0
1988	713	96.4	97.6	713	-3.0	0	0.0
1989	674	96.5	98.2	675	-2.9	0	0.0
1990	748	96.0	98.0	748	-2.9	0	0.0
1991	624	96.1	98.1	624	-2.7	0	0.0
1992	488	96.2	97.9	487	-2.5	0	0.0
1993	600	97.3	98.5	600	-1.9	0	0.0
1994	719	97.6	98.8	719	-1.5	0	0.0
1995	432	97.8	99.0	432	-1.3	0	0.0
1996	269	96.2	98.2	269	-1.2	0	0.0
1997	125	96.8	98.4	125	-1.0	0	0.0
1998	53	97.4	98.5	53	-0.8	0	0.0
1999	58	97.9	98.2	58	-0.7	0	0.0
2000	31	96.6	98.8	31	-0.6	0	0.0
2001	27	99.5	98.6	27	0.0	14	95.0
2002	32	99.6	99.3	32	-0.1	16	97.3
2003	31	98.6	98.9	31	-0.0	10	95.9
2004	30	97.5	99.1	30	0.4	13	97.3
2005	28	99.5	99.9	29	1.2	16	97.1
2006	20	100.6	99.2	20	0.8	15	95.3
2007	25	100.7	101.7	24	1.1	1	94.0
2008	24	99.3	99.9	24	0.5	4	98.0
2009	14	99.6	98.9	14	0.9	8	96.2
2010	10	100.0	99.6	11	0.7	2	97.5
2011	11	98.5	99.4	11	1.1	3	98.3
2013	14	100.2	101.4	15	1.3	8	96.6
2014	20	99.4	98.3	22	1.2	7	96.9
2015	14	100.1	98.6	16	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	11	-3062.6	-50.5	-83.4	-139.9	177.5	54.4	-0.9	-489.7
1986	10	-2584.6	-46.6	-72.6	-118.0	134.5	39.5	-0.7	-430.9
1987	24	-2961.4	-51.8	-82.4	-135.1	164.7	50.2	-0.5	-487.2
1988	20	-2816.2	-45.5	-78.5	-128.6	155.8	44.4	-0.7	-456.1
1989	27	-3109.2	-59.8	-87.4	-141.9	169.9	53.1	-0.6	-526.5
1990	34	-2752.7	-46.5	-77.4	-125.6	150.0	42.5	-0.5	-452.6
1991	28	-2889.8	-45.5	-79.8	-131.9	170.0	49.4	-0.6	-462.4
1992	30	-2685.5	-42.8	-73.9	-122.6	149.3	43.8	-0.6	-429.5
1993	28	-2330.8	-39.3	-62.9	-106.4	119.2	38.2	-0.6	-372.5
1994	25	-2269.5	-31.0	-57.7	-103.6	129.0	42.9	-0.6	-333.0
1995	22	-2336.8	-30.7	-60.3	-106.6	132.4	42.1	-0.4	-343.9
1996	19	-2652.1	-35.8	-69.9	-121.0	155.5	47.3	-0.5	-398.3
1997	28	-2535.3	-34.4	-65.0	-115.8	144.6	47.7	-0.5	-373.4
1998	33	-2284.8	-33.5	-61.8	-104.4	122.3	36.4	-0.5	-355.2
1999	40	-2111.5	-16.8	-50.2	-96.5	130.8	43.1	-0.5	-270.0
2000	44	-2068.7	-19.3	-51.0	-94.4	123.1	39.2	-0.3	-278.2
2001	41	-2359.0	-26.0	-58.6	-106.9	139.3	46.0	1.0	-326.7
2002	36	-2181.6	-20.1	-54.1	-99.1	132.8	41.9	0.2	-293.5
2003	37	-2153.3	-21.7	-51.9	-91.6	128.5	43.9	11.0	-286.2
2004	30	-2028.9	-18.7	-47.7	-88.6	120.5	41.9	6.7	-261.6
2005	36	-2137.1	-21.1	-51.6	-93.9	126.0	42.7	6.1	-283.8
2006	47	-2177.9	-20.4	-53.0	-97.8	131.0	42.8	2.4	-289.4
2007	46	-2133.5	-12.7	-49.5	-95.8	139.5	46.0	2.2	-258.3
2008	51	-1975.1	-9.6	-44.5	-88.7	129.4	43.5	2.0	-229.1
2009	59	-1929.7	-8.1	-43.6	-88.2	128.1	42.2	-0.6	-222.3
2010	63	-1803.3	-3.3	-38.0	-82.4	124.3	43.3	-0.5	-187.7
2011	45	-1809.6	-3.3	-39.2	-82.7	124.5	41.5	-0.5	-192.7
2012	33	-1919.6	-5.0	-40.8	-87.5	131.8	46.2	0.0	-204.2
2013	79	-2024.7	-7.0	-43.7	-91.8	138.7	48.5	0.8	-221.6
2014	62	-2024.2	-0.1	-40.6	-95.7	149.2	53.2	-5.5	-195.3
2015	57	-1839.1	2.5	-34.4	-88.6	136.3	51.2	-7.5	-162.4
2016	25	-1759.5	8.0	-34.5	-87.8	137.4	45.6	-11.7	-151.0

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	12	70.3	81.3	84.9	92.0	89.3	94.0	80.2
1989	11	71.2	81.1	84.8	91.9	88.2	93.5	81.1
1990	10	71.2	80.8	85.0	92.1	89.3	93.5	79.3
1992	14	69.6	80.8	84.6	91.7	89.6	93.9	78.6
1993	14	71.9	80.5	84.7	92.3	88.9	94.5	79.6
1994	13	70.3	80.5	83.6	90.8	89.8	93.5	78.8
1995	10	70.1	80.0	84.2	91.6	90.5	93.2	77.8
1999	10	71.6	83.3	86.2	93.5	89.2	97.0	80.8
2000	13	71.2	80.7	84.9	92.6	89.5	95.3	79.2

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

Jaar	Aantal	BA	BZ	KH	BG
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1987	12	107.1	103.6	88.7	109.0
1989	11	106.9	103.5	88.1	109.3
1990	10	107.3	104.0	88.6	109.8
1992	14	109.1	104.1	89.2	111.4
1993	14	109.3	103.6	88.9	111.8
1994	13	107.8	102.3	89.8	110.5
1995	10	110.5	102.9	91.1	113.5
1999	10	108.3	103.6	88.2	110.2
2000	13	109.9	103.8	89.5	112.4

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1987	12	94.7	94.5	104.7	89.2	95.8	95.5	94.5
1989	11	92.9	94.6	104.0	88.5	95.0	95.8	95.1
1990	10	92.6	94.3	103.9	87.8	94.8	95.2	94.9
1992	14	93.8	94.6	105.1	88.5	95.9	96.2	95.1
1993	14	94.6	95.8	105.3	89.1	97.1	96.9	96.2
1994	13	94.5	94.6	104.4	89.4	95.6	95.6	94.7
1995	10	94.7	96.6	105.3	88.7	96.1	96.5	95.8
1999	10	96.7	97.1	103.7	91.7	97.2	95.5	96.6
2000	13	96.2	97.9	104.4	90.2	97.2	96.4	97.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1987	12	75.0	77.8	91.9	106.7	0.0	88.4
1989	11	75.2	77.2	90.9	106.7	0.0	87.8
1990	10	74.2	77.6	90.3	107.3	0.0	87.8
1992	14	73.9	77.2	91.6	108.9	0.0	89.0
1993	14	74.6	77.5	92.5	109.4	0.0	89.9
1994	13	73.5	76.9	91.9	108.2	0.0	88.8
1995	10	72.7	77.7	91.9	111.3	0.0	90.1
1999	10	78.1	78.8	94.0	107.8	0.0	91.2
2000	13	75.0	78.0	93.3	110.3	0.0	91.1

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1984	10	103.2	106.1	104.6	106.3	104.6	96.9	78.0	105.7
1985	12	102.7	106.2	104.3	106.0	103.9	97.6	81.1	105.2
1986	12	103.2	105.1	104.6	105.7	104.2	98.2	83.5	105.5
1987	28	102.5	105.0	104.1	105.0	103.4	97.7	84.3	104.8
1988	19	102.8	105.3	104.3	105.6	103.8	97.2	82.8	105.3
1989	27	102.6	105.5	104.4	105.7	103.8	97.7	83.7	105.3
1990	34	102.9	104.8	104.0	105.1	103.7	97.8	83.8	104.8
1991	27	102.9	104.9	103.9	105.2	103.6	96.7	81.6	104.7
1992	29	102.6	105.0	104.2	105.2	103.6	97.4	84.4	104.9

1993	29	101.7	104.4	103.4	104.3	102.6	97.6	86.4	104.1
1994	23	102.1	105.3	104.3	105.3	103.4	97.4	86.5	105.0
1995	23	101.7	105.3	104.1	105.3	103.2	97.4	86.5	104.9
1996	18	101.9	104.9	103.7	104.7	102.7	98.1	86.7	104.4
1997	26	102.3	104.7	104.2	104.8	102.9	97.6	87.5	104.8
1998	30	101.9	104.5	103.8	104.6	102.9	97.1	86.5	104.4
1999	38	102.8	103.0	103.9	103.6	103.2	97.5	87.4	103.9
2000	43	102.2	102.7	103.1	103.0	102.4	96.8	86.3	103.2
2001	39	101.9	103.5	103.2	103.7	102.5	97.0	86.5	103.6
2002	35	101.5	103.6	103.1	103.5	102.1	96.7	87.2	103.5
2003	41	101.3	104.3	103.4	104.3	102.4	97.5	87.9	104.0
2004	31	101.9	103.4	103.5	103.6	102.6	96.4	87.0	103.7
2005	38	101.9	104.3	103.8	104.4	103.0	96.7	86.1	104.4
2006	45	101.9	104.2	103.7	104.2	102.8	96.2	86.0	104.3
2007	56	101.7	104.1	103.9	104.1	102.7	95.9	86.1	104.2
2008	47	102.0	103.2	103.8	103.5	102.6	96.1	87.0	103.9
2009	56	101.4	103.8	103.5	103.7	102.1	96.0	87.6	103.8
2010	65	101.0	104.3	103.6	104.1	102.2	95.8	88.4	104.2
2011	44	101.9	104.3	104.2	104.5	103.0	96.2	87.5	104.5
2012	31	102.2	103.9	104.2	104.4	103.0	96.5	88.1	104.6
2013	80	102.6	103.8	104.3	104.2	103.5	96.1	86.1	104.5
2014	66	102.0	103.6	104.2	103.9	103.0	95.7	87.4	104.3
2015	69	101.8	103.7	104.1	104.0	102.9	96.3	88.8	104.3
2016	40	101.6	103.6	103.7	103.8	102.7	95.8	87.9	104.0
2017	10	100.9	103.8	103.6	103.6	102.0	95.5	89.9	103.9

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1993	12	100.6	67.1	98.0	97.4	97.9
1994	12	100.0	75.0	97.7	97.5	97.9
1999	11	104.5	102.5	98.2	97.4	98.4
2000	11	104.1	102.2	98.0	97.5	98.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	10	-83.3	-430.9	-430.0	98.4	105.5	90.8	106.6	100.2
1987	24	-101.9	-487.2	-157.5	98.0	104.8	91.9	106.7	99.4
1988	18	-110.6	-456.1	-153.2	98.7	105.3	92.2	109.4	101.8
1989	27	-111.3	-526.5	-121.9	98.1	105.3	90.9	106.7	100.9
1990	33	-102.4	-452.6	-96.4	97.7	104.8	90.3	107.3	100.9
1991	28	-82.0	-462.4	-121.2	99.6	104.7	92.5	107.1	100.1
1992	30	-68.1	-429.5	-78.5	98.0	104.9	91.6	108.9	100.2
1993	28	-45.1	-372.5	-56.0	97.3	104.1	92.5	109.4	99.0
1994	24	-23.5	-333.0	-21.7	97.4	105.0	91.9	108.2	99.0
1995	22	-21.0	-343.9	28.3	97.9	104.9	91.9	111.3	100.1
1996	19	-56.3	-398.3	-56.7	98.8	104.4	91.5	110.0	99.2
1997	28	-34.9	-373.4	36.1	99.3	104.8	92.2	105.8	99.7
1998	33	-35.2	-355.2	-42.9	97.5	104.4	92.2	108.6	100.1
1999	40	-7.7	-270.0	27.2	97.7	103.9	94.0	107.8	100.3
2000	44	-4.7	-278.2	30.2	97.7	103.2	93.3	110.3	100.3
2001	41	-27.1	-326.7	-38.6	98.0	103.6	93.7	108.7	100.8
2002	36	-17.7	-293.5	-66.6	98.2	103.5	92.7	108.3	100.0

2003	37	-7.5	-286.2	-47.6	97.6	104.0	93.0	110.3	100.5
2004	30	12.2	-261.6	30.9	98.3	103.7	93.8	110.4	99.7
2005	35	9.3	-283.8	46.8	97.5	104.4	0.0	0.0	100.2
2006	46	20.5	-289.4	140.4	98.4	104.3	93.5	109.8	99.3
2007	46	32.5	-258.3	188.3	98.8	104.2	93.8	107.3	100.4
2008	50	35.7	-229.1	171.8	98.0	103.9	94.2	108.4	100.2
2009	54	41.6	-222.3	212.6	97.9	103.8	92.0	110.0	99.8
2010	63	59.7	-187.7	255.0	98.4	104.2	95.1	107.4	100.7
2011	45	72.1	-192.7	294.8	98.7	104.5	95.0	104.5	100.9
2012	33	73.8	-204.2	287.2	99.2	104.6	0.0	0.0	101.5
2013	79	59.4	-221.6	247.6	98.8	104.5	0.0	0.0	101.1
2014	62	71.6	-195.3	261.4	98.8	104.3	99.5	107.0	101.1
2015	57	77.3	-162.4	259.8	98.5	104.3	98.5	105.5	102.8
2016	25	82.8	-151.0	273.6	98.9	104.0	0.0	0.0	101.7

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1987	12	97.1	99.9	97.1	99.9	90.8	103.3
1989	12	98.6	99.9	98.6	99.9	92.6	104.8
1990	11	98.8	100.0	98.8	100.0	92.0	104.8
1992	14	98.2	99.3	98.2	99.3	91.8	104.5
1993	20	97.2	98.6	97.2	98.6	90.7	103.5
1994	19	97.6	98.7	97.6	98.7	91.3	103.1
1995	16	98.9	99.8	98.9	99.8	91.8	104.2
1997	14	98.2	99.6	98.2	99.6	92.0	104.0
1998	15	98.3	99.9	98.3	99.9	91.3	104.2
1999	26	97.7	100.2	97.7	100.2	90.8	104.4
2000	20	98.2	100.2	98.2	100.2	91.2	104.7
2001	14	98.1	100.6	98.1	100.6	90.8	104.4
2002	17	97.8	100.1	97.8	100.1	91.1	104.2
2003	16	97.9	94.3	97.9	94.3	91.8	98.0
2004	20	96.5	95.1	96.5	95.1	90.5	98.5
2005	16	97.7	99.8	97.7	99.8	91.4	104.2
2006	25	96.4	95.7	96.4	95.7	90.5	99.6
2007	25	97.2	96.8	97.2	96.8	91.0	100.5
2008	31	97.4	91.3	97.4	91.3	90.8	94.5
2009	20	97.3	100.7	97.3	100.7	92.1	105.3
2010	29	97.7	97.0	97.7	97.0	92.0	101.0
2011	22	97.5	100.0	97.5	100.0	91.4	104.3
2012	12	98.5	75.9	98.5	75.9	93.0	78.6

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1987	12	116.5	105.2	71.2	56.2	53.0	50.6
1989	13	120.8	104.5	66.5	59.3	55.1	52.5
1990	17	121.7	104.3	64.8	63.1	56.9	55.4
1991	18	119.9	105.3	67.3	42.7	39.6	38.2
1992	20	121.2	105.1	65.3	58.3	53.1	51.3
1993	22	120.9	105.2	65.1	57.9	52.0	50.6
1994	18	120.2	105.1	65.8	86.7	78.1	78.2
1995	15	120.2	104.7	65.8	65.5	57.9	58.3
1997	15	117.9	104.6	68.7	52.1	47.3	45.7

1998	16	117.6	105.5	68.2	66.9	60.9	60.0
1999	26	118.6	104.8	67.7	71.7	64.8	61.8
2000	22	117.3	105.0	69.0	62.5	56.6	54.1
2001	19	117.9	104.4	68.6	41.3	37.5	35.8
2002	18	118.0	104.2	68.6	70.6	64.1	61.6
2003	20	117.4	105.3	68.8	58.4	52.6	52.0
2004	20	117.3	106.0	68.7	77.2	71.3	69.8
2005	19	118.7	105.0	67.2	60.6	55.6	54.2
2006	28	118.2	105.1	68.2	58.5	54.0	52.4
2007	32	117.6	105.9	68.3	69.3	63.8	62.1
2008	37	117.0	105.9	68.9	62.5	58.1	56.5
2009	24	116.2	106.8	70.0	72.4	66.9	64.4
2010	48	117.0	106.4	68.8	67.9	62.9	61.1
2011	28	117.4	105.1	68.3	83.4	75.9	73.2
2012	18	116.6	105.7	69.2	64.4	58.9	57.2
2013	21	116.9	106.0	68.9	82.8	76.1	73.1
2014	18	117.4	104.9	68.0	85.8	78.9	75.9
2015	15	116.4	105.3	69.0	90.0	82.3	79.7
2017	12	115.4	105.2	70.2	40.7	36.6	35.0
2018	10	115.6	107.5	69.8	9.6	8.9	8.4

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	12	88.3	103.6	92.4	83.6	100.1	96.9	87.8	93.3	101.3	96.2	80.1
1989	13	85.9	102.9	92.1	83.1	97.7	97.5	86.7	91.0	99.2	96.7	78.7
1990	16	85.5	102.8	91.2	83.2	97.3	97.1	86.7	90.4	98.9	96.0	78.7
1991	11	84.5	102.9	91.5	82.5	97.6	97.4	85.9	88.8	99.5	95.9	77.6
1992	14	86.5	103.4	91.8	83.3	98.4	97.7	86.9	91.3	100.1	96.6	79.2
1993	20	85.5	102.3	92.2	82.8	96.8	99.0	86.2	91.2	99.0	97.6	78.7
1994	16	86.0	103.1	91.7	83.0	98.2	98.2	87.1	90.0	100.0	97.4	79.1
1995	14	84.9	103.1	90.4	83.3	96.7	98.0	86.1	89.8	99.1	96.3	78.6
1997	15	86.1	103.7	91.1	83.3	98.9	96.7	87.1	90.0	100.4	95.5	79.1
1998	15	85.8	102.7	91.4	83.3	97.3	97.5	86.7	90.9	99.1	96.5	78.8
1999	18	86.9	103.3	92.3	83.0	98.8	97.4	86.4	93.9	100.1	96.6	78.3
2000	19	86.4	102.9	92.2	82.6	98.2	98.1	86.2	93.5	99.9	97.3	78.1
2001	12	86.5	103.6	92.0	83.7	97.7	97.7	85.9	93.9	99.8	96.4	78.7
2002	15	86.1	104.1	91.5	83.7	98.2	97.1	85.8	93.2	100.3	95.9	78.4
2007	10	86.5	102.6	91.7	83.1	98.3	97.4	87.1	91.4	99.4	96.7	78.7

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1987	10	90.4	89.3	101.7
1989	11	91.4	89.9	99.6
1990	11	91.5	90.5	100.0
1992	14	91.5	90.1	101.1
1993	18	91.1	89.9	99.8
1994	17	90.9	89.6	99.9
1995	13	91.4	90.2	99.7
1998	13	90.8	89.5	100.3
1999	23	89.3	88.4	101.0
2000	16	89.2	88.2	101.1
2001	11	89.5	88.7	100.7

2002	16	89.3	88.4	100.2
2003	13	91.1	89.9	100.6
2004	17	88.6	87.2	101.2
2005	11	89.6	88.3	100.9
2006	17	88.5	87.2	100.8
2007	23	89.1	87.7	101.5
2008	24	88.8	87.5	100.7
2009	20	90.2	89.1	100.8
2010	30	90.9	89.8	101.5
2011	22	88.8	87.3	101.8
2012	13	91.2	90.2	102.1

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	38	-1541.8	-10784.5	-134.6	-270.9
2002	35	-1588.3	-10675.2	-145.9	-277.0
2003	37	-1457.2	-10194.4	-129.3	-254.1
2004	29	-918.5	-8143.0	-38.6	-176.4
2005	35	-917.6	-8312.2	-25.6	-182.3
2006	42	-442.4	-6825.0	70.9	-121.2
2007	45	-57.4	-5784.6	151.8	-72.2
2008	44	-47.9	-5662.0	144.3	-66.5
2009	52	267.3	-4309.1	201.6	-23.7
2010	61	615.5	-3126.0	262.0	26.3
2011	44	817.8	-2355.3	304.1	51.5
2012	32	740.0	-2919.4	292.2	40.6
2013	79	444.9	-4047.1	239.6	-0.6
2014	62	617.9	-3944.6	281.5	19.7
2015	57	771.9	-3084.4	293.0	48.4
2016	26	894.8	-2590.0	332.7	56.3

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

Jaar	Aantal	Eff	Int	Gewen
1993	10	96.4	103.3	103.0
1994	14	96.2	102.9	103.4
1998	10	95.4	102.2	104.3
1999	15	96.3	103.6	104.9
2000	12	96.4	103.8	104.6
2002	10	95.8	103.2	104.9
2004	10	94.2	103.9	106.3
2007	18	95.1	102.4	106.3
2008	15	94.4	102.5	106.1
2009	15	95.2	103.2	106.1
2010	18	94.3	103.9	105.8
2014	10	94.9	102.1	107.3

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	11	102.7	96.3	11	-7.7	0	0.0
1986	10	102.6	96.4	10	-7.9	0	0.0
1987	24	101.8	95.2	24	-8.6	0	0.0
1988	20	101.8	95.5	20	-6.4	0	0.0
1989	27	101.9	95.6	27	-8.9	0	0.0
1990	34	102.0	96.7	34	-7.2	0	0.0
1991	28	104.9	97.0	28	-8.4	0	0.0
1992	30	103.6	96.3	31	-8.4	0	0.0
1993	28	105.0	95.8	28	-8.5	0	0.0
1994	25	103.2	95.6	25	-8.0	0	0.0
1995	22	103.0	96.1	22	-8.0	0	0.0
1996	19	104.7	97.3	19	-8.5	0	0.0
1997	28	104.8	96.0	28	-8.4	0	0.0
1998	33	102.8	95.2	33	-8.5	0	0.0
1999	40	104.6	95.8	40	-7.1	0	0.0
2000	44	104.6	95.5	44	-7.6	0	0.0
2001	41	104.1	95.4	41	-8.2	7	58.7
2002	36	104.2	94.5	36	-7.9	7	56.6
2003	37	104.4	95.4	37	-7.7	3	59.3
2004	30	105.8	95.2	30	-7.8	8	58.0
2005	36	104.6	95.7	36	-7.9	0	0.0
2006	47	104.9	96.6	47	-8.0	4	57.0
2007	46	105.2	96.3	46	-7.4	6	60.0
2008	51	105.9	95.5	51	-7.2	5	56.6
2009	59	106.1	96.1	59	-6.7	2	53.5
2010	63	106.3	96.7	63	-6.7	7	60.3
2011	45	106.8	96.9	45	-6.9	2	61.0
2012	33	106.5	97.1	33	-7.1	0	0.0
2013	79	106.8	96.4	79	-6.9	0	0.0
2014	62	106.1	95.8	62	-6.9	4	66.8
2015	57	107.6	96.0	57	-6.6	2	71.5
2016	25	107.4	95.4	25	-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	103.4	100.5	102.7	100.4	97.6	95.6	101.6

Tabel: 140 Witblauw Mixte: Melkproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1982	10	-1772.7	-96.1	-73.7	-90.5	-37.2	-18.2	-19.2	-531.1
1983	11	-2227.0	-108.0	-87.9	-111.1	-20.5	-13.2	-20.7	-620.5
1984	15	-1959.3	-97.4	-79.1	-98.8	-21.6	-14.6	-19.6	-558.6
1985	27	-1922.3	-96.4	-77.1	-97.1	-22.8	-12.4	-19.7	-548.1
1986	27	-1993.8	-99.7	-80.0	-100.4	-24.3	-14.3	-19.9	-567.6
1987	36	-1887.2	-96.4	-78.7	-95.7	-26.8	-19.4	-19.8	-553.6
1988	31	-1821.3	-92.2	-76.5	-92.7	-22.8	-18.8	-19.6	-535.0
1989	32	-1826.7	-96.9	-77.7	-92.9	-33.8	-21.1	-19.5	-549.9
1990	53	-1850.9	-95.1	-76.5	-94.1	-26.7	-17.1	-19.8	-541.8
1991	63	-2099.9	-105.3	-85.5	-105.4	-26.0	-17.3	-20.8	-603.5
1992	61	-1994.8	-101.9	-81.5	-100.6	-28.7	-17.2	-20.2	-578.6

1993	84	-1983.0	-102.0	-80.6	-100.1	-30.4	-15.5	-20.2	-574.7
1994	116	-1899.8	-98.7	-77.3	-96.3	-30.3	-15.2	-19.9	-553.2
1995	109	-1800.7	-95.5	-74.3	-91.8	-32.7	-16.5	-19.4	-532.8
1996	140	-1720.4	-91.0	-71.6	-88.1	-30.5	-16.8	-19.1	-511.1
1997	130	-1613.7	-87.3	-68.8	-83.2	-31.7	-18.9	-18.7	-490.5
1998	145	-1702.0	-90.7	-70.4	-87.3	-31.3	-15.7	-19.2	-505.5
1999	133	-1562.0	-83.6	-66.3	-80.8	-28.6	-17.4	-18.7	-471.7
2000	163	-1521.8	-84.7	-66.2	-79.0	-34.6	-20.0	-18.6	-472.9
2001	159	-1554.9	-88.5	-66.9	-80.6	-39.1	-18.8	-18.9	-484.3
2002	151	-1570.4	-89.0	-67.5	-81.7	-38.7	-19.0	-19.5	-488.3
2003	187	-1527.5	-87.3	-66.3	-78.0	-39.1	-19.6	-16.0	-478.5
2004	218	-1492.1	-87.5	-65.3	-76.1	-42.2	-20.0	-15.4	-474.2
2005	250	-1429.3	-84.4	-63.1	-72.9	-41.5	-20.3	-14.3	-457.8
2006	263	-1489.1	-87.6	-64.7	-76.4	-43.0	-19.0	-16.3	-472.1
2007	248	-1441.7	-85.9	-63.6	-74.2	-43.5	-20.1	-15.9	-463.2
2008	291	-1524.2	-89.1	-64.8	-77.3	-43.0	-16.7	-14.9	-475.8
2009	260	-1464.9	-87.6	-62.8	-73.1	-45.0	-16.9	-11.9	-463.2
2010	317	-1407.7	-85.1	-61.9	-70.2	-44.7	-19.1	-11.1	-453.5
2011	335	-1467.1	-88.2	-63.5	-72.1	-46.0	-18.1	-9.5	-467.1
2012	362	-1433.6	-87.2	-62.7	-69.8	-46.7	-18.9	-7.8	-461.1
2013	343	-1309.3	-82.1	-58.8	-63.5	-46.5	-19.9	-6.4	-432.5
2014	324	-1284.9	-80.0	-58.3	-62.1	-44.1	-20.4	-5.8	-425.7
2015	289	-1268.7	-80.2	-57.7	-60.6	-46.2	-20.7	-4.1	-423.3
2016	176	-1239.8	-78.6	-56.5	-59.6	-45.0	-20.6	-4.8	-414.7

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

Tabel: 141 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	102.2	100.3	88.5	103.2
1983	11	98.5	103.8	98.8	102.1	98.6	97.7	87.0	100.5
1984	15	99.9	102.8	99.5	101.9	99.9	98.8	87.7	100.8
1985	28	101.3	103.9	101.0	103.5	101.5	99.5	87.7	102.4
1986	27	100.0	103.7	99.9	102.7	100.2	98.9	87.5	101.4
1987	33	100.6	103.6	100.5	103.2	100.9	99.2	87.6	102.0
1988	32	100.5	103.6	100.1	103.0	100.8	98.7	87.4	101.7
1989	33	100.2	103.4	99.7	102.5	100.2	98.4	87.1	101.2
1990	57	100.6	103.5	100.3	103.0	100.9	98.9	87.3	101.8
1991	68	99.8	104.0	99.9	103.1	100.2	98.6	87.8	101.6
1992	67	100.3	104.2	100.4	103.5	100.9	99.0	88.0	102.0
1993	89	100.6	104.6	101.2	104.1	101.4	99.7	88.8	102.8
1994	122	100.8	104.5	101.2	104.1	101.7	99.5	88.2	102.9
1995	115	101.1	103.7	101.0	103.6	101.7	100.0	88.5	102.5
1996	140	101.2	104.0	101.4	104.0	102.0	100.1	88.9	102.9
1997	136	101.2	104.2	101.6	104.2	102.1	100.0	88.9	103.1
1998	152	102.0	104.1	102.1	104.5	102.9	100.4	88.5	103.6
1999	138	101.8	104.0	101.9	104.2	102.6	99.8	88.3	103.3
2000	175	101.7	104.1	102.0	104.3	102.6	100.1	88.9	103.4
2001	173	101.4	104.0	101.7	104.1	102.3	99.7	89.1	103.1
2002	167	101.4	104.2	101.9	104.3	102.3	99.9	89.5	103.4
2003	202	101.1	104.2	101.8	104.3	102.1	99.6	89.7	103.3
2004	243	101.0	104.1	101.7	104.1	101.9	99.4	89.6	103.1
2005	268	100.9	104.4	101.9	104.4	102.1	99.4	90.1	103.4
2006	284	101.2	104.6	102.2	104.7	102.5	99.7	89.9	103.7
2007	273	101.8	104.5	102.6	104.9	103.0	100.0	89.8	104.0
2008	318	101.1	104.7	102.3	104.8	102.5	99.7	90.0	103.8
2009	302	101.8	104.7	102.9	105.1	103.2	100.1	90.0	104.2
2010	378	102.0	104.3	102.7	104.8	103.2	100.2	90.1	104.0
2011	436	101.8	104.7	102.9	105.1	103.2	100.0	90.0	104.2

2012	421	102.2	104.6	103.2	105.2	103.5	100.2	90.0	104.4
2013	392	101.9	104.6	103.0	105.1	103.4	100.1	90.4	104.3
2014	382	101.8	104.3	102.8	104.8	103.1	100.0	90.3	104.0
2015	336	101.9	104.3	102.8	104.8	103.1	100.1	90.3	104.0
2016	229	101.5	104.1	102.5	104.5	102.8	99.8	90.6	103.7

Tabel: 142 Witblauw Mixte: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1982	10	-162.7	-531.1	-412.0	103.8	103.2	0.0	0.0	0.0
1983	11	-199.2	-620.5	0.0	103.6	100.5	0.0	0.0	0.0
1984	15	-175.7	-558.6	-113.0	103.6	100.8	0.0	0.0	0.0
1985	27	-158.4	-548.1	-222.0	104.4	102.4	0.0	0.0	0.0
1986	27	-173.6	-567.6	-153.2	104.2	101.4	0.0	0.0	0.0
1987	36	-165.4	-553.6	-87.5	103.8	102.0	0.0	0.0	0.0
1988	31	-152.8	-535.0	3.0	104.9	101.7	0.0	0.0	0.0
1989	32	-158.2	-549.9	69.1	104.9	101.2	0.0	0.0	0.0
1990	53	-160.1	-541.8	26.6	103.7	101.8	0.0	0.0	0.0
1991	63	-178.8	-603.5	64.5	104.0	101.6	0.0	0.0	0.0
1992	61	-164.8	-578.6	38.8	104.7	102.0	0.0	0.0	0.0
1993	84	-164.4	-574.7	62.1	103.6	102.8	0.0	0.0	0.0
1994	116	-153.2	-553.2	94.3	103.8	102.9	0.0	0.0	0.0
1995	109	-148.9	-532.8	69.6	104.0	102.5	0.0	0.0	0.0
1996	140	-134.4	-511.1	118.7	104.1	102.9	0.0	0.0	0.0
1997	130	-126.9	-490.5	101.3	104.1	103.1	0.0	0.0	0.0
1998	145	-126.1	-505.5	119.3	104.4	103.6	0.0	0.0	0.0
1999	133	-101.5	-471.7	124.6	104.3	103.3	0.0	0.0	0.0
2000	163	-109.2	-472.9	121.8	104.1	103.4	0.0	0.0	0.0
2001	159	-121.0	-484.3	142.5	103.5	103.1	0.0	0.0	0.0
2002	151	-118.6	-488.3	117.6	103.6	103.4	0.0	0.0	0.0
2003	187	-107.9	-478.5	139.8	103.8	103.3	0.0	0.0	0.0
2004	218	-112.7	-474.2	132.5	103.7	103.1	0.0	0.0	0.0
2005	250	-107.3	-457.8	126.7	103.4	103.4	0.0	0.0	0.0
2006	263	-108.2	-472.1	109.6	103.1	103.7	0.0	0.0	0.0
2007	248	-104.1	-463.2	79.1	103.3	104.0	0.0	0.0	0.0
2008	291	-111.1	-475.8	81.8	103.2	103.8	0.0	0.0	0.0
2009	260	-104.2	-463.2	47.4	103.7	104.2	0.0	0.0	0.0
2010	317	-100.0	-453.5	62.6	103.7	104.0	0.0	0.0	0.0
2011	335	-103.8	-467.1	52.0	103.3	104.2	0.0	0.0	0.0
2012	362	-102.4	-461.1	46.6	103.1	104.4	0.0	0.0	0.0
2013	343	-93.2	-432.5	65.4	103.5	104.3	107.0	93.0	0.0
2014	324	-96.8	-425.7	84.8	103.0	104.0	0.0	0.0	0.0
2015	289	-99.2	-423.3	80.7	102.8	104.0	0.0	0.0	0.0
2016	176	-99.4	-414.7	68.0	103.0	103.7	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1989	11	73.2	106.8	123.0	10.0	8.5	7.9
1990	10	75.7	105.7	121.4	11.3	8.9	8.6
1992	12	79.4	105.2	118.1	37.5	30.3	28.3
1993	20	78.0	105.8	119.2	23.0	18.2	17.3
1994	20	79.7	105.6	117.7	51.4	41.0	38.7
1995	21	77.3	105.8	119.4	32.5	26.0	24.8

1996	39	78.1	105.4	118.6	52.7	41.9	40.0
1997	34	77.9	105.0	119.0	60.8	47.7	45.6
1998	45	78.3	105.5	118.5	63.8	50.3	47.8
1999	40	79.0	104.5	118.2	92.5	72.5	68.1
2000	75	79.0	105.1	118.0	68.8	55.0	51.5
2001	73	79.2	105.2	117.6	78.9	62.8	58.6
2002	72	78.9	105.3	118.0	91.7	72.8	68.5
2003	105	78.9	105.2	118.2	98.6	78.1	73.6
2004	129	79.1	104.9	118.0	93.0	74.2	69.8
2005	143	79.6	104.3	117.7	101.2	80.0	75.6
2006	160	79.7	104.7	117.7	100.1	78.8	74.3
2007	156	79.8	104.4	117.4	109.3	85.4	80.2
2008	166	79.3	104.7	118.0	106.1	83.8	78.8
2009	234	79.0	105.4	118.2	101.1	79.4	74.8
2010	289	78.9	104.9	118.1	105.9	82.8	78.0
2011	310	78.7	104.8	118.2	105.1	81.9	77.0
2012	337	78.5	105.0	118.3	107.6	83.8	78.5
2013	280	78.8	105.6	118.0	103.3	81.2	76.4
2014	358	79.5	105.3	117.4	97.5	76.3	72.1
2015	344	79.6	104.8	117.2	86.8	67.6	63.9
2016	285	79.6	104.7	117.3	76.8	60.0	56.7
2017	301	79.7	104.6	117.2	53.3	41.5	39.0
2018	276	80.0	104.9	116.9	52.0	40.5	38.4
2019	27	79.4	105.8	117.4	21.4	16.7	15.5

Tabel: 144 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	27	106.1	130.1	99.4	118.9	105.3	105.6	101.5	103.0	120.9	108.7	108.9
2000	20	105.0	127.7	99.9	116.7	104.8	106.0	100.8	102.8	118.5	108.8	106.0
2001	16	104.8	128.3	100.0	118.2	102.8	106.1	101.0	102.6	118.9	109.4	107.3
2002	36	105.2	128.9	100.9	117.5	104.4	105.8	100.6	103.5	120.0	109.1	106.8
2003	70	105.1	128.1	100.7	117.0	104.4	105.7	100.6	103.6	119.3	108.7	106.2
2004	63	105.0	126.8	100.1	116.5	103.9	105.6	100.7	103.7	117.4	108.3	105.3
2005	78	104.7	126.3	100.4	115.5	104.2	105.2	100.5	103.3	117.3	108.2	104.2
2006	105	104.7	126.3	100.3	115.8	104.5	104.9	100.8	102.8	117.4	108.0	104.5
2007	95	106.0	127.9	100.6	116.7	105.9	104.9	101.9	102.8	119.0	108.7	106.0
2008	129	105.1	127.1	101.0	115.8	105.1	105.2	101.1	102.7	118.1	108.6	104.7
2009	142	105.2	127.7	101.7	116.4	105.0	105.8	100.9	102.9	119.1	109.4	105.9
2010	157	104.5	125.5	101.6	115.3	103.5	105.6	100.6	102.9	117.3	109.2	104.8
2011	170	104.1	126.2	101.8	115.7	103.3	105.8	100.2	102.6	117.9	109.5	105.0
2012	132	103.7	125.0	102.2	114.7	102.7	105.8	99.9	102.5	117.6	109.6	104.6
2013	95	103.4	124.1	102.1	114.3	102.0	105.5	100.0	102.4	116.7	109.6	104.2
2014	53	104.3	125.4	102.0	115.4	103.2	106.0	100.4	102.9	117.5	109.7	105.0
2015	20	104.0	123.2	102.2	114.6	101.3	105.3	100.6	102.9	116.2	109.4	104.8

Tabel: 145 Witblauw Mixte: Levensproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	140	-1549.0	-3873.7	-305.4	-208.8
2002	140	-1692.4	-4456.4	-330.4	-229.0
2003	170	-1566.0	-3915.6	-308.6	-211.1
2004	179	-1554.7	-3784.8	-309.7	-208.2
2005	213	-1493.9	-3532.5	-299.1	-199.6

2006	225	-1643.8	-4180.8	-327.8	-219.4
2007	216	-1728.9	-4463.1	-339.8	-233.0
2008	253	-1798.5	-4922.4	-356.3	-240.0
2009	210	-1899.3	-5295.6	-376.6	-252.9
2010	273	-1795.9	-4800.4	-355.1	-240.3
2011	314	-1901.0	-5213.8	-376.8	-253.4
2012	310	-1899.6	-5172.2	-376.2	-253.4
2013	282	-1668.7	-4199.0	-334.8	-221.5
2014	258	-1553.3	-3662.3	-312.4	-206.6
2015	242	-1612.2	-3954.8	-324.7	-213.6
2016	150	-1627.1	-4081.1	-325.1	-216.6

Tabel: 146 Witblauw Mixte: Robot / AMS kenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Eff	Int	Gewen
2013	11	94.0	107.8	102.4

Tabel: 147 Witblauw Mixte: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1982	10	100.5	96.1	0	0.0	0	0.0
1983	11	100.2	94.2	0	0.0	0	0.0
1984	15	100.5	95.0	0	0.0	0	0.0
1985	27	99.2	95.3	0	0.0	0	0.0
1986	27	98.8	95.3	0	0.0	0	0.0
1987	36	100.5	95.8	0	0.0	0	0.0
1988	31	99.0	95.0	0	0.0	0	0.0
1989	32	98.3	95.2	0	0.0	0	0.0
1990	53	99.1	95.0	0	0.0	0	0.0
1991	63	98.3	94.9	0	0.0	0	0.0
1992	61	97.7	95.2	0	0.0	0	0.0
1993	84	98.0	94.9	0	0.0	0	0.0
1994	116	97.6	94.9	0	0.0	0	0.0
1995	109	97.5	95.1	0	0.0	0	0.0
1996	140	97.9	95.4	0	0.0	0	0.0
1997	130	97.4	95.4	0	0.0	0	0.0
1998	145	96.9	94.7	0	0.0	0	0.0
1999	133	96.8	94.7	0	0.0	0	0.0
2000	163	97.1	95.0	0	0.0	0	0.0
2001	159	96.8	94.9	0	0.0	0	0.0
2002	151	97.4	95.5	0	0.0	0	0.0
2003	187	97.6	95.2	0	0.0	0	0.0
2004	218	97.1	95.4	0	0.0	0	0.0
2005	250	97.5	95.5	0	0.0	0	0.0
2006	263	97.2	95.4	0	0.0	0	0.0
2007	248	97.0	95.2	0	0.0	0	0.0
2008	291	96.9	95.6	0	0.0	0	0.0
2009	260	96.8	95.7	0	0.0	0	0.0
2010	317	97.6	95.5	0	0.0	0	0.0
2011	335	97.2	96.1	0	0.0	0	0.0
2012	362	97.6	96.1	0	0.0	0	0.0
2013	343	97.1	95.9	0	0.0	1	97.0
2014	324	97.6	96.3	0	0.0	0	0.0
2015	289	97.6	96.3	0	0.0	0	0.0

2016 176 97.3 96.4 0 0.0 0 0.0

Tabel: 148 Rood Dubbeldoel: Melkproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	21	-1598.4	-68.7	-63.0	-82.4	5.0	-8.3	-18.4	-427.6
1981	16	-1593.3	-73.2	-63.2	-82.4	-4.6	-9.3	-18.9	-437.9
1982	18	-1593.9	-68.5	-63.0	-82.4	5.5	-8.7	-18.8	-426.9
1983	47	-1701.4	-72.4	-65.3	-87.3	7.7	-4.9	-19.2	-445.9
1984	51	-1858.5	-78.0	-70.0	-94.4	11.3	-2.7	-19.6	-479.2
1985	63	-1919.4	-84.4	-72.6	-97.1	3.6	-3.2	-19.8	-504.1
1986	95	-1996.6	-85.4	-74.0	-100.7	9.1	0.3	-20.2	-512.9
1987	139	-1921.2	-83.3	-72.2	-97.3	5.8	-2.1	-19.9	-499.9
1988	181	-1850.8	-79.4	-70.0	-94.0	7.5	-2.9	-19.5	-482.0
1989	173	-1807.1	-78.5	-69.6	-92.1	4.7	-5.6	-19.5	-477.8
1990	162	-1710.3	-73.7	-66.7	-87.6	6.0	-6.7	-19.1	-454.6
1991	129	-1632.6	-71.9	-65.3	-84.1	2.6	-10.1	-18.9	-444.3
1992	80	-1696.2	-72.2	-66.2	-87.0	8.8	-6.6	-19.2	-449.2
1993	67	-1591.8	-69.3	-63.3	-82.2	4.3	-8.5	-18.7	-429.6
1994	64	-1474.5	-64.2	-59.6	-76.9	4.1	-10.0	-18.5	-402.3
1995	58	-1490.6	-66.4	-61.0	-77.6	0.7	-11.8	-18.4	-412.7
1996	31	-1634.4	-66.2	-60.5	-84.3	15.0	0.1	-19.0	-412.4
1997	29	-1540.4	-66.6	-59.7	-79.9	4.3	-5.5	-18.6	-408.5
1998	36	-1462.2	-67.9	-59.9	-76.4	-5.2	-11.6	-18.4	-411.2
1999	37	-1397.0	-64.9	-58.4	-73.3	-4.8	-13.3	-18.1	-397.6
2000	31	-1368.9	-63.2	-55.3	-72.0	-3.5	-9.3	-18.1	-380.8
2001	32	-1283.0	-59.1	-53.4	-68.2	-3.1	-11.3	-18.2	-363.5
2002	40	-1333.3	-64.2	-55.5	-51.8	-8.8	-11.7	18.6	-377.9
2003	43	-1317.7	-64.5	-55.3	-41.5	-11.0	-12.8	39.0	-374.8
2004	47	-1106.1	-57.7	-51.1	-32.9	-15.2	-19.0	34.6	-340.7
2005	36	-1227.2	-61.3	-54.0	-37.4	-12.4	-16.6	37.2	-361.3
2006	61	-1082.8	-56.9	-49.5	-32.8	-15.9	-17.7	32.4	-332.5
2007	42	-1160.3	-61.9	-52.7	-35.9	-19.1	-18.5	34.0	-356.7
2008	45	-1060.5	-56.4	-49.1	-33.2	-16.9	-18.3	29.4	-329.8
2009	30	-1281.3	-67.0	-55.3	-41.8	-19.0	-15.3	34.2	-379.9
2010	28	-1054.9	-56.6	-50.0	-36.5	-17.8	-20.3	22.4	-334.7
2011	27	-1012.2	-57.5	-47.3	-30.8	-22.9	-18.4	29.7	-324.1
2012	32	-1172.3	-61.3	-51.3	-37.9	-16.8	-15.2	31.3	-350.4
2013	25	-1123.0	-53.8	-49.2	-32.4	-7.1	-14.5	36.8	-324.6
2014	21	-1001.7	-49.4	-46.1	-31.4	-8.7	-16.9	27.7	-302.3
2015	32	-1010.1	-53.2	-46.8	-26.5	-14.8	-17.3	37.8	-311.4

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1985	10	95.4	95.9	94.7	99.5	93.9	90.3	98.1
1986	14	95.5	95.1	94.2	99.6	93.4	91.7	99.3
1987	18	94.3	94.8	94.2	99.2	92.9	91.0	98.4
1988	23	95.9	95.7	95.0	100.0	92.8	90.3	100.7
1989	34	94.6	95.8	94.6	99.5	93.5	90.4	100.0
1990	43	96.1	95.5	94.5	99.7	93.6	91.0	100.9
1991	21	95.5	95.6	95.0	100.1	93.5	91.3	100.2
1992	14	95.4	96.6	94.4	99.0	95.2	90.6	100.5

1993	16	95.9	95.4	94.9	99.9	93.5	91.4	100.0
1994	16	95.3	97.1	95.2	99.6	95.1	90.2	100.6
1995	15	95.0	96.8	95.1	99.9	94.8	91.1	101.7
1998	12	96.5	96.3	95.1	100.7	95.2	93.2	99.8
1999	11	97.3	96.0	95.9	101.2	93.6	91.3	101.3
2001	10	96.9	96.4	95.7	100.9	94.8	91.6	101.0
2002	14	96.6	96.3	96.1	101.1	94.5	92.6	100.4

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

Jaar	Aantal	BA	BZ	KH	BG
1985	10	95.3	98.4	94.4	93.2
1986	14	93.7	98.9	92.5	91.6
1987	18	94.2	99.7	92.0	91.9
1988	23	94.3	99.5	92.9	92.0
1989	34	93.9	100.1	92.5	91.6
1990	43	94.2	98.6	93.7	92.0
1991	21	94.4	98.9	93.6	92.1
1992	14	94.7	99.2	94.6	92.3
1993	16	93.8	99.4	93.4	91.4
1994	16	94.3	98.6	94.3	91.8
1995	15	94.3	100.6	93.3	91.7
1998	12	96.2	99.2	95.0	94.1
1999	11	95.7	98.5	95.2	93.6
2001	10	95.8	97.9	95.9	93.5
2002	14	96.9	97.5	96.4	94.6

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1985	10	96.4	94.4	101.3	99.6	95.6	97.3	95.5
1986	14	95.7	92.5	102.2	99.0	96.0	96.7	94.0
1987	18	96.2	94.5	100.7	99.7	95.9	97.7	95.6
1988	23	96.0	94.3	101.4	99.0	95.4	97.6	95.4
1989	34	96.2	94.0	102.3	99.3	95.3	96.5	94.5
1990	43	96.6	94.0	102.2	99.6	95.8	96.6	94.5
1991	21	96.8	95.6	101.9	99.1	96.0	96.9	95.4
1992	14	95.8	93.3	103.7	99.4	94.9	97.9	95.4
1993	16	95.4	92.3	103.4	99.3	95.7	96.1	93.7
1994	16	95.6	93.3	103.1	99.2	95.8	97.4	94.9
1995	15	95.8	93.3	103.0	98.9	95.6	96.3	94.5
1998	12	95.8	95.5	101.2	100.1	96.0	98.4	96.4
1999	11	96.5	95.7	101.9	100.2	96.5	98.8	96.8
2001	10	96.9	96.4	101.6	101.2	96.0	98.3	96.5
2002	14	97.6	97.5	101.4	100.7	96.6	98.9	97.3

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

Jaar	Aantal	F	T	U	B	Bs	Ext
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1985	10	90.8	95.0	96.9	92.3	98.5	90.8
1986	14	91.9	94.9	96.5	90.2	98.0	89.6
1987	18	90.7	93.8	97.1	90.7	97.7	89.6
1988	23	92.2	95.3	96.5	90.9	97.6	90.3
1989	34	91.7	95.1	96.5	90.3	97.9	89.8
1990	43	92.3	95.5	96.9	90.8	98.3	90.5
1991	21	92.4	95.7	97.0	91.0	98.2	90.6
1992	14	92.3	96.1	96.2	91.4	99.5	90.6
1993	16	92.1	95.3	96.4	90.4	97.4	89.9
1994	16	92.7	96.4	96.4	90.6	99.2	90.4
1995	15	93.2	96.5	96.3	90.7	98.5	90.5
1998	12	93.2	97.0	97.2	93.2	98.7	92.4
1999	11	92.8	96.7	97.5	92.7	97.7	92.3
2001	10	93.1	97.5	97.9	92.4	98.6	92.5
2002	14	93.6	97.4	98.3	93.7	98.7	93.4

Tabel: 153 Rood Dubbeldoel: Vruchtbaarheidskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	93	98.3	104.8	100.3	102.9	99.3	101.0	96.6	101.8
1981	47	97.9	105.0	99.9	102.9	99.0	100.8	95.5	101.6
1982	76	99.5	103.8	100.1	102.8	100.2	101.8	93.7	101.6
1983	112	99.9	104.7	101.4	103.8	101.1	102.3	94.6	102.8
1984	108	100.1	103.6	100.4	102.8	100.8	102.2	92.7	101.8
1985	123	99.9	103.7	100.0	102.7	100.5	102.2	92.1	101.6
1986	147	99.7	103.4	99.7	102.3	100.2	101.9	92.5	101.2
1987	176	99.1	103.8	99.6	102.5	99.8	101.5	92.9	101.1
1988	197	99.9	103.4	100.1	102.5	100.5	102.2	93.0	101.5
1989	185	100.0	104.0	100.6	103.2	100.9	102.3	93.4	102.1
1990	173	99.9	103.6	100.3	102.7	100.7	102.1	93.3	101.6
1991	134	100.3	103.5	100.7	103.0	101.1	102.1	93.5	102.0
1992	86	100.0	103.7	100.5	102.9	100.8	102.2	93.3	101.8
1993	79	100.1	103.2	100.2	102.4	100.7	102.1	93.0	101.4
1994	67	100.4	102.9	100.3	102.4	100.9	102.4	92.9	101.4
1995	64	100.7	103.3	100.8	103.0	101.4	102.4	93.9	102.0
1996	34	100.7	103.6	101.0	103.1	101.5	102.5	93.4	102.1
1997	32	100.0	102.7	99.8	102.1	100.5	101.9	92.9	101.0
1998	38	100.0	103.0	100.1	102.4	100.7	101.8	93.7	101.4
1999	42	100.5	103.0	100.3	102.5	101.2	102.0	93.1	101.5
2000	33	100.0	102.8	99.7	102.2	100.5	101.4	93.1	100.9
2001	35	100.1	103.4	100.3	102.7	101.1	101.9	93.6	101.7
2002	48	99.9	103.6	100.4	102.9	101.0	101.7	93.8	101.7
2003	53	100.3	103.1	100.2	102.4	101.0	102.1	93.1	101.4
2004	64	99.9	103.0	99.8	102.3	100.6	101.9	93.5	101.1
2005	55	100.0	103.0	100.0	102.3	100.8	102.2	93.0	101.2
2006	68	100.4	102.7	100.0	102.2	101.0	102.1	93.4	101.2
2007	55	100.0	102.8	99.7	102.1	100.6	101.9	93.5	100.9
2008	59	100.6	102.7	100.3	102.4	101.0	101.9	93.7	101.5
2009	48	100.3	103.1	100.4	102.6	101.1	102.2	94.3	101.7
2010	35	100.1	103.3	100.4	102.7	100.9	101.8	94.0	101.6
2011	43	100.4	103.1	100.5	102.6	101.1	101.8	94.0	101.7
2012	51	99.6	103.8	100.5	102.8	100.8	101.8	95.2	101.9
2013	43	100.3	103.0	100.3	102.5	101.0	102.0	94.5	101.6
2014	34	99.7	103.2	100.1	102.4	100.6	101.4	94.6	101.4
2015	55	100.0	103.0	100.2	102.4	100.7	101.7	94.8	101.5
2016	17	100.1	103.0	100.4	102.7	101.2	102.1	95.5	101.8

Tabel: 154 Rood Dubbeldoel: Gebruikskennmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	11	95.6	0.0	96.9	101.2	103.3
1987	13	95.2	0.0	97.7	102.2	104.2
1988	20	94.8	5.0	97.1	101.5	103.2
1989	30	95.0	3.2	97.3	101.8	103.6
1990	34	94.7	0.0	96.9	101.2	102.6
1991	17	94.1	0.0	97.0	101.1	103.8
1992	10	94.7	0.0	96.7	101.2	102.4
1993	12	95.9	8.1	97.2	101.5	102.8
1994	16	94.1	73.6	96.9	101.4	103.2
1995	15	95.6	91.7	97.6	101.2	104.1
1998	12	95.8	72.8	96.8	100.5	103.2
1999	11	95.2	97.5	97.2	100.9	103.6
2001	10	94.8	98.2	97.5	101.0	102.9
2002	14	93.4	97.4	97.3	100.5	103.3

Tabel: 155 Rood Dubbeldoel: NVI met onderliggende kenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	20	-145.8	-427.6	0.0	102.6	101.8	97.0	95.0	0.0
1981	13	-156.5	-437.9	0.0	102.5	101.6	96.0	91.0	0.0
1982	18	-164.0	-426.9	-382.0	102.9	101.6	96.8	90.6	0.0
1983	46	-154.5	-445.9	-80.0	103.4	102.8	96.4	90.0	0.0
1984	50	-172.9	-479.2	-109.3	103.4	101.8	96.9	92.3	97.0
1985	63	-178.8	-504.1	22.3	103.7	101.6	96.9	92.3	0.0
1986	95	-192.0	-512.9	-17.9	102.7	101.2	96.5	90.2	0.0
1987	139	-175.1	-499.9	49.5	103.8	101.1	97.1	90.7	0.0
1988	181	-180.5	-482.0	55.3	102.8	101.5	96.5	90.9	0.0
1989	173	-184.0	-477.8	45.8	103.2	102.1	96.5	90.3	0.0
1990	161	-178.8	-454.6	45.0	102.3	101.6	96.9	90.8	0.0
1991	129	-166.3	-444.3	-10.2	103.0	102.0	97.0	91.0	0.0
1992	80	-178.5	-449.2	3.1	102.1	101.8	96.2	91.4	0.0
1993	67	-176.2	-429.6	-28.3	102.5	101.4	96.4	90.4	0.0
1994	64	-162.4	-402.3	-80.2	102.6	101.4	96.4	90.6	0.0
1995	58	-168.4	-412.7	-98.3	103.2	102.0	96.3	90.7	0.0
1996	31	-170.5	-412.4	-171.8	102.5	102.1	98.0	92.2	0.0
1997	29	-177.7	-408.5	-195.2	102.9	101.0	97.1	92.9	0.0
1998	36	-181.5	-411.2	-242.6	102.3	101.4	97.2	93.2	0.0
1999	37	-171.8	-397.6	-264.7	102.7	101.5	97.5	92.7	0.0
2000	31	-171.0	-380.8	-318.3	102.9	100.9	98.1	93.4	0.0
2001	32	-171.7	-363.5	-323.6	102.3	101.7	97.9	92.4	0.0
2002	40	-174.2	-377.9	-291.8	102.4	101.7	98.3	93.7	0.0
2003	43	-176.8	-374.8	-356.3	101.7	101.4	97.5	94.5	0.0
2004	47	-152.6	-340.7	-288.0	102.7	101.1	0.0	0.0	0.0
2005	36	-165.2	-361.3	-310.9	101.6	101.2	0.0	0.0	0.0
2006	61	-152.8	-332.5	-313.3	102.5	101.2	98.0	91.0	0.0
2007	42	-145.7	-356.7	-303.9	102.7	100.9	0.0	0.0	0.0
2008	45	-137.2	-329.8	-263.5	102.5	101.5	99.0	93.0	0.0
2009	30	-160.9	-379.9	-302.1	102.0	101.7	0.0	0.0	0.0
2010	28	-137.3	-334.7	-225.0	103.4	101.6	100.0	92.0	0.0
2011	27	-124.0	-324.1	-238.9	102.1	101.7	0.0	0.0	0.0
2012	32	-134.3	-350.4	-353.6	102.4	101.9	102.0	95.0	0.0
2013	25	-120.6	-324.6	-341.3	103.9	101.6	0.0	0.0	0.0
2014	21	-110.3	-302.3	-261.3	103.0	101.4	0.0	0.0	0.0

2015 32 -122.8 -311.4 -313.6 102.7 101.5 0.0 0.0 0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1983	19	80.8	107.5	123.2	49.4	43.9	47.6
1984	28	82.0	105.8	121.9	40.8	37.0	38.8
1985	32	80.3	106.9	123.6	71.9	64.7	68.2
1986	45	80.4	107.6	123.4	84.8	77.5	83.1
1987	76	80.1	106.9	123.7	89.8	80.9	85.8
1988	117	79.6	108.4	123.9	84.0	75.5	79.3
1989	102	78.5	107.1	125.5	81.1	72.9	77.7
1990	112	80.5	107.7	123.0	74.7	67.4	72.8
1991	70	84.0	106.1	119.6	82.9	75.5	79.9
1992	56	83.3	106.7	120.7	67.9	61.9	67.7
1993	43	79.3	107.2	124.3	59.5	55.0	59.5
1994	22	81.0	106.5	122.4	83.5	77.9	83.9
1995	16	83.1	105.6	120.6	90.1	82.1	86.5
1996	10	81.5	106.4	122.3	102.4	93.4	99.5
1998	16	82.1	105.2	121.5	76.6	70.1	76.1
1999	22	82.6	105.5	120.8	88.6	81.1	87.7
2000	14	79.7	106.4	123.9	94.6	88.0	94.7
2001	20	83.5	105.6	120.2	93.2	85.2	90.1
2002	28	82.9	104.1	121.0	99.2	90.5	97.0
2003	19	82.7	105.6	121.1	91.0	84.1	89.4
2004	34	83.5	104.8	120.4	93.2	85.6	90.9
2005	13	81.7	106.0	122.1	70.6	65.0	70.0
2006	29	82.7	105.9	121.2	98.3	90.1	96.8
2007	34	85.0	105.4	118.8	100.6	94.1	102.7
2008	31	84.6	105.0	119.3	100.5	93.5	103.2
2009	35	84.3	105.4	119.5	94.9	88.5	97.0
2010	28	84.5	106.4	119.4	100.5	93.2	104.5
2011	25	84.7	105.4	119.0	101.2	93.6	102.5
2012	30	84.8	106.1	118.8	97.0	91.2	99.8
2013	30	87.1	104.9	116.5	101.4	92.7	100.6
2014	23	85.0	105.3	118.8	101.4	93.6	101.7
2015	41	85.7	105.1	118.1	101.2	93.3	101.0
2016	26	86.6	103.9	117.0	90.4	82.5	87.9
2017	32	84.8	105.5	119.2	75.8	70.0	75.5
2018	31	84.7	105.3	119.2	65.5	60.2	64.4

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

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
2007	14	103.8	107.4	98.9	105.3	105.0	103.8	102.1	100.9	106.7	101.9	101.1
2008	28	103.1	107.8	98.3	105.9	104.1	104.2	101.6	100.3	106.6	101.5	101.4
2009	29	103.3	107.9	98.4	105.5	104.9	104.3	101.6	100.3	107.0	101.6	101.1
2010	13	103.7	107.2	99.6	105.2	104.9	104.0	102.0	100.8	107.1	102.2	101.3
2011	12	103.9	108.3	98.7	106.1	105.4	104.2	102.2	100.1	106.9	101.6	101.9
2012	12	104.7	110.1	96.8	108.8	105.7	104.4	103.2	100.1	107.8	101.5	103.7
2013	10	104.2	109.0	97.4	107.8	105.3	104.5	102.8	100.0	107.0	101.5	102.4

Tabel: 158 Rood Dubbeldoel: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	32	-3462.2	-12750.3	-608.1	-491.3
2002	40	-3370.8	-12200.8	-595.0	-474.1
2003	43	-3702.2	-13509.6	-652.2	-519.0
2004	47	-3258.5	-11483.7	-573.0	-459.2
2005	36	-3439.9	-12339.2	-604.4	-484.1
2006	61	-3345.9	-11870.2	-589.8	-470.6
2007	40	-3365.3	-11913.6	-595.2	-472.6
2008	44	-3079.2	-10734.8	-543.2	-434.0
2009	30	-3433.8	-12195.1	-610.5	-480.3
2010	28	-2873.8	-9816.1	-507.4	-406.1
2011	27	-2931.6	-10039.5	-525.0	-409.6
2012	32	-3617.4	-13019.9	-641.9	-506.2
2013	25	-3501.2	-12722.2	-612.1	-493.6
2014	23	-3016.4	-10655.7	-527.3	-427.2
2015	34	-3300.6	-11731.6	-582.8	-463.3
2016	11	-3342.0	-12102.5	-591.4	-468.5

Tabel: 159 Rood Dubbeldoel: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	21	100.0	94.9	0	0.0	0	0.0
1981	16	100.2	94.8	0	0.0	0	0.0
1982	18	99.7	95.9	0	0.0	0	0.0
1983	47	100.1	95.1	0	0.0	0	0.0
1984	51	99.2	95.6	0	0.0	0	0.0
1985	63	99.8	96.0	63	-4.5	0	0.0
1986	95	99.4	95.4	95	-4.6	0	0.0
1987	139	99.2	95.2	139	-4.2	0	0.0
1988	181	98.9	95.3	181	-4.3	0	0.0
1989	173	99.8	96.1	173	-4.3	0	0.0
1990	162	99.9	96.5	162	-4.2	0	0.0
1991	129	98.8	96.4	129	-3.9	0	0.0
1992	80	100.2	97.4	80	-4.0	0	0.0
1993	67	99.3	97.2	69	-4.0	0	0.0
1994	64	99.8	96.2	64	-3.6	0	0.0
1995	58	99.2	95.1	58	-3.7	0	0.0
1996	31	98.5	95.4	31	-3.7	0	0.0
1997	29	100.1	95.8	29	-3.8	0	0.0
1998	36	99.5	96.5	36	-3.8	0	0.0
1999	37	100.0	96.5	37	-3.5	0	0.0
2000	31	100.1	95.8	31	-3.4	0	0.0
2001	32	100.9	95.8	32	-3.4	10	93.6
2002	40	100.5	96.7	40	-3.5	14	93.3
2003	43	100.2	96.0	43	-3.5	2	91.5
2004	47	100.4	96.3	47	-3.0	0	0.0
2005	36	100.8	96.6	36	-3.2	0	0.0
2006	61	100.8	96.3	61	-3.1	1	95.0
2007	42	101.8	96.5	42	-3.1	0	0.0
2008	45	101.6	97.4	45	-3.0	1	94.0
2009	30	101.4	97.0	30	-3.5	0	0.0
2010	28	102.1	96.4	28	-3.1	1	92.0
2011	27	101.9	97.9	27	-2.6	0	0.0
2012	32	102.0	97.8	32	-2.8	1	93.0

2013	25	102.0	97.5	25	-2.5	0	0.0
2014	21	101.6	97.3	21	-2.4	0	0.0
2015	32	101.4	97.3	32	-2.5	0	0.0

Tabel: 160 Witrood: Melkproductiekenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	593	-1459.2	-64.6	-58.9	-76.2	1.2	-10.0	-18.3	-399.8
1981	651	-1574.1	-69.8	-62.7	-81.4	0.9	-9.5	-18.7	-428.1
1982	685	-1543.8	-67.8	-62.3	-80.1	2.5	-10.7	-18.6	-421.7
1983	500	-1587.2	-69.4	-65.1	-82.0	3.1	-13.2	-18.7	-437.1
1984	492	-1656.3	-73.3	-67.2	-85.2	1.7	-12.6	-18.9	-455.2
1985	777	-1606.1	-72.5	-64.9	-82.9	-1.2	-11.1	-18.8	-443.1
1986	1200	-1637.2	-72.7	-65.2	-84.3	1.4	-9.5	-18.9	-445.5
1987	2324	-1595.5	-70.4	-63.9	-82.4	2.2	-9.9	-18.8	-434.7
1988	3293	-1538.0	-68.8	-62.6	-79.8	0.5	-11.2	-18.6	-425.1
1989	3395	-1657.2	-72.3	-65.6	-85.2	4.6	-8.5	-19.0	-446.5
1990	3794	-1540.5	-68.6	-62.8	-79.9	1.5	-11.2	-18.6	-425.4
1991	4290	-1451.8	-65.4	-59.6	-75.8	-0.3	-11.3	-18.4	-404.4
1992	4192	-1397.8	-64.1	-58.3	-73.4	-2.6	-12.6	-18.2	-395.6
1993	4077	-1306.3	-61.3	-55.5	-69.2	-5.0	-13.6	-18.0	-377.0
1994	3695	-1284.7	-58.9	-54.2	-68.2	-2.5	-12.7	-17.9	-366.5
1995	2870	-1142.9	-52.7	-49.9	-61.8	-2.7	-14.1	-17.5	-333.8
1996	1222	-1126.4	-52.5	-49.3	-61.0	-3.6	-14.2	-17.5	-330.9
1997	569	-1032.7	-51.3	-46.2	-56.7	-8.6	-14.4	-17.3	-314.3
1998	403	-988.3	-48.1	-45.0	-54.7	-6.8	-15.2	-17.2	-301.9
1999	359	-877.0	-45.0	-41.6	-49.6	-9.8	-16.1	-16.9	-279.8
2000	304	-842.7	-44.3	-41.0	-48.1	-11.4	-17.3	-16.8	-275.7
2001	292	-722.0	-40.4	-37.6	-42.4	-13.4	-18.8	-16.3	-251.9
2002	226	-796.0	-42.4	-39.3	-42.8	-11.2	-17.1	-11.0	-263.1
2003	169	-704.3	-42.6	-37.2	-28.3	-18.6	-19.2	7.6	-250.7
2004	209	-753.1	-42.6	-37.7	-31.1	-15.0	-16.8	6.7	-253.3
2005	241	-792.1	-46.2	-38.9	-33.8	-18.3	-16.6	5.2	-266.6
2006	246	-703.3	-42.3	-36.0	-30.1	-17.9	-16.7	4.2	-245.5
2007	252	-682.3	-44.4	-36.0	-29.5	-23.5	-18.1	3.6	-249.6
2008	236	-674.8	-44.2	-36.0	-29.1	-23.7	-18.6	3.7	-249.4
2009	251	-585.9	-40.5	-32.3	-27.6	-24.3	-17.9	-0.9	-225.8
2010	236	-562.0	-40.7	-31.4	-27.5	-26.3	-17.8	-2.6	-222.8
2011	241	-636.3	-42.6	-33.8	-29.3	-24.3	-17.4	0.2	-236.7
2012	243	-616.1	-41.0	-32.8	-27.3	-22.8	-16.8	2.1	-228.9
2013	264	-685.1	-43.9	-35.2	-31.0	-23.1	-17.1	1.1	-246.1
2014	268	-635.7	-43.4	-34.3	-28.4	-25.8	-18.1	1.7	-240.4
2015	246	-678.5	-43.8	-35.5	-28.5	-23.2	-17.7	5.1	-246.0
2016	161	-696.7	-44.5	-36.6	-28.3	-23.0	-18.7	6.9	-252.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1980	45	92.8	95.0	96.5	101.6	90.8	88.9	96.7
1981	91	93.0	93.1	94.4	100.3	91.6	90.3	95.3
1982	136	94.2	92.5	94.1	100.9	91.6	90.8	94.4
1983	108	93.8	94.2	94.8	100.6	93.6	89.4	95.2
1984	101	96.6	95.7	96.4	102.8	95.0	92.7	98.3

1985	214	96.6	95.8	96.1	102.0	95.7	92.2	98.3
1986	287	97.3	96.8	96.9	102.9	96.6	92.8	99.3
1987	482	97.1	96.9	96.9	103.0	96.7	93.2	99.6
1988	660	96.7	96.7	96.6	102.7	96.6	93.1	98.9
1989	768	97.0	96.8	96.7	102.7	96.8	93.0	99.1
1990	1125	97.8	97.2	96.8	103.0	97.6	93.5	99.1
1991	1306	98.0	97.2	96.7	103.1	97.7	94.1	99.3
1992	1329	98.0	97.3	97.0	103.2	97.7	93.8	99.6
1993	1332	97.9	97.5	97.1	103.3	98.0	93.5	99.6
1994	1105	98.5	98.1	97.6	103.8	98.7	94.0	100.4
1995	771	99.1	97.9	97.8	104.1	98.5	94.1	100.5
1996	247	98.9	98.9	98.1	104.1	99.4	93.9	100.6
1997	102	99.0	97.9	98.5	104.6	98.1	93.5	100.9
1998	43	99.3	99.0	98.3	104.8	99.5	94.6	101.0
1999	26	98.9	97.7	97.3	104.2	98.8	94.6	100.1
2000	24	99.5	97.7	98.2	105.0	98.9	94.5	100.7
2001	19	101.7	98.8	100.7	107.0	98.3	94.6	101.7
2005	11	102.5	98.9	100.5	106.7	98.6	94.5	102.7
2006	12	103.0	98.5	100.8	107.2	98.2	94.7	103.0

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

Jaar	Aantal	BA	BZ	KH	BG
1980	45	90.7	97.0	88.7	89.4
1981	91	93.0	99.5	90.4	91.2
1982	136	92.5	99.9	89.5	90.4
1983	108	93.5	99.7	90.1	91.4
1984	101	94.5	100.5	92.4	92.6
1985	214	95.2	101.8	92.7	92.9
1986	287	95.9	102.0	93.2	93.6
1987	482	95.6	101.4	94.3	93.4
1988	660	95.3	102.1	93.8	93.0
1989	768	95.3	102.2	93.4	93.0
1990	1125	95.6	102.0	94.9	93.0
1991	1306	95.7	101.8	95.1	93.3
1992	1329	95.8	102.4	94.5	93.4
1993	1332	95.7	102.9	94.2	93.1
1994	1105	96.0	103.0	94.6	93.4
1995	771	96.1	102.4	95.2	93.7
1996	247	95.8	103.3	95.0	93.4
1997	102	95.5	104.7	93.4	93.0
1998	43	95.8	104.3	94.0	93.0
1999	26	95.8	103.6	94.4	93.4
2000	24	95.8	104.5	93.7	93.8
2001	19	97.1	103.2	95.2	94.4
2005	11	97.6	104.0	95.5	95.5
2006	12	97.1	104.2	94.9	95.1

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	45	96.6	92.5	97.2	98.3	92.3	94.1	91.6
1981	91	96.2	92.7	99.1	96.8	92.7	91.6	90.9
1982	136	97.4	93.8	97.7	99.5	93.7	94.3	93.5

1983	108	96.3	93.4	97.6	98.3	92.7	93.3	92.7
1984	101	97.4	94.2	99.4	99.9	92.9	93.7	93.4
1985	214	97.2	94.3	100.0	100.0	92.6	93.7	93.7
1986	287	98.3	94.1	101.2	100.7	93.1	93.3	93.3
1987	482	97.9	93.7	101.1	100.5	93.2	93.2	93.0
1988	660	97.7	94.1	101.6	99.9	93.3	93.4	93.4
1989	768	97.9	93.7	101.9	100.4	93.2	93.3	93.0
1990	1125	97.9	93.6	101.5	100.9	93.0	93.4	93.5
1991	1306	97.8	93.7	100.8	101.3	92.7	93.4	93.5
1992	1329	97.7	94.0	101.1	100.9	92.7	93.5	93.6
1993	1332	98.0	94.3	101.0	100.3	92.8	93.8	93.9
1994	1105	98.8	94.4	101.0	101.3	92.8	93.5	93.6
1995	771	98.6	94.4	100.9	101.7	93.1	93.3	93.8
1996	247	98.5	94.0	101.4	101.2	92.8	93.2	93.5
1997	102	98.2	94.2	102.1	100.1	94.4	93.6	93.7
1998	43	98.5	94.9	100.6	100.7	92.1	92.8	93.9
1999	26	99.0	95.4	100.9	101.1	93.6	94.2	95.2
2000	24	98.5	95.4	101.5	100.6	94.5	93.9	95.1
2001	19	98.9	95.6	101.0	101.9	93.7	94.2	94.7
2005	11	98.3	95.9	100.9	101.7	93.1	95.3	96.5
2006	12	99.8	96.5	100.7	103.1	94.0	95.0	95.9

Tabel: 164 Witrood: Exterieurkenmerken bovenbalk
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	45	89.7	94.1	94.8	86.7	96.7	86.2
1981	91	88.3	92.5	93.8	89.5	96.6	86.5
1982	136	87.8	92.5	96.0	88.8	95.5	87.1
1983	108	88.3	94.5	94.7	89.7	97.4	87.3
1984	101	92.6	98.1	95.7	91.5	98.5	90.7
1985	214	92.3	98.1	95.6	91.9	99.0	90.8
1986	287	93.7	99.8	96.4	92.8	99.6	92.4
1987	482	94.1	100.0	96.2	92.7	99.6	92.4
1988	660	93.5	99.5	95.9	92.2	99.7	91.7
1989	768	93.7	99.6	96.2	92.1	99.9	91.8
1990	1125	94.1	100.4	96.2	92.4	100.2	92.2
1991	1306	94.5	100.6	96.2	92.7	100.1	92.5
1992	1329	94.6	100.7	96.0	92.7	100.3	92.5
1993	1332	94.5	101.0	96.1	92.4	100.4	92.4
1994	1105	95.6	102.1	96.6	92.7	100.6	93.4
1995	771	95.7	102.2	96.8	93.2	100.2	93.7
1996	247	96.1	102.9	96.4	92.8	101.1	93.5
1997	102	95.7	102.3	96.6	91.7	100.1	92.9
1998	43	96.8	103.5	95.9	92.3	100.8	93.3
1999	26	95.6	102.3	96.8	92.8	99.8	93.6
2000	24	96.0	102.9	96.9	92.8	100.1	93.7
2001	19	97.7	104.4	97.3	93.8	99.8	95.2
2005	11	98.4	104.4	96.5	94.9	100.3	95.5
2006	12	97.9	104.4	98.2	94.0	99.7	95.9

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	2204	101.8	103.2	102.2	103.2	101.4	102.3	97.7	103.0

1981	2116	101.9	102.6	101.4	102.7	101.1	103.2	96.3	102.3
1982	1825	103.5	101.7	101.9	102.7	102.1	103.0	94.6	102.5
1983	1159	103.2	102.1	101.9	103.0	102.1	103.6	95.5	102.7
1984	1015	103.4	102.4	102.1	103.4	102.4	104.3	95.7	103.0
1985	1398	103.3	102.4	102.1	103.3	102.3	103.8	95.1	102.9
1986	1796	103.6	102.1	102.1	103.1	102.3	103.8	94.6	102.8
1987	2722	103.5	102.3	102.2	103.3	102.4	103.3	95.0	103.0
1988	3372	103.6	101.9	102.1	103.0	102.3	103.2	94.8	102.8
1989	3482	103.5	102.1	102.0	103.1	102.3	103.2	94.6	102.8
1990	3884	103.7	102.3	102.4	103.5	102.6	103.2	94.8	103.2
1991	4371	103.9	102.4	102.7	103.8	103.0	103.5	95.3	103.5
1992	4243	103.8	102.3	102.5	103.6	102.9	103.7	95.3	103.3
1993	4161	104.0	102.0	102.5	103.4	103.0	103.7	95.0	103.2
1994	3782	103.9	102.1	102.5	103.5	103.0	103.4	95.1	103.3
1995	2930	103.5	102.2	102.3	103.4	102.7	103.2	95.4	103.1
1996	1255	103.3	102.1	102.1	103.2	102.5	103.0	95.5	102.9
1997	581	102.6	102.0	101.6	102.9	101.8	102.4	95.9	102.5
1998	414	103.0	102.0	102.0	103.0	102.2	102.7	95.8	102.7
1999	364	103.0	102.2	102.2	103.3	102.4	102.8	96.2	103.0
2000	318	103.1	102.4	102.4	103.6	102.6	102.9	96.1	103.2
2001	308	103.0	102.5	102.5	103.7	102.7	103.0	96.6	103.3
2002	240	103.1	102.4	102.5	103.6	102.8	103.1	96.4	103.3
2003	186	102.9	102.6	102.5	103.6	102.6	102.8	96.7	103.3
2004	232	103.2	102.4	102.6	103.7	102.8	102.7	96.6	103.3
2005	270	103.1	102.3	102.5	103.5	102.8	102.6	96.7	103.2
2006	289	102.8	102.3	102.3	103.3	102.5	102.4	96.7	103.0
2007	313	103.2	102.0	102.6	103.3	102.7	102.5	96.2	103.2
2008	307	103.3	101.5	102.4	102.8	102.7	102.3	95.3	102.8
2009	342	102.6	101.4	101.8	102.3	102.0	101.8	95.6	102.2
2010	357	103.1	101.3	102.2	102.5	102.6	102.2	95.8	102.5
2011	365	103.1	101.1	102.0	102.2	102.4	102.1	95.4	102.3
2012	359	103.1	101.5	102.3	102.6	102.6	102.1	95.6	102.6
2013	373	103.2	101.7	102.5	102.9	102.8	102.2	95.8	102.9
2014	350	103.0	101.8	102.4	103.0	102.6	102.4	96.2	102.9
2015	304	102.8	102.0	102.3	103.0	102.5	102.2	96.3	102.9
2016	200	103.2	101.8	102.5	103.1	102.7	102.5	96.2	103.0

Tabel: 166 Witrood: Gebruikskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	25	95.2	0.0	98.6	102.8	104.2
1981	97	94.9	3.2	96.3	101.0	102.8
1982	144	96.2	1.4	98.4	103.4	105.0
1983	108	94.7	1.9	98.9	104.2	105.9
1984	88	95.2	12.6	98.1	102.7	105.0
1985	195	94.9	38.1	98.0	102.3	105.1
1986	271	96.0	33.8	97.5	101.7	104.7
1987	474	96.0	52.0	97.2	101.4	104.5
1988	664	95.0	44.4	97.1	101.1	104.4
1989	754	95.3	39.3	96.9	101.1	104.5
1990	1112	95.4	55.5	97.4	101.5	104.5
1991	1297	96.4	65.3	97.5	101.6	104.4
1992	1291	95.9	66.6	97.6	101.7	104.6
1993	1251	96.1	66.1	97.1	101.1	104.2
1994	1046	97.0	89.0	97.3	101.1	104.0
1995	746	97.1	97.8	97.4	101.2	103.8
1996	235	96.2	94.2	97.4	101.1	103.7
1997	87	96.1	94.8	96.7	100.3	102.8
1998	36	97.1	98.9	96.8	100.7	102.8

1999	24	96.8	93.2	96.8	100.5	102.3
2000	23	95.5	101.3	97.1	100.8	103.0
2001	17	97.2	95.8	96.6	100.4	102.3
2005	11	98.1	102.3	96.7	99.8	102.2
2006	11	96.5	92.4	96.7	99.7	102.1

Tabel: 167 Witrood: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	540	-133.6	-399.8	-508.0	104.1	103.0	94.8	86.7	0.0
1981	613	-164.1	-428.1	-322.6	102.2	102.3	93.8	89.5	0.0
1982	668	-144.6	-421.7	-157.0	104.8	102.5	96.0	88.8	0.0
1983	499	-137.5	-437.1	-189.7	105.8	102.7	94.7	89.7	0.0
1984	492	-141.4	-455.2	-162.2	104.5	103.0	95.7	91.5	0.0
1985	777	-150.7	-443.1	-181.2	104.4	102.9	95.6	91.9	97.0
1986	1200	-147.3	-445.5	-18.7	103.9	102.8	96.4	92.8	0.0
1987	2324	-152.1	-434.7	-24.1	103.5	103.0	96.2	92.7	0.0
1988	3293	-160.3	-425.1	1.7	103.3	102.8	95.9	92.2	0.0
1989	3395	-165.9	-446.5	47.8	103.4	102.8	96.2	92.1	0.0
1990	3794	-158.0	-425.4	51.1	103.6	103.2	96.2	92.4	97.0
1991	4290	-149.3	-404.4	38.6	103.6	103.5	96.2	92.7	101.0
1992	4192	-146.4	-395.6	53.6	103.7	103.3	96.0	92.7	100.0
1993	4077	-146.9	-377.0	47.5	103.3	103.2	96.1	92.4	98.0
1994	3695	-141.8	-366.5	10.1	103.1	103.3	96.6	92.7	0.0
1995	2870	-129.2	-333.8	-0.8	103.0	103.1	96.8	93.2	0.0
1996	1222	-134.2	-330.9	-32.1	102.9	102.9	96.4	92.8	0.0
1997	569	-140.1	-314.3	-42.6	102.0	102.5	96.6	91.7	0.0
1998	403	-130.8	-301.9	-75.4	102.1	102.7	95.9	92.3	0.0
1999	359	-130.4	-279.8	-111.8	101.7	103.0	96.8	92.8	0.0
2000	304	-120.5	-275.7	-116.3	102.2	103.2	96.9	92.8	0.0
2001	292	-119.1	-251.9	-149.6	101.7	103.3	97.3	93.8	0.0
2002	226	-133.2	-263.1	-229.8	101.2	103.3	96.8	94.8	0.0
2003	169	-123.0	-250.7	-225.5	101.4	103.3	98.3	93.2	0.0
2004	209	-121.7	-253.3	-222.9	101.4	103.3	97.3	93.8	0.0
2005	241	-127.2	-266.6	-219.2	101.3	103.2	96.5	94.9	0.0
2006	246	-119.6	-245.5	-192.5	101.2	103.0	98.2	94.0	0.0
2007	252	-123.6	-249.6	-156.1	100.8	103.2	98.0	95.8	0.0
2008	236	-115.7	-249.4	-114.1	101.1	102.8	98.5	92.2	0.0
2009	251	-100.3	-225.8	-74.5	101.2	102.2	98.3	93.0	0.0
2010	236	-93.4	-222.8	-62.0	101.7	102.5	96.0	91.0	0.0
2011	241	-102.8	-236.7	-97.2	101.8	102.3	97.4	93.6	0.0
2012	243	-96.8	-228.9	-105.7	102.0	102.6	0.0	0.0	0.0
2013	264	-97.8	-246.1	-104.6	101.8	102.9	0.0	0.0	0.0
2014	268	-104.8	-240.4	-143.6	100.7	102.9	96.0	89.0	0.0
2015	246	-104.7	-246.0	-153.6	101.1	102.9	0.0	0.0	0.0
2016	161	-101.5	-252.0	-112.6	101.3	103.0	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	256	91.5	103.9	114.1	48.4	48.2	50.4
1981	501	90.3	103.7	115.7	83.7	80.6	83.4
1982	677	91.8	103.9	114.5	92.4	90.3	93.8
1983	525	91.7	105.0	114.9	97.4	94.5	99.2

1984	557	89.7	104.6	117.0	100.2	95.9	99.9
1985	929	88.7	106.0	118.3	98.9	93.7	99.3
1986	1314	88.8	105.7	118.1	99.2	93.9	98.5
1987	2245	88.6	105.7	118.4	100.8	95.6	101.4
1988	3355	88.3	105.9	118.7	99.6	95.8	102.0
1989	3909	89.0	105.4	117.8	100.0	95.8	101.5
1990	4447	89.0	105.4	117.9	100.7	95.9	101.7
1991	4892	89.0	105.4	118.2	101.7	95.8	100.7
1992	4608	88.1	105.5	118.9	101.5	96.0	101.6
1993	4055	88.9	105.2	118.0	100.3	96.2	101.9
1994	2318	88.2	105.1	118.6	101.5	95.5	100.4
1995	1467	89.4	104.9	117.4	101.3	95.3	100.2
1996	540	89.0	104.3	117.7	100.4	95.6	101.0
1997	209	87.4	104.6	119.2	97.0	93.4	98.8
1998	113	89.0	104.5	117.8	94.7	90.0	94.2
1999	110	89.0	104.6	117.9	100.2	94.5	99.4
2000	102	89.0	104.2	118.0	96.8	88.9	93.1
2001	92	89.5	104.2	117.5	100.5	93.4	97.3
2002	81	89.2	104.8	117.6	97.9	92.3	96.4
2003	79	89.8	104.0	117.1	99.3	93.1	96.9
2004	114	88.2	103.7	118.9	102.1	94.0	99.9
2005	120	88.5	104.6	118.3	103.2	96.0	100.7
2006	90	88.8	103.9	118.2	102.4	94.8	99.7
2007	167	88.0	104.5	118.8	100.9	93.9	97.6
2008	101	88.7	104.6	118.2	103.0	94.8	98.7
2009	143	88.2	105.4	118.9	95.3	88.4	92.3
2010	151	89.2	105.0	117.9	94.4	86.4	90.4
2011	164	89.1	105.4	117.9	98.5	89.7	94.0
2012	167	87.9	105.5	119.0	97.9	90.2	94.6
2013	169	89.0	104.8	118.0	95.8	87.7	91.9
2014	151	88.3	104.5	118.5	101.2	93.5	97.8
2015	142	88.6	104.3	118.2	102.5	94.7	99.8
2016	143	88.5	104.8	118.2	101.5	94.2	98.7
2017	141	88.7	104.4	118.1	84.6	78.7	83.5
2018	144	88.5	104.4	118.1	85.2	79.2	83.4
2019	21	88.6	105.0	118.1	73.3	68.9	72.2

Tabel: 169 Witrood: Vleeskenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Vlin	Be_ko	Ve_ko	Gw_ko	Be_ka	Ve_ka	Gr_ka	Vlkl	Be_st	Ve_st	Gr_st
1995	23	100.7	105.9	97.5	109.4	100.1	107.4	100.1	102.0	97.0	105.1	91.0
1999	23	99.7	106.0	96.9	107.8	101.0	106.8	99.3	100.7	99.1	105.3	89.3
2000	52	99.7	105.0	97.3	108.8	99.5	107.1	99.4	101.3	97.1	105.0	90.3
2001	51	99.5	103.9	97.8	108.0	98.9	107.4	99.5	101.5	95.8	104.9	89.8
2002	56	99.5	103.8	98.1	107.7	99.4	107.3	99.3	101.6	96.2	105.4	88.8
2003	71	99.4	104.3	97.7	108.5	98.8	107.1	99.2	101.5	96.7	105.6	89.9
2004	109	101.0	105.6	98.0	108.7	101.2	106.7	100.3	102.0	98.7	105.3	90.9
2005	145	100.4	104.9	98.2	108.1	101.1	106.6	99.8	101.6	98.7	105.4	90.2
2006	149	100.2	105.0	98.2	108.3	100.7	106.7	99.6	101.8	98.8	105.7	90.4
2007	183	99.5	104.1	98.4	108.4	99.3	106.6	99.3	101.5	97.0	105.6	89.7
2008	201	99.9	103.5	99.2	107.6	99.6	106.2	99.9	101.2	96.8	105.3	89.9
2009	233	99.5	104.2	99.0	107.8	99.7	106.2	99.4	101.0	97.2	105.5	89.4
2010	222	98.6	102.6	99.1	106.4	98.9	106.0	98.5	100.9	96.9	105.3	88.5
2011	188	98.7	102.7	99.0	106.8	98.6	105.9	98.8	100.9	96.9	105.3	89.0
2012	176	98.5	102.8	99.5	106.5	98.8	106.1	98.4	100.9	96.9	105.5	88.4
2013	135	98.4	103.7	99.3	107.1	98.8	106.5	98.3	100.9	96.9	105.7	88.6
2014	85	98.6	104.6	99.7	107.7	99.3	106.9	98.3	100.9	97.4	106.3	88.3
2015	23	99.0	105.0	99.8	107.3	100.0	107.1	98.5	101.2	97.4	106.2	88.4

Tabel: 170 Witrood: Levensproductiekenmerken
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	289	-2154.2	-6965.1	-382.2	-306.8
2002	225	-2624.6	-9000.3	-463.9	-372.6
2003	169	-2587.0	-8661.6	-462.2	-364.2
2004	209	-2573.5	-8717.1	-458.9	-362.5
2005	240	-2582.3	-8706.9	-463.8	-362.4
2006	244	-2375.4	-7819.4	-428.1	-333.2
2007	252	-2197.1	-6963.1	-402.5	-305.9
2008	236	-1965.0	-5972.9	-361.6	-273.5
2009	247	-1675.8	-4849.8	-313.4	-231.6
2010	236	-1576.3	-4396.6	-299.2	-216.2
2011	241	-1833.7	-5535.1	-341.3	-253.5
2012	243	-1848.7	-5620.6	-342.9	-256.0
2013	264	-1915.3	-5898.0	-354.2	-265.6
2014	268	-2096.0	-6554.9	-386.4	-290.9
2015	246	-2174.9	-6929.9	-397.6	-302.9
2016	162	-1977.2	-6082.1	-362.8	-275.4

Tabel: 171 Witrood: Overige productie en efficiency kenm.
 Basis: Dubbeldoel
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	593	100.5	96.3	0	0.0	0	0.0
1981	651	99.0	94.5	0	0.0	0	0.0
1982	685	99.6	94.2	0	0.0	0	0.0
1983	500	99.0	94.4	0	0.0	0	0.0
1984	492	98.5	94.4	0	0.0	0	0.0
1985	777	98.7	94.8	777	-3.8	0	0.0
1986	1200	98.1	94.8	1200	-3.6	0	0.0
1987	2324	97.4	94.8	2324	-3.4	0	0.0
1988	3293	97.4	94.7	3293	-3.5	0	0.0
1989	3395	97.4	94.9	3396	-3.7	0	0.0
1990	3794	97.5	95.4	3794	-3.4	0	0.0
1991	4290	97.6	95.7	4290	-3.2	0	0.0
1992	4192	97.2	95.4	4192	-3.1	0	0.0
1993	4077	97.3	95.7	4078	-3.0	0	0.0
1994	3695	97.2	96.0	3696	-2.8	0	0.0
1995	2870	97.4	96.0	2871	-2.5	0	0.0
1996	1222	97.6	95.6	1223	-2.4	0	0.0
1997	569	97.6	96.0	569	-2.3	0	0.0
1998	403	97.6	95.5	403	-2.2	0	0.0
1999	359	97.6	95.4	359	-2.0	0	0.0
2000	304	97.7	95.9	304	-1.9	0	0.0
2001	292	97.9	95.8	292	-1.7	19	99.7
2002	226	97.6	96.0	226	-1.7	9	101.7
2003	169	97.8	96.0	169	-1.6	9	97.3
2004	209	97.9	95.7	209	-1.6	6	98.8
2005	241	98.4	96.1	241	-1.7	11	100.4
2006	246	98.4	96.2	246	-1.5	12	100.6
2007	252	99.1	96.1	252	-1.5	5	101.4
2008	236	99.7	96.6	236	-1.6	6	99.3
2009	251	99.4	96.2	251	-1.4	6	100.2
2010	236	99.1	96.2	236	-1.5	2	98.5

2011	241	99.2	96.4	241	-1.5	5	100.6
2012	243	99.7	96.9	243	-1.5	0	0.0
2013	264	99.3	96.1	264	-1.6	0	0.0
2014	268	98.7	95.7	268	-1.5	1	99.0
2015	246	98.5	95.1	246	-1.6	0	0.0
2016	161	98.3	95.1	161	-1.8	0	0.0

Tabel: 172 Witblauw: Melkproductiekenmerken
Basis: Belgisch witblauw
Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	138	-2242.2	-106.4	-85.0	-111.9	-14.8	-4.7	-21.1	-605.6
1981	99	-2136.1	-103.2	-82.8	-107.1	-18.7	-9.1	-20.6	-588.5
1982	86	-2337.8	-112.3	-89.5	-116.3	-20.1	-7.6	-21.5	-637.6
1983	109	-2229.9	-109.6	-87.4	-111.3	-24.1	-11.6	-21.0	-621.8
1984	99	-2326.6	-112.0	-90.0	-115.7	-20.4	-9.8	-21.5	-639.0
1985	107	-2321.1	-113.3	-90.4	-115.5	-24.4	-11.2	-21.5	-643.3
1986	120	-2397.6	-117.1	-92.3	-119.0	-25.9	-9.2	-21.9	-660.3
1987	117	-2352.4	-116.2	-91.2	-116.9	-27.8	-10.1	-21.5	-653.1
1988	119	-2410.7	-120.1	-94.2	-119.6	-31.5	-12.7	-21.9	-674.3
1989	119	-2259.5	-114.6	-88.5	-112.7	-33.4	-12.1	-21.1	-637.3
1990	101	-2064.7	-107.6	-82.4	-103.8	-35.9	-13.7	-20.5	-595.2
1991	63	-2192.3	-111.3	-86.0	-109.6	-32.5	-11.7	-20.8	-619.2
1992	32	-2137.2	-106.5	-84.7	-107.1	-26.2	-13.2	-20.6	-603.1
1993	37	-2074.2	-107.4	-82.1	-104.2	-34.2	-12.1	-20.4	-593.3
1994	38	-2000.4	-106.4	-79.6	-100.8	-38.7	-12.0	-20.2	-579.9
1995	43	-1936.2	-103.4	-77.2	-98.0	-38.3	-12.3	-20.0	-563.3
1996	27	-1945.8	-105.8	-78.1	-98.4	-42.4	-13.3	-20.3	-572.2
1997	40	-1826.6	-99.7	-75.2	-93.0	-40.0	-17.0	-19.6	-545.7
1998	27	-1756.1	-98.3	-72.5	-89.7	-43.1	-15.9	-19.2	-530.7
1999	26	-1655.2	-95.9	-68.8	-85.1	-46.5	-15.7	-18.8	-509.1
2000	19	-1604.3	-95.7	-69.1	-82.8	-50.2	-20.5	-18.9	-509.0
2001	15	-1564.1	-91.7	-65.9	-81.0	-47.0	-16.4	-18.7	-487.1
2002	12	-1545.3	-87.7	-64.9	-77.3	-39.8	-16.0	-11.3	-473.5
2004	15	-1460.2	-83.9	-61.9	-69.6	-39.1	-15.7	-2.7	-451.0

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1989	20	108.1	93.7	105.2	113.7	87.8	93.0	98.0
1990	17	109.4	94.1	106.0	114.7	88.1	93.8	98.4
1991	17	108.1	93.8	105.2	113.8	87.9	93.3	98.3
1994	15	107.8	93.8	104.8	113.3	87.9	93.3	98.4
1995	18	107.8	93.6	105.1	113.7	87.7	93.3	97.8
1997	14	108.3	94.1	105.1	113.7	88.4	94.6	98.9
1998	15	108.3	93.7	105.5	114.0	87.6	94.1	98.1
1999	13	108.9	93.8	105.7	115.0	87.2	93.3	98.8
2000	12	109.3	94.2	106.5	115.3	87.5	92.9	99.4
2001	12	108.3	94.1	105.2	114.5	87.5	92.2	98.9

Tabel: 174 Witblauw: Exterieurkenmerken beenwerk
Basis: Belgisch witblauw

Land: VL

Jaar	Aantal	BA	BZ	KH	BG
1989	20	99.4	102.3	93.5	100.2
1990	17	100.0	102.7	94.1	100.8
1991	17	99.7	102.6	93.6	100.5
1994	15	98.5	103.1	92.7	99.5
1995	18	99.1	102.9	93.2	100.0
1997	14	98.6	102.8	93.9	99.6
1998	15	98.6	103.1	92.7	99.5
1999	13	99.8	102.3	93.2	101.0
2000	12	99.2	103.0	93.2	99.9
2001	12	99.0	102.2	92.9	100.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1989	20	108.9	106.3	99.6	108.3	111.3	106.0	104.8
1990	17	109.8	107.1	99.8	108.8	112.1	106.6	105.5
1991	17	108.6	106.1	100.1	107.8	111.5	106.1	104.9
1994	15	108.4	105.5	100.0	107.5	111.4	105.4	104.5
1995	18	108.9	106.4	98.9	108.0	111.4	106.3	105.2
1997	14	109.6	106.3	99.3	108.7	112.1	106.1	105.1
1998	15	108.6	106.4	99.8	107.7	111.4	105.8	104.9
1999	13	110.4	107.3	98.5	109.2	113.3	106.5	105.5
2000	12	109.5	107.4	98.5	108.3	112.5	106.6	105.8
2001	12	109.4	106.3	99.1	108.2	112.4	105.8	105.1

Tabel: 176 Witblauw: Exterieurkenmerken bovenbalk
Basis: Belgisch witblauw
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1989	20	94.5	99.8	111.5	99.0	93.5	103.8
1990	17	95.4	100.5	112.3	99.8	93.5	105.2
1991	17	94.8	99.9	111.2	99.4	93.2	104.1
1994	15	94.9	99.7	110.9	98.0	93.5	103.2
1995	18	94.5	99.7	111.4	98.7	93.1	103.7
1997	14	95.9	100.2	112.1	98.4	94.0	104.5
1998	15	95.3	99.8	111.1	98.0	93.3	103.4
1999	13	95.4	100.2	113.2	99.7	92.6	105.5
2000	12	95.3	100.7	112.2	98.8	93.1	104.6
2001	12	94.8	100.2	112.0	98.7	92.8	104.1

Tabel: 177 Witblauw: Vruchtbaarheidskenmerken
Basis: Belgisch witblauw
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	160	97.7	103.8	100.0	102.5	98.6	100.6	118.2	101.3
1981	143	97.4	103.5	99.5	102.1	98.2	100.6	117.8	100.9
1982	121	97.0	103.5	99.0	101.8	97.7	100.1	116.8	100.5

1983	199	96.8	103.3	98.7	101.6	97.5	100.3	116.5	100.2
1984	240	96.7	103.3	98.9	101.6	97.5	99.7	116.1	100.3
1985	284	96.8	103.2	98.9	101.7	97.6	100.0	116.3	100.3
1986	415	97.0	103.3	99.0	101.8	97.8	100.2	116.1	100.5
1987	612	97.8	102.2	99.5	101.2	98.4	101.3	116.4	100.4
1988	821	97.6	102.2	99.4	101.1	98.2	101.2	116.4	100.3
1989	1248	97.3	102.8	99.7	101.6	98.3	100.6	116.4	100.7
1990	1701	97.5	102.3	99.2	101.3	98.3	101.0	115.4	100.3
1991	2129	97.1	102.1	99.0	100.9	98.0	100.4	114.5	100.0
1992	2562	97.0	101.9	98.9	100.7	97.9	100.2	113.1	99.8
1993	2723	96.9	101.8	98.8	100.6	97.8	99.7	113.0	99.7
1994	3186	96.9	101.5	98.7	100.4	97.8	99.5	111.1	99.5
1995	3449	96.9	101.3	98.7	100.2	97.8	99.3	110.6	99.4
1996	3491	97.2	101.1	98.8	100.2	98.0	99.1	109.5	99.5
1997	3472	97.1	101.1	98.7	100.1	98.0	99.0	109.0	99.4
1998	3752	97.2	101.0	98.9	100.2	98.1	98.8	107.8	99.5
1999	4200	97.2	101.0	98.8	100.1	98.1	98.7	107.0	99.4
2000	4302	97.3	100.8	98.9	100.0	98.3	98.7	105.8	99.4
2001	4019	97.4	100.7	98.9	99.9	98.4	98.5	104.5	99.3
2002	4210	97.6	100.7	99.1	100.0	98.7	98.7	103.9	99.5
2003	4447	97.9	100.6	99.2	100.0	98.9	98.8	103.1	99.6
2004	4843	97.9	100.5	99.2	99.9	98.9	98.7	102.4	99.5
2005	4804	98.2	100.5	99.4	100.0	99.2	98.8	101.4	99.7
2006	4939	98.3	100.2	99.3	99.8	99.2	98.8	100.5	99.5
2007	5041	98.6	100.1	99.4	99.7	99.4	99.0	99.6	99.5
2008	6436	99.1	100.2	99.9	100.1	99.9	99.4	101.1	100.0
2009	5846	99.1	100.1	99.8	99.9	100.0	99.9	101.6	99.9
2010	5457	99.2	99.8	99.8	99.8	100.0	100.2	100.8	99.8
2011	5388	99.9	99.6	100.2	99.9	100.7	100.9	100.4	100.1
2012	5321	100.4	99.4	100.5	99.9	101.1	101.2	100.3	100.2
2013	5189	100.5	99.2	100.4	99.7	101.1	101.4	100.3	100.1
2014	5441	100.8	99.0	100.6	99.7	101.3	101.7	100.6	100.1
2015	4821	101.0	98.9	100.6	99.6	101.5	101.9	100.3	100.1
2016	3384	101.0	98.7	100.6	99.6	101.5	102.1	100.5	100.1
2017	194	101.1	98.7	100.6	99.6	101.6	101.9	100.0	100.1

Tabel: 178 Witblauw: NVI met onderliggende kenmerken
 Basis: Belgisch witblauw
 Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	127	-204.2	-605.6	-306.0	102.8	101.3	0.0	0.0	0.0
1981	87	-198.6	-588.5	0.0	103.1	100.9	109.0	96.0	0.0
1982	81	-217.1	-637.6	-306.0	103.6	100.5	0.0	0.0	0.0
1983	103	-215.0	-621.8	0.0	103.1	100.2	111.0	101.0	0.0
1984	94	-220.2	-639.0	-306.0	103.7	100.3	0.0	0.0	0.0
1985	104	-220.8	-643.3	0.0	103.4	100.3	0.0	0.0	0.0
1986	119	-218.8	-660.3	0.0	103.1	100.5	109.5	98.5	0.0
1987	115	-207.3	-653.1	0.0	103.6	100.4	111.4	99.2	0.0
1988	114	-222.1	-674.3	13.5	103.9	100.3	111.8	99.4	94.5
1989	117	-182.0	-637.3	-139.0	103.7	100.7	111.5	99.0	0.0
1990	97	-177.6	-595.2	93.0	103.9	100.3	112.3	99.8	0.0
1991	61	-178.9	-619.2	118.0	103.5	100.0	111.2	99.4	0.0
1992	32	-174.3	-603.1	164.0	103.9	99.8	111.3	98.0	93.0
1993	36	-185.1	-593.3	133.0	103.8	99.7	110.8	98.0	0.0
1994	36	-182.5	-579.9	283.0	103.5	99.5	110.9	98.0	0.0
1995	40	-173.9	-563.3	218.7	103.9	99.4	111.4	98.7	93.0
1996	24	-193.3	-572.2	178.0	103.7	99.5	110.6	97.7	97.0
1997	38	-176.0	-545.7	214.0	103.8	99.4	112.1	98.4	0.0
1998	25	-165.2	-530.7	118.0	103.5	99.5	111.1	98.0	0.0
1999	25	-161.8	-509.1	114.3	103.4	99.4	113.2	99.7	0.0

2000	17	-180.1	-509.0	193.3	103.5	99.4	112.2	98.8	0.0
2001	14	-157.6	-487.1	167.1	103.3	99.3	112.0	98.7	0.0
2002	11	-188.6	-473.5	210.9	103.1	99.5	112.8	99.2	0.0
2004	15	-166.4	-451.0	215.0	102.9	99.5	112.2	99.8	95.0

Tabel: 179 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	91.2	0.0
1988	26	90.5	3.7	90.5	3.7	90.2	3.7
1989	35	90.3	0.0	90.3	0.0	90.6	0.0
1990	40	90.7	0.0	90.7	0.0	91.2	0.0
1991	32	90.9	0.0	90.9	0.0	90.5	0.0
1992	45	90.8	0.0	90.8	0.0	91.0	0.0
1993	28	90.8	0.0	90.8	0.0	91.0	0.0
1994	52	91.2	0.0	91.2	0.0	91.2	0.0
1995	40	91.2	2.4	91.2	2.4	91.5	2.4
1996	36	91.1	0.0	91.1	0.0	91.1	0.0
1997	31	91.5	0.0	91.5	0.0	92.0	0.0
1998	31	91.4	0.0	91.4	0.0	91.9	0.0
1999	41	91.1	0.0	91.1	0.0	91.6	0.0
2000	64	91.3	0.0	91.3	0.0	91.8	0.0
2001	41	91.3	0.0	91.3	0.0	91.7	0.0
2002	26	91.0	0.0	91.0	0.0	91.3	0.0
2003	26	91.0	0.0	91.0	0.0	91.0	0.0
2004	29	91.1	0.0	91.1	0.0	92.0	0.0
2005	20	92.0	0.0	92.0	0.0	92.0	0.0
2006	25	92.4	0.0	92.4	0.0	92.7	0.0
2007	18	92.8	5.3	92.8	5.3	93.4	5.3
2008	10	91.9	0.0	91.9	0.0	92.3	0.0
2009	15	92.9	6.3	92.9	6.3	93.9	6.4
2010	19	91.1	0.0	91.1	0.0	91.5	0.0
2011	17	91.6	0.0	91.6	0.0	92.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	23	101.3	101.5	100.3	4.3	4.5	4.5
1981	25	102.2	101.7	99.2	11.8	12.6	12.8
1982	27	104.4	100.9	97.3	15.0	15.3	15.8
1983	42	103.7	101.3	97.6	38.3	38.7	39.4
1984	50	104.7	101.0	96.9	40.3	40.5	41.5
1985	62	103.9	100.9	97.5	27.5	27.7	28.5
1986	89	105.3	101.1	96.1	36.4	36.7	37.9
1987	129	103.4	101.4	98.0	56.4	56.7	57.7
1988	175	103.4	101.4	97.9	71.9	72.9	74.7
1989	235	104.1	100.9	97.1	75.0	76.5	78.0
1990	330	104.3	100.8	96.9	66.6	67.7	68.9
1991	323	104.6	100.7	96.6	66.6	68.0	69.5
1992	430	104.1	100.7	97.1	67.4	68.7	70.1
1993	424	104.0	100.6	97.2	66.1	67.7	69.4
1994	523	103.6	100.5	97.5	76.3	78.5	80.5
1995	557	103.7	100.4	97.4	73.1	74.6	76.7
1996	615	103.5	100.1	97.7	74.8	76.4	78.4

1997	687	103.3	100.2	97.8	75.2	77.0	79.2
1998	814	103.6	99.8	97.6	82.0	83.7	85.8
1999	900	103.0	99.9	98.0	85.2	86.7	88.6
2000	1086	102.9	99.9	98.2	87.5	89.2	91.1
2001	1020	102.7	99.9	98.4	87.2	88.3	89.7
2002	1262	102.5	100.1	98.6	89.3	90.4	91.6
2003	1293	102.2	100.1	98.9	91.0	92.0	93.7
2004	1653	101.9	100.0	99.2	90.5	91.4	93.3
2005	1801	101.9	99.8	99.2	93.8	95.1	97.1
2006	2231	101.2	99.9	99.9	96.3	96.9	98.9
2007	2546	100.6	100.2	100.6	97.4	97.7	99.9
2008	2818	101.7	99.9	99.4	98.3	99.3	102.1
2009	3327	100.9	100.0	100.1	98.4	99.4	101.9
2010	3761	100.7	100.1	100.1	98.5	99.6	102.1
2011	4004	100.0	100.2	101.1	98.9	99.5	101.7
2012	3918	99.4	100.4	101.9	99.5	99.5	102.2
2013	3484	99.1	100.7	102.4	99.9	99.9	103.7
2014	3474	98.5	100.9	103.5	100.1	99.7	104.1
2015	3302	97.9	101.0	104.2	100.5	99.6	104.4
2016	3267	97.4	101.2	104.8	100.5	99.6	104.3
2017	2808	96.9	101.1	105.3	99.1	97.9	102.3
2018	2718	96.9	100.9	105.3	96.6	95.1	99.2
2019	396	97.0	100.9	105.4	91.8	90.4	94.3

Tabel: 181 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	95.0	90.5	98.0	96.0	94.1	99.9	100.5	97.5	94.7	100.0	98.9
1981	16	92.9	89.8	97.2	97.5	89.8	101.8	98.6	97.2	93.8	100.1	101.9
1982	13	95.1	91.7	98.1	98.0	93.8	100.9	99.7	99.5	94.5	100.2	98.8
1983	33	93.5	87.5	97.6	94.1	91.9	99.9	99.0	97.5	93.4	99.8	97.5
1984	42	92.7	84.4	97.2	93.3	90.1	100.1	99.0	96.9	91.5	98.7	99.0
1985	50	92.9	85.9	97.4	94.1	90.3	100.4	99.1	97.0	92.4	99.1	99.5
1986	75	93.4	83.6	97.0	92.3	90.7	99.5	99.5	97.4	91.9	98.3	98.3
1987	134	94.2	88.2	97.6	95.5	92.8	101.0	99.4	98.1	94.2	100.1	99.5
1988	193	94.6	88.4	97.5	95.5	92.8	100.6	99.8	98.0	94.5	100.0	100.1
1989	274	94.7	88.8	97.5	95.9	92.7	100.3	99.8	98.8	94.1	100.0	98.7
1990	374	94.4	88.8	97.7	95.6	92.6	100.4	98.9	100.1	94.1	100.1	97.2
1991	406	94.7	89.1	97.7	95.7	92.7	99.7	99.6	99.6	94.2	100.0	97.5
1992	583	95.0	90.7	98.0	96.2	93.4	99.7	99.7	99.6	95.2	100.1	97.3
1993	655	95.6	91.4	98.1	96.4	94.4	99.5	100.1	99.6	95.8	100.1	97.6
1994	904	95.9	91.8	98.3	97.0	94.2	99.7	100.3	100.2	95.7	100.3	97.5
1995	1123	95.8	91.8	98.5	96.8	94.3	99.8	100.2	100.1	95.9	100.4	97.4
1996	1256	96.1	92.8	98.6	97.6	94.7	100.1	100.3	100.4	96.2	100.6	97.8
1997	1389	96.4	93.3	98.6	97.5	95.0	99.9	100.4	100.6	96.8	100.6	97.7
1998	1839	96.1	93.8	98.8	97.7	95.1	100.0	100.0	100.6	97.0	100.6	97.4
1999	2401	96.2	94.4	98.9	97.9	95.6	100.0	100.0	100.5	97.3	100.7	97.1
2000	2946	96.6	95.3	99.2	98.1	96.4	99.9	100.3	100.6	97.9	100.9	97.0
2001	3193	96.8	95.8	99.5	98.1	96.8	100.0	100.2	100.9	98.2	101.0	96.9
2002	3802	96.5	96.2	99.7	98.2	96.8	100.1	99.9	100.8	98.4	101.1	96.6
2003	4268	96.8	96.7	99.9	98.3	97.1	100.2	100.0	101.1	98.8	101.2	96.7
2004	4696	96.8	97.1	100.1	98.3	97.4	100.2	99.9	101.1	99.1	101.2	97.0
2005	4750	96.8	97.6	100.4	98.5	97.5	100.2	99.9	100.9	99.4	101.3	97.0
2006	4916	96.9	98.0	100.5	98.8	97.6	100.2	99.9	101.0	99.6	101.4	96.9
2007	4961	96.8	98.5	100.7	99.0	97.4	100.2	99.9	101.0	99.8	101.4	96.9
2008	6249	95.7	97.0	100.7	97.9	94.5	99.0	99.5	100.6	98.9	101.2	96.2
2009	5679	95.4	97.9	100.9	98.9	93.8	99.7	99.0	100.6	99.7	101.4	97.1
2010	5357	96.0	99.0	101.1	99.4	95.1	99.9	99.4	100.8	100.1	101.4	97.8
2011	5055	95.8	99.2	101.4	99.3	94.3	99.8	99.1	101.0	100.2	101.3	97.6

2012	4767	95.5	99.2	101.6	99.1	93.9	99.9	98.9	101.1	100.4	101.4	97.5
2013	4073	95.3	99.3	101.9	99.1	93.4	99.8	98.7	101.1	100.4	101.3	97.4
2014	3051	95.0	98.8	102.1	98.7	92.5	99.5	98.5	101.1	100.4	101.2	97.4
2015	1143	94.7	98.4	102.6	97.7	92.7	99.5	98.1	101.1	100.4	101.3	96.6
2016	96	94.7	98.1	103.7	96.4	93.7	99.6	97.8	101.1	100.7	101.6	95.9

Tabel: 182 Witblauw: Overige productie en efficiency kenm.

Basis: Belgisch witblauw

Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	138	100.5	93.7	0	0.0	0	0.0
1981	99	100.2	94.0	0	0.0	0	0.0
1982	86	100.8	94.5	0	0.0	0	0.0
1983	108	101.4	94.3	0	0.0	0	0.0
1984	99	100.8	94.7	0	0.0	0	0.0
1985	107	101.1	94.3	0	0.0	0	0.0
1986	120	100.9	95.1	0	0.0	0	0.0
1987	117	100.6	96.4	0	0.0	0	0.0
1988	119	100.3	96.3	0	0.0	0	0.0
1989	119	100.4	96.9	0	0.0	0	0.0
1990	101	100.5	98.1	0	0.0	0	0.0
1991	63	100.3	98.2	0	0.0	0	0.0
1992	32	101.2	98.1	0	0.0	0	0.0
1993	37	100.2	98.5	0	0.0	0	0.0
1994	38	100.7	98.2	0	0.0	0	0.0
1995	43	100.6	98.6	0	0.0	0	0.0
1996	27	100.4	98.7	0	0.0	0	0.0
1997	40	100.5	97.4	0	0.0	0	0.0
1998	27	99.9	98.0	0	0.0	0	0.0
1999	26	100.3	98.3	0	0.0	0	0.0
2000	19	100.4	97.8	0	0.0	0	0.0
2001	15	99.7	98.7	0	0.0	0	0.0
2002	12	99.4	97.2	0	0.0	0	0.0
2004	15	99.3	96.5	0	0.0	0	0.0

Tabel: 183 Fleck Vies: Melkproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1987	16	57.9	-6.1	-8.0	-7.0	-13.4	-15.5	-15.0	-47.8
1990	26	320.7	2.8	0.6	5.0	-15.5	-15.6	-14.7	9.7
1991	17	218.2	1.5	-4.3	0.4	-11.6	-18.5	-14.8	-14.3
1992	21	282.3	1.4	-4.3	3.1	-15.4	-21.6	-14.7	-13.8
1993	29	331.9	1.2	-2.7	5.6	-19.2	-21.6	-14.7	-6.7
1994	33	424.5	6.4	1.2	9.7	-17.9	-20.9	-14.5	21.4
1995	47	360.8	13.2	2.4	6.8	-3.9	-15.8	-14.6	39.5
1996	37	172.1	2.4	-4.7	-1.8	-7.2	-16.6	-14.9	-14.8
1997	44	396.7	6.1	0.4	8.4	-16.3	-20.6	-14.5	16.8
1998	54	277.4	3.1	-2.2	3.1	-13.2	-18.4	-14.6	-1.4
1999	74	345.6	5.0	-0.0	6.1	-14.7	-18.7	-14.6	12.3
2000	63	234.6	2.3	-2.6	1.1	-11.6	-16.7	-14.7	-5.4
2001	85	239.5	-0.4	-1.7	1.3	-16.4	-15.7	-14.8	-7.5
2002	90	190.0	-5.4	-5.0	-1.0	-20.9	-18.1	-14.9	-32.2
2003	59	278.4	0.2	-1.1	3.2	-18.0	-16.8	-14.5	-3.3
2004	70	405.3	5.5	3.5	8.9	-18.4	-16.7	-14.4	28.6
2005	86	352.9	3.6	1.7	6.1	-17.7	-16.6	-15.1	16.3

2006	124	422.6	4.5	3.0	8.8	-20.8	-18.2	-15.8	24.7
2007	37	748.1	21.0	15.1	24.8	-16.7	-17.2	-13.5	113.6
2008	81	617.1	13.2	10.6	15.9	-20.0	-17.2	-18.1	75.8
2009	88	647.9	17.2	12.4	19.3	-16.5	-16.0	-15.0	92.9
2010	40	424.0	6.8	4.5	9.7	-17.5	-16.1	-14.6	35.3
2011	35	731.1	16.9	13.6	21.4	-21.6	-18.3	-17.4	97.6
2012	36	793.5	24.7	19.9	22.9	-14.4	-12.8	-19.2	140.4
2013	57	1072.4	32.8	25.3	36.2	-19.5	-18.6	-17.6	183.3
2014	39	1084.7	35.8	25.9	35.9	-16.1	-18.4	-19.0	192.1
2015	39	1107.1	32.5	27.8	39.1	-21.7	-16.9	-15.6	194.0
2016	36	1225.6	32.4	27.5	36.9	-28.4	-22.9	-25.7	191.8

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

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

Jaar	Aantal	H	VH	IH	OH	CS	KL	KB
1990	17	103.8	103.4	100.1	98.5	102.4	99.2	92.6
1992	13	106.4	104.2	100.9	99.0	102.8	100.6	93.5
1993	20	104.8	103.5	100.0	98.8	102.9	100.0	92.7
1994	25	103.9	104.0	99.6	97.8	103.6	100.2	91.6
1995	28	103.2	103.1	100.4	99.5	101.8	96.4	92.5
1996	19	104.6	103.9	99.8	98.4	103.8	99.3	92.1
1997	27	104.3	103.4	100.2	99.2	103.0	99.0	92.6
1998	24	102.5	101.5	99.5	99.7	100.5	96.8	92.4
1999	35	104.4	103.3	100.4	99.5	102.5	99.1	92.5
2000	18	103.8	102.4	99.1	98.8	101.9	99.7	92.8
2001	28	104.7	104.9	101.2	99.2	103.3	98.8	93.5
2002	20	104.0	104.0	100.2	98.5	103.8	99.2	92.3
2003	21	105.2	103.6	99.6	98.5	102.8	100.2	93.7
2004	17	104.4	104.3	100.4	98.8	103.5	98.8	92.9
2005	23	104.3	103.0	99.6	98.4	101.9	100.3	92.3
2006	24	104.2	103.0	100.0	98.7	101.9	99.6	93.0
2007	12	106.0	104.8	101.7	99.8	103.4	99.8	95.4
2008	20	104.0	102.5	100.0	99.5	101.9	99.5	92.2
2009	32	104.8	101.9	101.3	101.8	100.6	98.6	94.0
2013	44	105.5	102.1	101.5	101.5	101.0	98.7	94.8
2014	15	105.7	104.0	102.6	102.0	102.3	99.2	94.0
2016	16	105.2	103.2	101.4	100.8	101.6	101.1	95.4

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

Jaar	Aantal	BA	BZ	KH	BG
1990	17	99.9	94.7	105.6	99.5
1992	13	100.6	95.7	106.5	100.0
1993	20	101.5	94.5	107.2	100.8
1994	25	102.0	93.8	107.8	101.0
1995	28	99.6	95.3	104.9	99.3
1996	19	100.9	95.1	107.1	99.9
1997	27	100.8	95.4	106.3	99.9
1998	24	100.8	94.8	103.9	100.0
1999	35	101.0	95.4	105.7	100.3
2000	18	101.1	94.4	104.8	100.1
2001	28	102.0	95.5	107.1	101.5
2002	20	101.5	94.4	106.8	100.5

2003	21	100.1	95.2	105.2	99.6
2004	17	100.7	94.1	107.2	100.4
2005	23	100.0	95.5	104.6	99.7
2006	24	99.6	95.2	104.7	99.3
2007	12	102.4	96.0	106.9	102.4
2008	20	101.4	94.3	106.8	100.5
2009	32	99.7	97.2	102.9	99.2
2013	44	100.2	97.7	103.4	99.8
2014	15	101.3	96.1	104.4	101.2
2016	16	100.2	98.5	103.8	100.8

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1990	17	99.4	98.8	99.5	99.4	93.0	96.7	96.2
1992	13	98.5	99.2	99.9	99.8	92.8	97.6	96.5
1993	20	99.2	98.8	98.7	99.3	93.2	97.3	96.3
1994	25	98.8	98.6	99.0	98.4	92.5	97.0	96.2
1995	28	99.6	99.4	98.0	99.4	93.9	98.5	97.0
1996	19	100.9	100.9	98.7	100.8	93.4	98.4	97.6
1997	27	100.3	100.3	98.7	100.0	93.9	98.3	97.4
1998	24	99.1	99.8	99.3	99.1	94.6	98.7	97.2
1999	35	99.5	100.2	99.1	99.6	93.9	98.4	97.5
2000	18	98.4	99.0	99.9	99.1	93.6	98.6	97.4
2001	28	99.6	99.7	101.0	99.5	93.1	99.1	97.9
2002	20	100.3	99.8	100.5	100.1	93.3	97.5	97.0
2003	21	99.7	99.8	99.8	100.1	93.1	97.5	96.9
2004	17	100.3	100.9	100.3	99.8	93.9	98.5	97.7
2005	23	98.9	99.3	99.8	98.8	92.3	97.6	97.0
2006	24	99.1	99.1	98.8	99.0	93.0	97.2	96.7
2007	12	100.1	100.5	99.8	100.2	94.5	99.5	98.8
2008	20	99.5	98.9	99.7	98.8	93.5	97.0	96.0
2009	32	99.9	101.4	99.2	99.9	95.8	98.5	98.0
2013	44	100.5	101.3	99.1	100.7	96.7	98.9	98.3
2014	15	99.9	99.6	99.7	99.7	95.4	98.1	97.6
2016	16	101.8	103.0	97.9	101.6	96.2	100.3	101.0

Tabel: 187 Fleck Vieh: Exterieurkenmerken bovenbalk
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	F	T	U	B	Bs	Ext
1990	17	96.6	99.3	96.9	98.5	106.2	96.5
1992	13	98.3	100.2	96.8	99.7	106.8	97.6
1993	20	97.1	100.2	97.0	100.0	106.0	97.5
1994	25	96.6	99.4	96.2	100.0	107.0	97.0
1995	28	95.2	99.8	97.7	98.6	104.8	96.6
1996	19	96.4	100.1	98.4	99.7	106.8	97.9
1997	27	96.6	100.2	98.1	99.5	106.0	97.7
1998	24	94.6	99.1	97.8	99.1	104.1	96.6
1999	35	96.7	100.1	97.6	99.8	106.0	97.6
2000	18	96.5	99.4	96.9	99.0	105.6	96.7
2001	28	97.4	100.1	97.4	101.3	107.0	98.6
2002	20	96.5	100.0	97.7	99.8	107.0	97.7
2003	21	97.6	99.7	97.4	98.9	106.6	97.1
2004	17	96.9	100.2	98.1	99.4	106.8	97.7

2005	23	96.7	99.0	96.3	99.0	105.7	96.3
2006	24	96.8	99.2	96.8	98.4	105.6	96.3
2007	12	99.2	101.2	98.2	102.2	107.4	100.2
2008	20	96.2	99.8	97.1	99.6	105.2	97.0
2009	32	97.1	100.8	98.7	98.7	104.1	97.8
2013	44	97.6	101.0	99.4	99.5	104.5	98.9
2014	15	98.3	101.5	98.2	100.6	105.6	99.1
2016	16	99.6	100.9	99.8	100.9	105.8	100.4

Tabel: 188 Fleck Vieh: Vruchtbaarheidsskenmerken
Basis: Dubbeloel
Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1987	11	99.0	104.0	101.5	103.5	102.7	97.4	100.7	102.8
1990	23	98.9	105.1	102.5	104.5	102.9	98.5	101.1	103.7
1991	13	98.8	104.6	101.7	103.6	102.4	98.2	100.2	102.8
1992	20	98.5	104.5	101.5	103.7	102.5	98.2	101.2	102.8
1993	26	98.3	104.6	101.8	103.7	102.3	98.5	100.8	103.0
1994	33	98.7	104.8	102.4	104.1	102.8	98.3	100.9	103.4
1995	45	99.8	104.6	103.2	104.5	103.7	98.9	99.8	104.0
1996	34	100.1	104.7	103.3	104.8	104.1	98.7	100.3	104.2
1997	41	99.6	104.9	103.2	104.8	103.9	98.7	100.9	104.2
1998	53	99.3	104.4	102.4	104.1	102.8	98.6	100.7	103.5
1999	74	98.5	104.1	101.4	103.4	102.1	98.2	100.5	102.6
2000	56	97.8	104.1	100.7	102.8	101.1	97.5	99.5	101.9
2001	78	97.8	104.7	101.4	103.6	101.4	97.3	100.3	102.7
2002	79	98.1	104.0	101.0	102.8	101.0	97.7	100.2	102.0
2003	59	98.0	104.2	101.1	103.1	101.1	97.4	100.1	102.2
2004	77	97.2	103.7	100.0	102.1	100.2	97.6	101.0	101.1
2005	89	97.4	104.3	100.6	102.9	100.7	97.4	100.1	101.9
2006	128	98.0	104.2	101.0	103.1	101.3	97.6	100.3	102.2
2007	42	98.0	104.1	101.1	103.2	101.5	97.8	101.3	102.3
2008	98	98.3	104.2	101.5	103.4	101.8	98.3	101.4	102.6
2009	98	98.6	104.4	101.8	103.8	102.1	98.1	101.7	103.0
2010	80	98.2	104.3	101.4	103.5	101.8	98.1	102.0	102.7
2011	45	98.9	104.4	102.1	104.0	102.4	98.4	102.2	103.2
2012	98	98.9	104.4	102.1	104.0	102.6	98.5	101.7	103.3
2013	73	98.6	103.8	101.8	103.5	102.0	98.5	102.6	102.8
2014	65	99.5	104.0	102.7	104.2	103.3	98.6	103.8	103.7
2015	46	98.8	104.2	102.3	104.2	102.8	98.2	104.1	103.5
2016	42	99.3	103.7	102.3	103.9	103.1	98.7	103.9	103.2

Tabel: 189 Fleck Vieh: Gebruiksskenmerken
Basis: Dubbeloel
Land: VL

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1993	15	98.1	34.0	102.9	104.4	104.1
1994	21	96.9	67.4	103.3	104.5	104.1
1995	28	96.4	86.1	103.7	103.9	104.0
1996	18	96.5	77.8	102.9	104.5	104.0
1997	24	96.8	95.4	103.2	104.4	103.8
1998	18	96.6	56.7	103.1	104.6	104.0
1999	32	97.1	88.3	102.8	104.2	103.7
2000	17	96.0	52.7	102.6	103.7	103.9
2001	28	95.6	92.7	102.4	103.5	103.6
2002	16	95.6	88.0	102.1	104.3	104.5

2003	21	95.7	86.0	102.0	104.1	104.4
2004	16	96.1	81.4	102.6	103.5	103.8
2005	20	97.0	84.9	102.3	103.2	103.6
2006	22	96.9	86.2	102.8	104.2	103.9
2007	11	96.5	64.9	102.6	103.6	103.2
2008	17	97.4	83.4	102.7	103.6	103.6
2009	27	96.8	82.3	102.9	104.0	103.8
2013	44	97.1	86.7	103.3	103.5	102.8
2014	15	97.2	100.5	103.7	104.2	103.5
2016	16	98.3	57.0	104.7	104.6	103.5

Tabel: 190 Fleck Vies: NVI met onderliggende kenmerken
Basis: Dubbeldoel
Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1987	10	34.2	-47.8	141.8	104.6	102.8	96.0	99.8	102.0
1990	22	60.3	9.7	214.5	104.8	103.7	96.9	98.5	101.7
1991	13	58.1	-14.3	261.4	105.5	102.8	97.8	98.2	102.0
1992	20	63.4	-13.8	260.7	103.8	102.8	96.8	99.7	102.0
1993	26	67.3	-6.7	285.4	104.8	103.0	97.0	100.0	101.9
1994	32	84.5	21.4	284.9	104.8	103.4	96.2	100.0	102.5
1995	43	96.1	39.5	312.2	104.5	104.0	97.7	98.6	102.5
1996	34	80.3	-14.8	289.4	104.7	104.2	98.4	99.7	102.3
1997	41	97.5	16.8	306.5	104.6	104.2	98.1	99.5	102.5
1998	50	79.6	-1.4	249.4	104.7	103.5	97.8	99.1	101.5
1999	74	84.2	12.3	233.0	104.3	102.6	97.6	99.8	101.7
2000	57	69.7	-5.4	232.2	104.3	101.9	96.9	99.0	101.3
2001	79	85.5	-7.5	265.0	104.0	102.7	97.4	101.3	102.8
2002	78	79.9	-32.2	248.2	105.0	102.0	97.7	99.8	102.3
2003	55	90.7	-3.3	232.0	104.8	102.2	97.4	98.9	102.0
2004	66	91.2	28.6	209.8	104.1	101.1	98.1	99.4	102.2
2005	83	73.7	16.3	143.9	103.8	101.9	96.3	99.0	102.4
2006	121	90.5	24.7	159.1	104.5	102.2	96.8	98.4	102.3
2007	37	136.6	113.6	222.5	103.9	102.3	98.2	102.2	102.6
2008	79	122.0	75.8	195.9	104.0	102.6	97.1	99.6	103.3
2009	87	122.5	92.9	181.8	104.3	103.0	98.7	98.7	103.2
2010	40	100.2	35.3	102.0	104.7	102.7	99.7	99.3	102.0
2011	34	131.5	97.6	166.0	103.9	103.2	96.6	98.9	103.0
2012	36	157.7	140.4	229.1	103.9	103.3	98.6	103.6	103.0
2013	57	134.2	183.3	215.0	103.4	102.8	99.4	99.5	103.4
2014	39	166.5	192.1	261.3	104.3	103.7	98.2	100.6	103.4
2015	39	170.4	194.0	265.1	104.1	103.5	97.3	101.1	103.9
2016	36	156.8	191.8	282.7	104.4	103.2	99.8	100.9	104.1

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1990	11	98.0	102.9	98.0	102.9	99.7	104.5
1993	17	97.9	103.4	97.9	103.4	99.7	104.8
1994	25	98.7	103.6	98.7	103.6	100.0	105.2
1995	36	98.8	103.5	98.8	103.5	99.4	104.9
1996	27	98.8	103.4	98.8	103.4	99.6	105.1
1997	32	98.7	103.5	98.7	103.5	99.7	104.9
1998	31	97.8	103.0	97.8	103.0	98.7	104.4
1999	48	98.4	102.9	98.4	102.9	99.0	104.7

2000	30	98.6	102.4	98.6	102.4	99.6	104.5
2001	44	100.0	102.9	100.0	102.9	100.5	104.7
2002	34	99.0	102.6	99.0	102.6	100.1	104.5
2003	41	98.6	102.4	98.6	102.4	99.8	104.3
2004	30	99.1	102.4	99.1	102.4	99.6	104.2
2005	39	98.9	102.9	98.9	102.9	99.6	104.7
2006	38	100.0	100.2	100.0	100.2	100.7	102.2
2007	30	99.4	103.0	99.4	103.0	100.5	105.0
2008	27	99.7	103.1	99.7	103.1	100.3	104.9
2009	16	99.7	102.7	99.7	102.7	100.7	104.8
2010	26	98.8	97.7	98.8	97.7	100.3	99.6
2011	10	99.5	103.9	99.5	103.9	100.4	105.7
2012	30	99.6	99.3	99.6	99.3	100.9	101.0

Tabel: 192 Fleck Vieh: Geboortekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1990	19	90.1	112.9	114.9	65.6	51.6	53.0
1992	18	90.3	114.1	114.3	50.0	40.1	41.9
1993	22	91.3	113.3	113.7	81.9	65.5	67.4
1994	28	89.8	113.9	115.5	97.3	77.0	78.9
1995	43	90.3	113.6	114.8	94.3	74.9	77.0
1996	29	90.5	113.7	114.5	104.7	84.0	85.9
1997	39	90.5	113.5	114.6	92.9	72.9	75.4
1998	41	90.6	113.2	114.5	79.4	63.4	64.8
1999	61	90.4	112.9	114.5	88.5	69.7	71.7
2000	44	90.0	113.8	115.4	79.5	63.7	65.1
2001	50	90.8	112.8	114.6	92.3	73.2	75.3
2002	63	90.3	113.4	114.7	81.1	64.0	66.0
2003	46	90.2	113.5	114.9	99.0	77.6	79.7
2004	52	90.5	113.3	114.5	93.2	73.4	76.0
2005	70	90.2	113.3	114.9	84.4	64.8	67.6
2006	89	90.5	112.5	114.5	95.6	73.9	76.8
2007	41	90.9	113.5	114.3	94.9	72.5	75.3
2008	69	90.1	113.5	115.3	94.2	72.8	75.6
2009	73	89.4	113.2	115.8	100.1	77.6	79.4
2010	60	89.7	113.7	115.5	96.4	74.6	77.5
2011	31	89.8	113.4	115.4	110.3	85.9	88.1
2012	81	89.6	113.4	115.8	101.4	78.8	80.7
2013	78	90.1	113.3	115.2	105.3	81.7	84.4
2014	45	89.9	113.9	115.3	98.0	76.6	79.6
2015	23	91.4	111.0	113.7	114.2	88.7	91.0
2016	31	93.0	110.5	111.9	110.5	85.7	88.2
2017	37	91.6	111.1	113.5	95.0	74.9	76.9
2018	32	92.2	110.9	113.0	88.2	70.2	71.7

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
1990	18	105.7	112.2	99.6	107.6	105.8	101.7	104.6	98.2	110.7	101.6	112.5
1992	17	105.9	112.5	99.1	107.9	106.2	102.2	104.0	99.2	110.9	101.4	112.4
1993	23	105.0	113.6	100.0	108.0	106.5	103.2	102.6	99.3	111.1	99.6	111.7
1994	29	105.5	113.9	100.7	108.0	107.3	103.1	103.2	98.9	111.6	100.0	112.3
1995	38	105.1	113.6	101.1	108.2	106.4	103.5	103.1	98.8	110.7	100.6	111.5

1996	26	105.7	113.6	100.2	107.7	106.7	102.7	103.5	99.0	111.6	100.4	111.9
1997	34	105.4	113.9	100.1	107.8	107.2	102.5	103.5	98.3	111.6	100.1	111.6
1998	38	104.7	114.4	100.1	108.1	107.2	103.1	102.5	98.3	111.5	99.3	111.1
1999	51	106.0	113.2	100.7	107.7	107.6	102.5	104.2	98.3	111.4	100.8	111.7
2000	31	105.0	114.1	100.1	108.0	107.2	102.9	102.8	98.9	111.2	99.1	111.5
2001	35	105.0	113.4	100.5	107.5	106.9	102.6	103.0	98.3	111.0	99.3	111.2
2002	40	105.6	114.1	100.3	108.2	107.5	102.8	103.5	98.6	111.5	99.5	111.8
2003	33	106.2	114.8	99.7	108.7	108.3	102.2	104.2	98.8	111.5	99.0	111.8
2004	34	105.9	115.0	100.4	109.3	107.9	103.2	103.6	99.3	111.2	99.4	112.0
2005	36	105.2	114.0	101.4	107.8	107.9	103.4	103.1	98.2	111.4	100.0	111.4
2006	45	105.6	113.8	100.8	107.6	107.8	102.9	103.5	98.2	111.6	99.5	111.6
2007	17	105.8	113.4	100.3	107.7	107.3	102.8	103.3	99.8	110.9	99.4	111.8
2008	32	105.3	113.7	100.3	108.1	107.3	102.7	103.5	98.2	110.8	100.3	110.9
2009	38	105.9	114.0	100.2	108.8	107.1	103.1	104.2	98.4	111.0	101.2	112.2
2010	23	105.5	112.3	100.8	106.9	107.3	102.3	104.2	97.5	110.7	100.5	111.1
2011	10	105.0	113.2	101.4	107.7	107.3	103.3	103.9	97.3	110.7	100.8	111.2
2012	30	105.6	112.3	101.2	108.1	106.0	103.1	104.1	98.3	110.0	101.4	111.9
2013	19	106.1	111.1	100.5	107.0	105.8	102.4	104.6	99.3	109.6	101.0	111.8

Tabel: 194 Fleck Vieh: Kalvervitaliteit

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1990	11	96.3	97.2	90.8
1993	16	96.9	97.1	91.5
1994	23	96.0	96.7	91.5
1995	36	96.6	97.3	91.1
1996	26	97.3	97.8	91.5
1997	32	96.4	96.8	91.8
1998	30	97.5	97.9	92.2
1999	50	96.9	97.1	92.0
2000	27	94.9	95.0	92.6
2001	43	95.1	95.3	91.7
2002	35	96.1	96.5	91.9
2003	42	97.0	97.1	92.7
2004	31	96.5	96.6	92.7
2005	37	97.0	96.7	92.3
2006	37	96.8	97.1	92.1
2007	27	97.0	97.1	92.9
2008	27	96.6	97.1	91.4
2009	16	97.2	97.3	92.0
2010	25	97.1	96.6	92.8
2011	10	97.6	98.6	91.8
2012	27	97.5	97.4	92.1

Tabel: 195 Fleck Vieh: Levensproductiekenmerken

Basis: Dubbeldoel

Land: VL

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	68	1446.9	7746.3	237.4	205.8
2002	69	1162.8	6749.8	184.2	167.0
2003	51	1156.0	6658.8	183.3	166.1
2004	60	1140.3	6548.3	182.3	163.2
2005	77	673.6	4521.9	102.9	96.7
2006	114	810.9	5288.1	122.0	117.8
2007	35	1603.6	8339.1	264.3	228.2

2008	74	1301.1	7225.5	207.1	187.6
2009	80	1239.2	6877.6	202.1	176.1
2010	39	466.7	3710.9	65.0	68.3
2011	32	1122.8	6646.8	176.9	161.4
2012	34	1794.1	8913.7	293.9	257.9
2013	48	1862.8	9705.4	308.5	264.6
2014	38	2216.7	10900.8	381.4	309.8
2015	37	2303.8	11461.2	375.9	331.6
2016	32	2425.0	12354.1	397.1	348.0

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

Jaar	Aantal	Eff	Int	Gewen
1990	12	94.4	112.2	97.4
1992	10	96.3	112.3	98.0
1993	15	97.7	112.1	98.2
1994	24	96.7	111.7	98.4
1995	35	96.1	112.2	98.0
1996	21	95.7	111.7	98.0
1997	30	96.7	112.2	98.4
1998	30	96.5	112.3	98.4
1999	44	97.0	111.8	98.4
2000	27	96.1	113.0	97.7
2001	39	97.5	112.4	97.3
2002	24	95.6	112.6	98.5
2003	32	95.2	113.1	97.8
2004	28	96.9	111.8	97.6
2005	35	96.6	111.0	98.9
2006	37	96.6	111.7	97.7
2007	18	96.9	112.8	97.8
2008	23	96.5	111.7	98.0
2009	40	95.8	111.1	98.5
2010	12	94.8	111.3	98.1
2013	33	96.8	111.5	97.8
2014	14	95.9	114.3	99.5
2015	24	97.7	113.7	97.0
2016	31	98.5	114.7	97.9

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1987	16	100.0	99.1	16	-0.1	0	0.0
1990	26	99.7	99.3	26	0.6	0	0.0
1991	17	100.2	100.7	17	0.3	0	0.0
1992	21	99.0	99.3	21	0.6	0	0.0
1993	29	99.7	99.3	29	0.5	0	0.0
1994	33	99.9	99.5	34	0.8	0	0.0
1995	47	99.7	98.3	48	0.7	0	0.0
1996	37	98.8	98.9	37	0.3	0	0.0
1997	44	99.8	99.0	44	0.6	0	0.0
1998	54	98.9	98.8	54	0.2	0	0.0
1999	74	99.3	98.5	74	0.6	0	0.0
2000	63	99.2	99.4	63	0.3	0	0.0
2001	85	98.9	99.8	85	0.4	26	105.3

2002	90	97.8	99.3	90	0.1	19	103.6
2003	59	98.9	98.9	59	0.5	20	103.8
2004	70	98.3	99.8	70	0.8	16	104.5
2005	86	97.8	99.5	86	0.6	23	102.2
2006	124	99.3	99.6	124	0.7	24	102.2
2007	37	99.3	99.6	37	1.9	12	106.2
2008	81	98.9	99.6	81	1.3	19	102.2
2009	88	99.7	99.6	89	1.6	25	101.6
2010	40	98.5	100.3	40	1.1	3	103.0
2011	35	99.8	99.1	35	1.6	9	102.8
2012	36	100.7	100.0	36	2.0	5	106.6
2013	57	100.5	98.8	58	2.1	37	102.4
2014	39	100.6	99.2	41	2.4	13	105.2
2015	39	101.0	98.5	39	2.6	9	106.8
2016	36	99.9	98.8	39	2.5	11	103.8

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1990	10	-1114.8	-44.2	-34.3	-51.0	8.4	8.3	-0.6	-248.8
1991	18	-1290.7	-42.7	-41.2	-58.9	23.0	8.3	-0.2	-276.2
1992	19	-1295.9	-50.0	-42.5	-59.2	11.9	6.0	-0.3	-296.9
1993	22	-1304.5	-46.5	-41.7	-59.5	17.9	8.0	-0.1	-286.6
1994	22	-1195.6	-46.0	-38.0	-54.6	11.6	7.6	-0.4	-268.9
1995	27	-1173.2	-44.7	-35.6	-53.6	11.7	9.8	-0.2	-255.7
1996	21	-944.7	-34.3	-31.1	-43.0	11.6	4.2	-0.1	-212.7
1997	25	-1181.5	-44.8	-39.0	-53.9	11.9	5.4	-0.2	-270.3
1998	26	-1175.2	-43.3	-36.8	-53.7	14.0	8.2	-0.3	-257.8
1999	17	-877.8	-33.3	-27.0	-40.1	8.6	6.5	-0.2	-192.8
2000	25	-940.4	-39.3	-31.4	-43.0	4.4	3.7	-0.3	-224.2
2001	17	-1035.3	-38.4	-30.9	-47.2	11.9	9.2	-0.1	-221.5
2002	17	-1053.0	-34.4	-31.2	-46.0	18.4	9.6	2.8	-214.2
2003	27	-961.0	-37.7	-31.3	-43.3	7.9	5.0	0.7	-220.4
2004	11	-548.0	-17.2	-16.6	-25.0	10.0	4.3	-0.1	-111.9
2005	12	-904.8	-28.1	-25.2	-41.1	17.4	10.2	0.0	-174.9
2006	16	-718.9	-29.1	-23.3	-32.6	4.8	3.8	-0.1	-166.4
2012	11	-258.7	-10.5	-6.8	-12.4	2.1	3.8	-1.1	-53.8

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	96.7	99.9	94.5	94.0	103.5	100.1	89.4
1992	14	97.5	100.1	94.7	94.1	103.4	101.1	89.5
1993	19	97.2	100.5	94.8	94.2	104.6	100.1	88.8
1994	16	97.2	100.5	94.7	94.4	104.2	100.8	88.9
1995	16	96.2	100.8	95.6	94.9	103.4	99.7	87.9
1996	14	98.9	100.6	95.9	94.9	103.4	100.0	89.4
1997	16	98.6	100.7	95.5	94.7	103.4	101.3	89.6
1998	15	97.3	100.9	95.2	94.3	104.4	100.5	88.7
1999	14	98.4	100.5	95.6	95.4	103.6	101.1	89.9
2000	18	97.9	101.0	96.1	95.2	103.4	101.0	89.9
2003	17	97.8	99.9	94.7	94.5	103.6	101.1	88.6

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

Jaar	Aantal	BA	BZ	KH	BG
1991	16	109.8	97.1	110.1	108.6
1992	14	109.6	96.4	111.0	108.1
1993	19	110.3	95.5	111.7	109.3
1994	16	111.1	95.9	112.0	109.8
1995	16	108.9	96.1	109.7	107.8
1996	14	110.4	95.6	111.2	108.5
1997	16	109.6	95.7	110.8	107.8
1998	15	110.4	94.9	112.3	109.1
1999	14	110.2	95.4	111.7	108.8
2000	18	110.1	95.1	110.7	108.2
2003	17	110.8	93.5	111.8	109.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1991	16	97.8	99.0	106.0	98.2	90.2	94.4	95.7
1992	14	96.6	98.7	106.3	96.9	89.8	94.3	95.7
1993	19	97.3	99.3	106.7	97.5	90.0	94.0	95.8
1994	16	98.0	99.8	105.7	97.5	90.5	94.7	96.8
1995	16	97.1	99.4	104.9	95.7	88.9	93.8	96.2
1996	14	97.4	99.1	105.3	97.5	90.3	95.6	96.9
1997	16	97.1	98.8	106.1	97.5	89.6	94.8	96.4
1998	15	97.7	98.9	105.9	97.6	89.8	95.6	96.9
1999	14	97.7	99.8	105.4	97.8	90.6	95.6	97.4
2000	18	96.9	98.5	105.4	96.9	89.7	94.6	95.7
2003	17	97.6	99.2	105.5	98.2	90.5	96.0	96.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1991	16	92.8	96.4	94.0	109.7	0.0	99.2
1992	14	93.4	96.4	93.1	109.2	0.0	98.7
1993	19	92.5	97.2	93.5	110.1	0.0	99.3
1994	16	92.9	97.1	93.9	110.8	0.0	99.9
1995	16	92.2	96.6	92.2	108.4	0.0	97.6
1996	14	93.2	97.0	93.8	109.3	0.0	99.2
1997	16	94.1	96.9	93.2	108.7	0.0	98.8
1998	15	93.0	97.1	93.7	109.7	0.0	99.2
1999	14	94.0	97.6	94.1	109.4	0.0	99.6
2000	18	94.3	97.2	93.2	108.6	0.0	98.8
2003	17	92.7	96.4	94.4	109.2	0.0	99.1

Tabel: 203 Brown Swiss: Vruchtbaarheidskenmerken
 Basis: Melkdoel rood

Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1990	10	102.0	104.9	103.5	103.7	103.2	96.3	87.3	103.8
1991	16	101.3	105.1	103.2	103.6	102.9	97.6	89.6	103.6
1992	17	101.5	105.1	103.2	103.6	102.8	97.1	89.3	103.6
1993	21	101.6	104.5	103.1	103.1	102.8	97.0	88.5	103.3
1994	20	102.5	104.3	103.5	103.5	103.5	97.8	88.8	103.8
1995	22	102.7	103.3	103.1	102.7	103.5	97.8	88.2	103.2
1996	20	101.7	104.5	103.1	103.2	102.8	98.0	89.7	103.5
1997	24	101.8	104.4	103.2	103.5	103.2	97.9	89.1	103.7
1998	23	102.0	104.6	103.4	103.4	103.3	97.6	88.3	103.7
1999	18	101.6	104.6	103.3	103.4	102.9	97.2	89.1	103.7
2000	27	102.7	104.3	103.6	103.6	103.7	97.7	88.9	103.9
2001	18	101.8	105.4	103.8	104.2	103.7	98.1	89.6	104.2
2002	17	101.4	104.3	102.9	103.0	102.6	96.7	88.7	103.2
2003	26	101.7	105.0	103.7	103.9	103.3	97.6	89.5	104.1
2004	15	102.2	104.5	103.7	103.7	103.9	98.5	90.3	104.0
2005	13	102.4	104.8	104.1	104.2	103.8	97.5	89.5	104.5
2006	16	102.2	104.0	103.4	103.3	103.4	97.8	90.1	103.7
2012	11	101.8	103.8	103.2	103.1	102.8	97.2	91.1	103.4

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1991	10	95.5	98.2	99.6	100.5	102.3
1992	12	96.1	82.5	100.2	100.4	102.4
1993	15	95.5	100.5	99.6	100.0	102.1
1994	16	97.8	94.6	100.4	100.9	102.9
1995	16	99.4	82.3	100.4	100.8	103.2
1996	16	97.4	86.3	100.8	101.2	102.5
1997	16	96.4	93.3	100.7	100.3	102.8
1998	14	96.3	93.2	101.1	101.1	103.0
1999	13	95.8	92.1	101.0	100.8	102.9
2000	18	96.8	88.2	101.2	101.7	103.2
2002	10	96.1	100.3	101.2	101.4	103.5
2003	17	96.6	93.9	101.3	101.0	103.0

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	-41.6	-276.2	-81.4	101.7	103.6	94.0	109.7	103.1
1992	19	-45.3	-296.9	45.2	101.7	103.6	93.1	109.2	103.5
1993	22	-39.4	-286.6	0.3	101.4	103.3	93.5	110.1	103.7
1994	22	-20.5	-268.9	59.8	102.3	103.8	93.9	110.8	104.0
1995	26	-30.6	-255.7	16.2	102.4	103.2	92.2	108.4	103.4
1996	21	-4.6	-212.7	97.8	102.2	103.5	93.8	109.3	103.4
1997	25	-33.3	-270.3	26.4	102.0	103.7	93.2	108.7	103.6
1998	26	-21.0	-257.8	52.0	102.4	103.7	93.7	109.7	103.7
1999	17	4.2	-192.8	35.5	102.3	103.7	94.1	109.4	104.2
2000	25	-2.2	-224.2	77.9	102.8	103.9	93.2	108.6	104.3
2001	17	12.2	-221.5	145.2	102.9	104.2	95.1	111.4	104.3
2002	17	-0.5	-214.2	63.2	103.0	103.2	94.0	109.7	103.3

2003	27	6.2	-220.4	86.4	102.6	104.1	94.4	109.2	104.2
2004	11	84.6	-111.9	286.3	103.6	104.0	96.1	112.6	104.1
2005	12	22.3	-174.9	18.0	103.2	104.5	93.7	109.9	103.9
2006	16	22.5	-166.4	96.7	102.4	103.7	95.6	110.0	103.5
2012	11	80.3	-53.8	221.8	104.4	103.4	94.1	108.6	104.4

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

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1992	14	97.1	105.6	97.1	105.6	97.6	104.6
1993	12	98.2	105.5	98.2	105.5	98.2	103.7
1994	18	97.7	105.8	97.7	105.8	97.9	104.1
1995	17	97.6	105.1	97.6	105.1	97.4	103.6
1996	17	96.5	106.0	96.5	106.0	96.1	105.2
1997	23	97.3	105.6	97.3	105.6	97.5	104.6
1998	13	97.5	105.8	97.5	105.8	97.8	104.4
1999	14	98.1	105.9	98.1	105.9	97.9	104.7
2000	24	97.8	105.8	97.8	105.8	98.0	105.0
2001	13	97.0	106.3	97.0	106.3	96.8	104.6
2002	15	96.7	105.9	96.7	105.9	96.9	104.2
2003	19	97.8	105.9	97.8	105.9	97.6	104.6
2004	16	97.8	105.9	97.8	105.9	98.1	104.6
2005	10	98.2	105.5	98.2	105.5	98.9	104.4
2006	12	97.6	96.5	97.6	96.5	97.7	95.9

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1991	10	94.6	111.0	105.6	112.0	100.4	96.3
1992	16	94.9	109.9	105.3	113.6	99.6	95.2
1993	17	95.5	110.6	104.8	99.1	88.7	85.2
1994	18	95.1	109.9	105.3	112.2	100.2	96.7
1995	18	94.9	109.9	105.4	106.4	94.8	90.1
1996	18	94.1	110.6	106.1	106.8	94.2	90.6
1997	25	94.3	111.0	106.0	108.9	96.2	92.2
1998	16	94.9	110.9	105.6	104.9	93.9	90.9
1999	18	94.8	111.0	105.6	112.7	100.4	96.2
2000	23	96.2	110.0	104.0	113.8	100.2	94.3
2001	14	95.7	110.5	104.6	105.6	92.5	88.1
2002	11	94.3	111.4	105.9	113.0	98.6	94.5
2003	18	95.5	110.0	104.8	112.5	99.0	95.8
2004	14	94.6	112.0	105.5	111.2	100.3	96.8
2005	10	95.7	111.1	104.3	112.3	100.2	95.9
2006	15	95.3	109.7	104.9	105.1	93.1	89.4
2008	13	95.6	110.4	104.7	111.3	99.9	97.5
2010	12	94.2	111.9	106.0	111.7	99.9	96.1
2012	11	94.1	110.1	105.8	111.3	99.5	96.4

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	108.7	98.4	100.4	108.6	103.2	99.8	93.9	109.2	99.1	108.7
1992	15	101.5	109.1	98.5	100.7	109.3	102.7	100.2	93.0	109.9	98.8	109.5
1993	16	100.2	109.5	97.8	100.8	108.2	103.5	98.9	93.2	110.0	98.8	108.8
1994	19	100.9	109.7	97.5	101.1	109.1	103.5	99.1	93.8	110.4	98.7	108.9
1995	20	100.8	109.2	97.7	100.5	109.1	102.8	99.3	93.7	110.0	98.5	108.2
1996	19	101.4	108.6	98.1	100.7	108.8	102.7	100.2	93.4	109.4	98.7	109.1
1997	20	101.2	108.8	98.5	100.7	109.0	103.0	100.0	93.5	109.5	99.5	108.7
1998	17	101.2	109.4	98.2	101.0	109.3	103.2	100.1	93.4	110.0	99.3	109.1
1999	13	101.5	108.7	97.5	100.4	108.5	102.4	99.9	94.4	109.5	98.2	108.8
2000	20	101.9	108.2	98.0	100.5	108.5	102.5	100.9	94.0	108.8	98.5	109.1
2001	11	101.1	109.0	98.9	101.2	108.5	104.3	99.8	92.9	109.4	101.2	108.2
2002	11	101.5	109.2	97.9	101.2	108.7	103.4	100.3	93.5	109.6	99.8	109.1
2003	21	101.6	108.2	98.0	100.5	108.3	102.6	100.4	94.2	108.9	99.5	108.3

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

Jaar	Aantal	KaVi1	KaVi2	KaVi3
1992	14	89.4	98.4	83.0
1993	12	90.7	99.7	82.1
1994	20	90.0	98.8	82.3
1995	17	89.1	98.2	81.5
1996	18	90.1	98.9	82.2
1997	24	88.8	98.2	82.0
1998	13	90.5	99.5	81.9
1999	15	90.9	99.9	82.2
2000	21	90.1	98.9	83.0
2001	14	90.9	99.4	81.8
2002	15	91.0	99.6	82.8
2003	18	92.1	100.7	83.7
2004	18	91.7	100.4	82.3
2005	11	89.9	99.0	82.1
2006	10	90.9	99.6	82.3

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	17	-117.4	-1600.6	-6.2	-20.1
2002	16	-516.4	-3428.9	-64.8	-81.1
2003	27	-452.1	-2651.2	-61.5	-69.8
2004	11	1201.4	3784.9	236.3	159.4
2005	12	-670.2	-4011.1	-94.9	-101.4
2006	15	-163.8	-1366.9	-14.6	-28.1
2012	11	1068.8	3561.0	194.9	148.9

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

Jaar	Aantal	Eff	Int	Gewen
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1993	12	98.4	101.2	105.1
1994	15	98.5	102.8	105.1
1995	12	99.2	102.3	105.2
1996	15	97.9	102.1	106.5
1997	15	98.1	101.7	105.7
1998	10	98.5	103.2	105.3
1999	12	97.2	102.5	105.5
2000	15	98.1	101.9	105.6
2003	12	99.0	103.0	105.2

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1990	10	100.9	101.1	10	-3.3	0	0.0
1991	18	101.0	100.9	18	-3.2	0	0.0
1992	19	101.3	101.1	19	-3.4	0	0.0
1993	22	99.9	101.0	22	-3.1	0	0.0
1994	22	100.8	100.3	22	-3.1	0	0.0
1995	27	99.7	100.8	27	-3.1	0	0.0
1996	21	101.5	101.2	21	-2.4	0	0.0
1997	25	100.5	99.8	25	-3.0	0	0.0
1998	26	101.5	100.5	26	-2.9	0	0.0
1999	17	102.0	100.4	17	-2.2	0	0.0
2000	25	101.7	100.0	25	-2.5	0	0.0
2001	17	102.1	101.2	17	-2.4	8	97.2
2002	17	101.9	100.9	17	-2.3	9	97.7
2003	27	102.5	100.6	27	-2.4	17	96.2
2004	11	103.8	102.3	11	-1.4	8	97.1
2005	12	101.5	100.7	12	-2.1	7	97.4
2006	16	102.1	100.8	16	-1.8	9	98.2
2012	11	101.1	102.0	11	-0.4	8	100.6

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

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1980	555	-1489.2	-64.5	-59.6	-77.6	4.4	-9.2	-18.4	-403.3
1981	444	-1423.1	-60.5	-56.9	-74.5	6.2	-8.7	-18.2	-382.9
1982	430	-1436.6	-59.3	-57.9	-75.1	9.7	-9.6	-18.2	-384.4
1983	411	-1467.6	-61.7	-59.3	-76.6	8.1	-10.1	-18.3	-395.5
1984	293	-1392.9	-58.8	-58.0	-73.2	7.2	-12.8	-18.2	-383.4
1985	199	-1301.4	-52.1	-52.9	-69.0	12.2	-9.2	-18.0	-347.1
1986	215	-1332.0	-54.9	-54.7	-70.4	9.6	-10.5	-18.1	-360.6
1987	257	-1194.7	-49.1	-50.8	-64.2	8.6	-12.3	-17.7	-330.6
1988	294	-1190.5	-49.1	-49.6	-63.9	8.3	-10.3	-17.6	-325.7
1989	186	-1147.3	-48.8	-49.5	-62.0	5.0	-13.3	-17.6	-324.3
1990	109	-1031.5	-43.1	-45.8	-56.7	6.2	-13.7	-17.3	-295.4
1991	58	-1000.0	-40.3	-44.4	-55.2	8.3	-13.7	-17.2	-283.4
1992	31	-915.3	-35.4	-43.8	-51.3	10.0	-17.7	-16.7	-269.3
1993	19	-619.4	-31.7	-33.3	-37.8	-6.8	-17.5	-16.4	-214.6
1994	19	-687.2	-29.9	-33.5	-41.1	1.6	-13.8	-16.5	-212.4

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	88.9	91.7	92.2	98.3	90.2	90.3	94.5
1981	134	89.2	92.7	91.1	97.0	93.2	91.4	95.2
1982	152	89.5	93.1	91.2	97.0	93.7	91.8	96.1
1983	125	90.8	93.3	93.0	98.7	92.1	92.3	96.3
1984	84	91.3	93.6	93.5	99.1	92.1	92.1	96.5
1985	67	91.0	93.3	93.3	99.0	92.0	92.4	96.1
1986	59	92.4	93.1	93.5	99.4	92.1	92.9	96.1
1987	64	93.0	92.9	93.7	99.4	91.1	92.9	96.0
1988	84	93.2	92.6	94.0	100.0	90.2	92.8	95.8
1989	72	93.7	92.4	94.1	100.4	90.3	92.4	96.0
1990	27	94.7	91.6	94.7	101.2	89.0	92.5	95.9
1991	16	93.8	92.8	95.4	100.9	90.8	90.9	96.2
1994	10	95.9	98.0	98.2	102.6	96.6	96.3	99.4

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

Jaar	Aantal	BA	BZ	KH	BG
1980	146	89.7	97.4	85.8	88.7
1981	134	92.2	98.8	87.7	91.2
1982	152	92.3	98.2	87.9	91.3
1983	125	90.2	97.8	88.0	89.1
1984	84	90.6	97.6	87.7	89.7
1985	67	90.5	99.2	87.1	89.3
1986	59	91.0	98.6	87.5	89.7
1987	64	91.8	98.2	88.2	91.2
1988	84	91.6	98.9	88.5	90.7
1989	72	91.8	99.2	88.6	90.9
1990	27	91.3	99.4	87.9	90.1
1991	16	91.8	100.0	88.2	90.9
1994	10	95.3	100.0	92.3	94.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1980	146	95.7	91.0	95.4	96.2	93.4	94.3	90.8
1981	134	96.4	92.7	95.8	97.8	95.9	95.8	92.8
1982	152	97.3	93.6	95.3	98.8	96.0	96.0	93.2
1983	125	96.5	92.1	97.3	97.7	94.7	94.1	90.9
1984	84	97.1	93.6	97.3	98.6	95.4	95.1	92.3
1985	67	97.3	93.6	97.4	97.3	95.5	94.4	91.8
1986	59	97.8	93.3	97.6	98.1	96.0	95.0	91.9
1987	64	97.1	94.3	98.4	97.7	96.8	94.8	92.4
1988	84	97.2	94.9	99.0	97.8	97.2	94.7	92.4
1989	72	98.1	95.2	98.1	98.5	96.9	95.5	93.3
1990	27	99.5	96.1	98.3	100.1	99.0	96.6	94.1
1991	16	99.3	96.0	95.8	99.0	97.2	96.7	94.2
1994	10	99.0	97.4	98.6	98.7	96.7	96.3	95.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1980	146	86.6	88.9	94.0	85.7	93.3	83.6
1981	134	87.5	90.1	96.0	88.9	95.9	86.8
1982	152	88.4	90.8	96.8	88.8	96.9	87.6
1983	125	89.4	91.6	95.6	86.6	95.7	86.1
1984	84	89.7	92.3	96.6	87.0	95.8	87.0
1985	67	89.4	91.8	96.1	86.9	95.8	86.6
1986	59	89.7	92.0	96.8	87.3	95.9	87.3
1987	64	89.7	91.3	96.9	88.7	94.9	88.0
1988	84	89.5	91.3	97.1	88.3	93.5	87.8
1989	72	89.4	91.6	97.5	88.7	93.1	88.2
1990	27	89.4	91.0	99.7	87.9	93.1	89.0
1991	16	89.2	92.6	98.4	88.7	93.8	88.9
1994	10	96.2	99.4	97.6	92.8	98.9	93.7

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1980	1487	102.4	101.8	101.8	102.4	101.5	102.9	95.6	102.4
1981	1053	102.2	102.0	101.8	102.6	101.5	103.0	93.7	102.4
1982	987	102.9	102.0	102.0	103.0	102.0	102.8	92.4	102.8
1983	840	102.6	101.8	101.7	102.6	101.7	102.9	94.4	102.4
1984	538	102.2	101.7	101.2	102.2	101.3	103.2	94.4	101.9
1985	292	102.4	101.7	101.5	102.5	101.6	102.7	93.8	102.2
1986	260	102.9	100.8	101.3	101.7	101.5	103.7	94.0	101.7
1987	253	102.2	101.3	101.1	102.2	101.4	103.1	94.3	101.8
1988	274	101.9	101.7	101.2	102.4	101.4	103.0	93.8	102.0
1989	175	102.0	100.8	100.7	101.5	101.0	103.2	94.3	101.3
1990	100	102.0	100.7	100.8	101.5	101.2	103.1	94.6	101.3
1991	52	102.0	100.3	100.6	100.9	100.8	103.0	94.8	100.8
1992	30	101.9	100.5	100.8	101.3	100.9	102.9	96.5	101.1
1993	17	102.0	100.1	100.6	101.2	101.4	103.2	96.8	101.0
1994	17	101.8	100.1	100.4	100.8	100.6	101.9	94.5	100.6

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1980	129	96.5	55.9	98.4	103.4	103.3
1981	122	96.4	83.6	99.3	103.8	103.8
1982	137	96.6	80.3	99.0	103.5	103.8
1983	102	97.1	44.6	98.3	102.6	103.3
1984	72	96.9	36.1	98.5	102.8	103.8
1985	46	96.7	51.8	98.3	102.7	104.1
1986	46	96.5	50.0	98.0	102.3	103.9
1987	48	97.9	30.4	97.2	101.3	101.8
1988	63	97.3	38.0	96.5	100.4	101.1
1989	54	97.6	37.3	97.1	101.1	101.6

1990	19	97.8	30.6	97.1	101.0	101.8
1991	13	98.4	51.7	96.8	100.9	101.7

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1980	547	-179.4	-403.3	-67.0	103.6	102.4	94.0	85.7	97.9
1981	439	-154.1	-382.9	-16.1	104.2	102.4	96.0	88.9	97.9
1982	414	-148.3	-384.4	-15.8	104.1	102.8	96.8	88.8	97.8
1983	396	-168.1	-395.5	-15.2	103.4	102.4	95.6	86.6	97.8
1984	267	-161.2	-383.4	-7.5	103.8	101.9	96.6	87.0	98.8
1985	182	-155.1	-347.1	-70.6	103.9	102.2	96.1	86.9	98.5
1986	188	-167.9	-360.6	-120.6	103.6	101.7	96.8	87.3	98.0
1987	227	-149.8	-330.6	-2.0	101.8	101.8	96.9	88.7	98.1
1988	277	-158.5	-325.7	1.6	100.9	102.0	97.1	88.3	98.8
1989	176	-164.7	-324.3	-29.9	101.6	101.3	97.5	88.7	98.8
1990	105	-145.9	-295.4	-46.3	101.7	101.3	99.7	87.9	97.8
1991	54	-150.4	-283.4	-142.4	101.5	100.8	98.4	88.7	98.2
1992	31	-135.9	-269.3	-34.6	102.1	101.1	100.8	89.2	99.0
1993	18	-115.5	-214.6	-84.3	101.8	101.0	97.3	90.3	98.0
1994	19	-116.6	-212.4	-76.9	101.9	100.6	97.6	92.8	97.7

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

Jaar	Aantal	LVg	LVa	LVg1	LVa1	LVg2	LVa2
1980	12	96.7	99.4	96.7	99.4	98.2	99.4
1982	13	96.5	99.1	96.5	99.1	98.5	99.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	180	95.4	103.5	105.6	63.5	62.2	63.2
1981	162	94.4	103.4	106.5	87.2	84.2	86.6
1982	177	94.2	103.1	106.5	87.0	83.6	86.4
1983	128	94.6	103.6	106.3	60.1	58.6	59.8
1984	127	94.6	103.9	106.6	33.0	32.2	32.8
1985	78	94.3	103.3	106.7	57.4	55.7	57.1
1986	81	92.6	104.3	108.1	50.7	50.5	51.6
1987	82	95.4	102.3	105.4	75.3	72.5	73.7
1988	90	96.4	101.9	104.5	80.1	76.9	78.1
1989	49	96.4	102.6	104.3	77.8	75.9	76.5
1990	29	94.8	103.1	106.1	65.0	64.6	65.6
1991	13	95.5	102.6	105.3	92.1	89.9	91.7

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	46	99.7	102.2	97.9	99.0	101.3	102.4	99.4	96.0	110.0	101.1	98.0
1981	57	100.7	101.9	96.9	99.1	101.6	100.2	100.6	97.2	109.5	99.2	97.3
1982	63	99.2	104.0	96.0	100.2	100.9	101.0	98.7	96.6	113.0	101.1	96.1
1983	23	100.5	104.3	97.2	99.5	103.1	101.0	99.7	96.2	111.3	101.1	98.8
1984	13	101.5	105.5	96.2	100.4	104.2	100.0	100.5	96.8	112.4	100.7	100.1
1985	10	103.2	105.9	97.7	101.0	105.4	99.5	101.3	99.2	111.1	100.2	101.5
1986	16	102.0	105.0	96.8	100.6	104.1	100.0	100.9	97.3	111.1	99.4	101.5
1987	10	103.3	104.8	98.9	100.6	105.7	98.8	102.3	98.3	109.3	99.5	100.4

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1980	555	100.5	95.8	0	0.0	0	0.0
1981	444	101.0	97.3	0	0.0	0	0.0
1982	430	101.5	98.6	0	0.0	0	0.0
1983	411	100.5	97.4	0	0.0	0	0.0
1984	293	99.5	97.8	0	0.0	0	0.0
1985	199	99.8	98.2	205	-3.9	0	0.0
1986	215	99.0	97.8	220	-3.9	0	0.0
1987	257	98.9	97.1	263	-3.6	0	0.0
1988	294	99.1	97.2	302	-3.7	0	0.0
1989	186	99.3	97.8	195	-3.6	0	0.0
1990	109	98.4	98.0	112	-3.3	0	0.0
1991	58	98.3	97.5	59	-3.2	0	0.0
1992	31	98.1	98.4	31	-3.4	0	0.0
1993	19	97.3	96.7	19	-2.5	0	0.0
1994	19	98.1	98.2	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
1985	11	-1506.8	-75.9	-55.2	-68.8	-11.7	-1.3	-0.3	-406.3
1986	14	-1235.0	-69.5	-48.3	-56.4	-20.4	-5.4	-0.4	-361.0
1988	22	-1386.3	-71.4	-51.3	-63.3	-13.3	-2.0	-0.3	-379.2
1989	24	-1534.3	-73.3	-57.3	-70.1	-6.7	-3.2	-0.5	-410.1
1990	26	-1385.0	-65.3	-51.9	-63.2	-4.6	-2.8	-0.3	-369.1
1991	19	-1277.7	-64.7	-49.1	-58.3	-10.7	-4.2	-0.4	-354.7
1992	23	-1248.9	-62.7	-47.7	-57.1	-9.3	-3.8	-0.3	-344.6
1993	19	-1173.5	-57.8	-44.3	-53.6	-6.9	-2.3	-0.2	-319.0
1994	23	-945.2	-50.5	-37.0	-43.2	-11.0	-4.2	-0.2	-270.9
1995	19	-1199.7	-61.6	-44.6	-54.9	-11.1	-2.1	-0.4	-328.5
1996	22	-1127.1	-58.3	-42.5	-51.5	-10.9	-2.7	-0.4	-312.3
1997	26	-724.2	-42.2	-28.8	-32.9	-12.8	-3.7	-0.0	-216.5
1998	26	-1085.8	-53.0	-37.1	-49.6	-5.6	3.1	-0.3	-278.2
1999	26	-1033.4	-54.8	-38.7	-47.3	-11.8	-2.1	-0.3	-288.2
2000	30	-905.1	-49.2	-32.4	-41.7	-11.0	0.5	-0.8	-248.5
2001	25	-958.0	-45.5	-34.7	-43.6	-2.8	0.0	0.0	-251.0
2002	18	-663.9	-40.7	-28.2	-29.2	-14.8	-5.5	1.3	-209.7
2003	21	-663.9	-40.8	-27.5	-27.4	-14.2	-4.3	3.7	-206.6
2004	19	-691.2	-45.1	-28.2	-28.3	-18.7	-4.0	4.5	-218.6
2005	23	-735.2	-44.3	-28.0	-29.3	-14.6	-1.8	6.0	-216.9

2006	17	-853.1	-49.4	-34.7	-36.2	-14.5	-4.9	3.5	-256.7
2007	16	-362.6	-26.6	-16.4	-15.9	-12.8	-4.1	0.8	-127.8
2008	23	-439.6	-29.6	-18.4	-18.2	-12.4	-3.1	2.3	-143.1
2009	10	-217.3	-25.1	-12.9	-9.0	-18.7	-6.3	1.2	-108.3
2015	14	427.1	-1.1	7.9	20.4	-22.8	-8.3	1.1	36.4
2016	11	98.9	-9.9	1.0	9.2	-17.2	-2.9	5.7	-14.0

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
1992	12	94.5	106.5	93.1	86.9	109.7	107.2	91.7
1994	12	95.1	106.8	94.1	88.5	108.2	104.5	90.9
1997	13	95.8	107.5	95.5	88.8	109.7	106.5	91.3
1998	14	95.4	106.7	93.9	87.5	109.6	105.8	91.5
2000	10	94.3	107.1	93.5	88.0	107.8	105.0	90.5
2005	10	96.4	108.1	94.4	88.3	110.5	106.3	92.5

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

Jaar	Aantal	BA	BZ	KH	BG
1992	12	103.0	95.8	106.1	99.2
1994	12	103.5	94.3	102.9	100.1
1997	13	103.8	94.3	103.2	100.8
1998	14	103.5	96.0	103.1	99.7
2000	10	104.5	97.6	101.6	100.1
2005	10	105.5	93.9	106.0	102.2

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

Jaar	Aantal	VA	VP	SL	UD	AH	OB	AP
1992	12	91.2	92.6	104.4	92.3	80.8	91.1	92.3
1994	12	91.9	93.8	104.3	92.3	84.2	91.2	90.8
1997	13	91.8	93.5	102.9	92.9	82.8	92.6	92.6
1998	14	92.6	93.3	102.5	94.1	83.3	92.9	92.6
2000	10	92.2	94.2	103.0	92.8	83.4	92.5	91.7
2005	10	93.0	95.2	104.2	93.7	84.5	92.2	91.9

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

Jaar	Aantal	F	T	U	B	Bs	Ext
1992	12	98.0	94.5	85.6	99.5	0.0	90.7
1994	12	96.9	94.5	87.2	99.3	0.0	91.1
1997	13	98.3	96.1	87.1	100.2	0.0	92.2

1998	14	97.9	94.8	88.2	99.6	0.0	92.3
2000	10	96.3	93.4	87.7	100.8	0.0	91.8
2005	10	98.4	95.7	88.5	101.5	0.0	93.6

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1986	13	103.6	106.6	105.3	106.6	105.5	99.4	88.7	106.1
1988	15	102.4	105.1	104.0	104.9	103.5	98.0	89.6	104.7
1989	16	102.7	107.1	105.4	107.0	104.8	98.7	90.8	106.4
1990	20	102.7	106.9	105.2	106.8	104.7	98.8	90.7	106.2
1991	18	102.6	106.5	104.8	106.2	104.3	98.6	89.6	105.7
1992	18	102.8	107.1	105.5	107.1	105.0	99.0	91.3	106.4
1993	17	102.5	106.2	104.9	106.1	104.3	98.6	90.2	105.8
1994	21	102.8	105.2	104.5	105.3	104.2	98.0	89.7	105.2
1995	16	102.2	105.8	104.4	105.6	103.8	98.4	90.5	105.2
1996	16	102.6	105.7	104.3	105.7	103.9	98.4	90.8	105.2
1997	26	101.8	106.5	104.2	106.1	103.8	98.0	90.5	105.4
1998	26	102.1	106.2	104.2	105.8	103.8	98.0	89.1	105.3
1999	26	102.3	106.5	104.6	106.2	104.2	98.0	89.8	105.7
2000	33	102.0	106.0	104.3	105.7	103.8	98.0	90.1	105.2
2001	26	102.4	105.8	104.5	105.7	104.2	98.3	90.2	105.3
2002	18	102.0	106.6	104.5	106.1	104.2	98.4	90.4	105.6
2003	29	102.6	105.9	104.6	105.8	104.2	98.8	90.7	105.4
2004	35	102.5	106.2	105.0	106.0	104.6	98.5	90.9	105.8
2005	30	102.9	105.7	105.0	105.8	104.6	98.4	90.3	105.6
2006	21	103.0	107.2	106.0	107.3	105.4	98.6	89.9	106.9
2007	20	103.2	106.2	105.3	106.8	105.3	97.7	91.2	106.5
2008	23	101.4	107.3	105.2	106.8	104.2	97.4	92.8	106.2
2009	19	100.9	107.9	105.2	107.4	104.1	97.7	93.1	106.5
2010	13	103.7	105.8	106.2	106.5	105.8	99.2	91.8	106.5
2012	10	102.8	106.1	105.5	106.6	105.3	98.7	91.5	106.3
2015	14	102.7	104.1	104.5	105.0	104.4	98.4	94.1	105.1
2016	12	101.1	105.6	104.3	105.6	103.8	97.6	93.9	105.2

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

Jaar	Aantal	MS	Kar	SCC	SKM	KM
1986	10	98.0	94.2	101.8	103.0	104.4
1988	10	98.0	66.5	101.8	102.1	104.2
1992	12	99.5	79.7	101.6	101.8	104.2
1994	13	96.2	87.4	100.7	102.1	103.6
1997	15	97.3	94.3	102.6	103.3	103.6
1998	14	99.1	94.5	101.4	102.1	103.8
1999	10	99.3	85.7	101.0	101.4	103.7
2000	10	101.3	96.2	101.6	101.9	104.0
2005	10	98.8	95.9	103.2	103.1	104.0

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1986	13	-96.9	-361.0	-34.0	104.2	106.1	86.3	99.8	101.2
1988	15	-106.7	-379.2	-128.0	103.7	104.7	88.0	98.9	101.3
1989	16	-112.9	-410.1	-107.7	104.1	106.4	86.7	100.1	101.4
1990	23	-102.3	-369.1	-99.5	103.9	106.2	85.4	98.6	101.7
1991	18	-96.8	-354.7	-90.9	104.1	105.7	86.9	99.4	101.8
1992	21	-93.7	-344.6	-72.2	103.7	106.4	85.6	99.5	101.7
1993	18	-91.5	-319.0	-108.6	103.2	105.8	86.7	99.3	101.1
1994	23	-83.4	-270.9	-81.2	103.4	105.2	87.2	99.3	100.9
1995	18	-94.4	-328.5	-99.2	103.9	105.2	88.3	97.0	101.1
1996	21	-94.3	-312.3	-69.9	103.3	105.2	86.6	99.5	101.1
1997	26	-52.5	-216.5	-108.2	103.9	105.4	87.1	100.2	102.3
1998	26	-80.0	-278.2	-73.4	103.4	105.3	88.2	99.6	102.0
1999	25	-85.7	-288.2	-82.4	103.0	105.7	88.0	99.4	101.4
2000	30	-65.9	-248.5	-66.5	103.5	105.2	87.7	100.8	101.7
2001	25	-70.6	-251.0	-78.2	103.0	105.3	88.1	99.7	100.3
2002	18	-62.1	-209.7	-61.4	103.0	105.6	87.3	101.4	102.3
2003	21	-45.3	-206.6	-3.4	103.5	105.4	89.6	102.9	101.9
2004	19	-47.9	-218.6	-68.4	104.1	105.8	86.8	101.6	101.2
2005	23	-50.7	-216.9	-61.9	104.1	105.6	88.5	101.5	102.0
2006	17	-66.3	-256.7	-108.9	103.8	106.9	88.5	101.7	102.3
2007	16	-14.1	-127.8	-21.1	104.5	106.5	86.1	101.6	102.2
2008	23	-16.6	-143.1	2.0	103.2	106.2	88.1	102.2	101.9
2009	10	2.2	-108.3	55.7	104.6	106.5	88.0	100.4	102.2
2015	14	60.1	36.4	134.2	103.4	105.1	0.0	0.0	102.3
2016	11	41.3	-14.0	130.7	103.8	105.2	0.0	0.0	102.2

Tabel: 233 Montbéliard: Levensvatbaarheidskenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	LVg	LVA	LVg1	LVA1	LVg2	LVA2
1986	12	95.6	104.2	95.6	104.2	96.4	104.3
1988	10	95.3	104.3	95.3	104.3	96.3	104.7
1989	10	95.1	104.2	95.1	104.2	96.8	103.8
1990	13	95.5	104.5	95.5	104.5	96.6	104.1
1992	12	96.0	104.6	96.0	104.6	97.3	104.2
1993	15	95.1	104.1	95.1	104.1	95.8	104.5
1994	14	94.6	104.1	94.6	104.1	95.7	104.1
1995	10	95.2	104.3	95.2	104.3	96.6	103.8
1996	10	95.7	104.2	95.7	104.2	97.0	104.8
1997	24	96.0	105.2	96.0	105.2	97.7	105.5
1998	15	95.3	105.4	95.3	105.4	97.3	105.1
1999	14	94.5	104.9	94.5	104.9	95.9	104.6
2000	17	94.8	105.0	94.8	105.0	96.9	104.7
2003	10	94.1	105.9	94.1	105.9	96.8	104.8
2004	18	95.0	104.8	95.0	104.8	97.3	104.6
2005	16	95.2	105.0	95.2	105.0	96.8	104.1
2007	12	94.6	105.4	94.6	105.4	95.2	105.3
2008	10	95.1	104.9	95.1	104.9	96.5	104.6
2009	12	95.3	95.8	95.3	95.8	96.5	96.0

Tabel: 234 Montbéliard: Geboortekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
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1986	11	92.1	110.6	111.3	89.5	76.5	75.9
1989	10	90.8	110.1	111.7	108.3	90.4	92.9
1990	14	91.2	109.9	111.8	85.9	71.1	72.7
1991	10	90.3	110.7	112.7	98.1	81.3	81.9
1992	11	91.9	109.9	110.7	88.6	75.1	76.7
1993	12	90.7	109.2	112.4	92.5	76.8	75.6
1994	14	91.1	109.6	111.9	102.9	85.4	84.8
1995	12	90.8	109.4	112.2	64.2	52.3	52.6
1996	10	89.8	109.9	113.3	100.6	80.3	80.9
1997	24	91.2	109.3	111.8	111.7	88.6	89.9
1998	16	90.9	110.3	112.1	103.6	83.4	85.7
1999	13	89.9	109.8	112.7	93.2	76.5	79.1
2000	19	91.7	109.7	111.2	86.1	71.2	74.0
2001	10	91.2	109.6	111.9	87.5	71.7	73.9
2003	11	90.2	109.0	113.1	90.1	75.6	75.2
2004	18	90.7	110.5	112.3	92.4	75.7	76.8
2005	15	91.7	110.3	111.3	110.0	92.0	93.1
2007	12	91.2	109.3	111.4	102.2	84.6	84.6
2008	10	90.6	110.1	112.0	109.6	92.0	93.9
2009	18	90.4	109.9	112.2	85.4	72.3	72.7
2010	11	89.2	111.0	114.2	88.5	76.0	78.5
2015	18	91.6	109.2	111.0	106.3	94.5	95.7
2016	11	91.4	108.7	111.2	104.7	95.5	98.1

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	104.5	121.9	98.8	104.7	114.6	104.6	100.7	96.5	118.0	103.6	106.5
1988	15	105.5	119.7	99.2	103.9	114.5	103.2	102.7	96.2	116.1	103.7	106.5
1989	11	107.2	120.5	99.0	104.7	116.8	103.3	104.1	95.7	117.9	103.0	108.8
1990	16	105.2	120.7	99.3	104.0	115.4	104.1	101.9	95.4	117.9	103.1	107.6
1991	12	105.2	121.4	99.7	105.0	114.6	104.6	101.5	96.7	117.7	103.7	107.2
1992	12	106.2	121.1	99.1	104.8	116.1	103.8	102.8	96.1	118.0	103.2	108.5
1993	12	103.4	120.2	99.2	105.0	112.8	104.8	100.3	94.8	116.7	103.2	107.2
1994	17	104.2	120.4	98.5	105.1	113.5	104.4	100.7	96.1	116.8	103.0	106.8
1995	14	104.2	120.1	98.6	104.9	113.3	104.4	101.1	95.9	116.1	103.5	106.7
1996	12	104.9	121.2	98.6	105.9	113.8	104.4	102.0	95.4	116.8	103.8	107.9
1997	23	104.0	120.4	98.6	105.7	112.2	105.0	100.6	96.3	116.1	103.1	107.5
1998	18	104.3	120.0	98.5	105.1	112.8	104.1	101.1	96.5	115.7	102.8	106.9
1999	14	105.4	119.9	98.7	104.6	114.5	103.4	102.4	95.7	116.3	102.9	107.1
2000	20	105.5	119.2	99.0	104.6	114.4	103.2	102.7	96.0	115.7	102.8	107.2
2001	13	106.2	120.3	99.5	105.8	114.5	104.5	103.1	96.5	116.7	104.5	108.4
2002	10	105.1	119.8	98.9	106.0	112.6	104.9	102.0	97.3	115.3	104.3	107.3
2003	16	104.7	119.2	99.8	105.0	112.7	104.7	101.1	97.6	115.4	103.9	106.7
2004	23	105.2	119.8	98.7	105.3	113.3	104.2	101.9	97.1	116.0	103.4	107.5
2005	19	104.7	120.3	98.7	104.8	113.0	104.5	100.9	97.5	116.8	103.3	107.1
2006	13	106.3	118.5	100.0	104.9	114.2	103.7	103.2	97.1	115.7	104.1	107.3
2007	15	105.1	119.7	98.9	106.5	112.5	104.7	102.5	96.4	115.1	104.4	107.3
2008	18	106.2	121.3	98.0	108.7	111.6	104.1	102.9	98.4	116.4	103.7	110.0
2009	13	105.0	119.7	99.7	106.8	112.4	104.4	102.4	95.6	115.7	103.8	108.5

Tabel: 236 Montbéliard: Kalvervitaliteit

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	KaVi1	KaVi2	KaVi3
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1986	11	91.9	98.6	83.5
1988	10	93.1	97.3	87.4
1989	10	94.5	99.7	84.9
1990	13	94.9	100.3	85.4
1991	10	94.5	99.8	85.9
1992	11	94.5	100.0	84.7
1993	13	93.8	99.2	86.6
1994	14	93.0	98.4	86.4
1997	24	94.4	99.3	85.3
1998	15	94.8	99.9	84.3
1999	12	95.5	100.8	86.2
2000	16	97.2	101.6	87.2
2004	18	93.8	99.2	86.3
2005	15	93.5	98.9	85.8
2007	12	91.5	98.6	82.2
2009	11	93.7	99.2	84.5

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2001	23	-1437.4	-6096.4	-241.7	-206.4
2002	18	-1211.4	-4686.1	-212.3	-171.0
2003	21	-897.2	-3441.3	-160.9	-124.9
2004	18	-1285.1	-4953.2	-233.7	-176.9
2005	23	-1265.0	-5010.2	-230.7	-173.1
2006	17	-1634.4	-6315.8	-286.1	-230.8
2007	16	-670.1	-2580.7	-119.9	-93.4
2008	23	-589.1	-2249.5	-106.2	-81.7
2009	13	-230.9	-400.1	-49.1	-29.8
2015	14	932.7	4496.9	145.4	137.9
2016	11	663.3	2873.6	98.1	101.8

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

Jaar	Aantal	Eff	Int	Gewen
1994	13	96.5	105.0	98.3
1996	10	97.0	106.7	98.4
1997	21	96.3	105.4	97.6
1998	14	96.9	105.9	97.8
2000	10	100.3	107.7	96.8
2004	12	96.7	106.2	98.0

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1985	11	101.8	98.5	11	-4.4	0	0.0
1986	14	102.8	98.4	14	-3.0	0	0.0
1988	22	101.9	99.1	22	-3.9	0	0.0
1989	24	100.0	97.9	24	-3.8	0	0.0

1990	26	100.7	98.2	26	-3.4	0	0.0
1991	19	102.1	99.4	19	-3.0	0	0.0
1992	23	101.0	97.2	23	-2.9	0	0.0
1993	19	100.7	97.8	19	-2.5	0	0.0
1994	23	101.3	97.6	23	-2.2	0	0.0
1995	19	101.6	98.3	19	-3.4	0	0.0
1996	22	102.2	97.8	22	-2.5	0	0.0
1997	26	102.4	99.0	26	-1.3	0	0.0
1998	26	101.7	98.5	26	-1.8	0	0.0
1999	26	101.5	97.5	26	-2.0	0	0.0
2000	30	102.1	97.9	30	-1.6	0	0.0
2001	25	102.7	97.7	25	-1.5	7	102.4
2002	18	103.6	97.5	18	-0.5	7	105.6
2003	21	105.4	98.1	21	-0.8	7	106.1
2004	19	102.4	97.6	19	-1.1	5	105.2
2005	23	103.1	97.1	23	-1.0	10	104.6
2006	17	100.8	97.5	17	-0.9	6	106.8
2007	16	102.9	97.1	16	0.2	7	108.0
2008	23	103.3	98.5	23	-0.1	8	107.4
2009	10	104.6	98.2	13	0.1	8	106.2
2015	14	104.5	94.9	14	1.3	0	0.0
2016	11	103.8	94.7	11	1.0	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	97.9	97.7	93.6	94.3	93.3	85.0	56.3	93.8
1984	17	97.2	98.1	93.2	94.6	92.6	84.4	60.6	93.7
1985	21	98.1	98.0	93.8	94.7	93.7	86.1	58.3	94.1
1986	23	97.3	98.1	93.6	94.8	93.3	85.3	59.3	94.0
1987	46	96.2	98.4	92.6	94.4	91.9	83.8	60.3	93.3
1988	39	97.3	97.8	93.1	94.2	92.6	84.8	59.7	93.4
1989	45	96.4	98.0	92.5	94.2	91.8	84.1	60.3	93.1
1990	58	97.1	98.3	93.4	94.9	92.8	85.3	63.8	93.9
1991	45	97.5	97.6	93.2	94.3	92.8	85.0	62.1	93.5
1992	78	97.5	97.5	93.2	94.2	92.8	84.8	60.3	93.5
1993	66	97.3	97.5	93.1	94.2	92.6	84.6	61.1	93.4
1994	87	97.2	98.0	93.3	94.6	92.5	84.5	63.6	93.7
1995	116	97.6	98.0	93.5	94.8	92.9	85.3	64.9	93.9
1996	123	97.0	98.1	93.5	94.8	92.8	84.8	63.6	93.9
1997	147	97.6	97.8	93.7	94.7	93.1	85.3	64.5	94.0
1998	173	96.9	98.1	93.4	94.8	92.5	84.7	63.8	93.8
1999	176	97.2	98.0	93.3	94.6	92.7	85.1	63.8	93.7
2000	213	97.2	98.1	93.7	95.0	93.1	85.6	64.2	94.1
2001	169	97.0	98.3	93.4	94.8	92.6	84.6	62.5	93.9
2002	203	97.2	98.2	93.5	94.8	92.8	85.1	63.5	93.9
2003	214	97.3	97.7	93.1	94.4	92.7	84.8	61.8	93.5
2004	191	97.5	98.0	93.6	94.7	93.0	85.4	63.4	93.9
2005	163	97.5	97.7	93.3	94.5	92.8	85.3	63.2	93.7
2006	199	97.6	97.8	93.3	94.6	93.0	85.0	61.7	93.7
2007	212	97.8	97.7	93.5	94.7	93.2	85.3	62.2	93.9
2008	200	97.6	97.8	93.3	94.7	93.1	85.5	62.8	93.8
2009	162	97.7	97.9	93.5	94.7	93.1	85.5	62.5	93.8
2010	107	97.6	97.4	93.2	94.4	93.0	85.5	62.3	93.5
2011	146	97.7	97.5	93.2	94.3	93.0	85.4	62.5	93.5
2012	138	97.8	97.7	93.4	94.6	93.1	85.4	61.9	93.8
2013	150	97.8	97.5	93.2	94.4	93.0	85.2	61.8	93.5
2014	109	97.9	97.3	93.5	94.4	93.4	86.0	62.8	93.7
2015	63	97.7	97.3	93.4	94.3	93.3	85.7	62.5	93.6

2016 18 97.2 97.7 93.3 94.3 92.8 85.2 63.2 93.5

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
1980	11	67.7	123.5	134.5	11.5	7.6	7.7
1987	11	64.8	125.3	137.4	11.8	7.7	7.9
1989	19	65.6	125.1	136.5	20.1	13.3	13.3
1990	16	66.1	124.4	136.0	16.4	10.1	10.0
1991	14	63.6	124.4	138.4	9.1	5.9	6.2
1992	20	67.5	125.2	134.6	45.2	29.2	28.9
1993	19	67.3	124.4	135.1	61.5	39.6	39.3
1994	21	66.8	124.8	135.4	12.0	8.0	7.9
1995	25	66.4	124.4	135.9	30.9	20.2	20.5
1996	11	69.1	122.7	133.3	47.0	30.4	29.8
1997	26	67.6	124.4	134.7	34.5	22.7	22.7
1998	24	66.3	125.2	135.8	64.4	41.6	42.1
1999	24	67.1	124.1	135.2	53.8	34.8	34.8
2000	45	67.8	124.6	134.3	62.6	41.3	41.8
2001	24	67.3	124.7	134.8	63.5	42.2	42.8
2002	24	69.2	124.0	133.0	74.6	49.5	49.7
2003	44	69.0	124.3	133.3	82.2	53.5	52.7
2004	26	67.5	123.3	134.7	64.7	42.0	40.9
2005	40	68.0	124.4	134.3	77.7	50.4	50.2
2006	58	68.1	124.1	134.2	86.8	56.7	56.6
2007	74	67.4	124.3	134.8	113.1	74.0	73.2
2008	72	67.8	124.7	134.4	112.1	73.7	74.1
2009	79	69.1	123.2	133.2	108.6	70.8	70.6
2010	71	68.2	123.4	134.0	104.4	68.3	67.6
2011	67	69.1	122.5	133.3	113.0	72.6	71.9
2012	59	69.1	122.6	133.5	101.8	65.8	65.7
2013	60	69.2	123.2	133.2	98.0	63.6	63.1
2014	63	68.7	122.9	133.7	87.8	56.0	56.3
2015	65	68.6	123.7	133.8	94.8	60.8	60.9
2016	37	67.8	124.1	134.5	76.0	49.5	49.7
2017	43	69.3	121.7	133.1	41.9	26.7	27.1
2018	35	68.9	123.8	133.2	14.7	9.4	9.6

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	148.9	105.8	131.1	131.0	116.2	107.8	102.7	133.2	118.7	122.0
1989	13	117.8	148.8	106.3	134.1	129.9	118.7	107.9	102.4	132.5	119.9	125.7
1990	16	117.2	148.6	105.6	133.0	129.6	117.1	107.6	102.1	132.1	118.4	124.1
1991	18	115.9	147.7	104.6	133.0	127.4	116.8	106.9	102.0	130.6	118.1	122.4
1992	23	116.9	148.7	106.9	131.8	131.0	117.8	106.7	101.8	133.0	119.3	124.0
1993	19	116.3	147.1	105.9	133.4	128.2	118.4	106.7	101.9	130.5	119.6	123.9
1994	14	115.9	148.6	105.7	133.4	128.4	117.8	106.5	101.4	130.9	119.1	123.4
1995	22	116.2	148.0	105.6	133.4	128.8	118.5	106.5	101.4	131.5	119.5	124.4
1996	16	115.7	146.7	104.7	132.7	128.0	117.9	106.2	101.6	130.8	118.2	123.8
1997	35	115.8	147.7	105.6	131.7	129.5	117.3	105.9	101.3	131.9	118.0	122.8
1998	26	116.7	148.9	104.6	134.8	128.3	117.8	107.4	101.5	131.4	118.7	124.7
1999	23	116.3	149.0	105.4	133.4	129.4	117.8	106.5	101.7	132.2	119.2	123.3
2000	51	115.6	147.7	105.0	133.1	128.2	117.7	106.2	101.3	130.8	118.6	122.6

2001	39	116.3	147.6	104.3	134.6	126.8	117.6	107.5	102.1	130.0	118.6	124.0
2002	46	115.8	147.1	105.1	133.2	127.5	117.7	106.4	101.8	130.8	118.5	123.5
2003	54	116.4	147.7	104.7	133.2	128.5	117.4	106.9	101.8	131.3	118.1	123.5
2004	44	117.0	147.1	104.5	133.6	128.1	117.1	107.7	102.2	130.6	117.8	124.2
2005	57	116.4	146.8	104.8	134.0	127.3	117.6	107.5	101.5	130.1	118.3	124.3
2006	76	116.2	146.4	105.4	132.6	127.6	117.2	107.2	101.6	130.2	117.9	124.1
2007	89	116.0	145.7	105.0	132.8	126.8	117.4	107.2	101.6	129.7	117.8	124.3
2008	82	117.0	147.4	104.5	134.5	127.9	117.6	107.9	101.8	131.2	118.0	125.8
2009	72	116.6	146.2	104.1	134.6	126.4	117.5	108.0	101.5	129.6	117.6	125.8
2010	53	115.6	146.9	105.2	134.3	126.4	117.9	106.7	101.1	129.9	118.1	124.9
2011	62	115.8	147.3	105.7	134.7	126.5	118.3	107.0	101.4	130.3	118.5	125.4
2012	44	114.6	145.3	105.7	132.0	126.0	117.9	105.8	101.2	129.2	118.4	122.5
2013	38	115.1	146.3	105.6	132.3	126.8	117.7	105.9	101.2	130.5	118.5	123.0
2014	14	114.2	142.9	107.6	129.0	126.2	117.7	105.1	101.1	128.9	118.3	121.9

Tabel: 243 Normande: Melkproductiekenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	kgM	kgV	kgE	kgL	%V	%E	%L	INET
1988	10	-2330.2	-90.9	-77.3	-106.2	23.7	11.4	-0.4	-539.7
1995	14	-2181.9	-87.1	-73.1	-99.7	18.0	9.2	-0.6	-512.6
2004	22	-1997.5	-77.8	-67.7	-53.9	19.6	7.3	60.7	-457.2
2005	10	-1919.3	-77.9	-63.2	-65.7	13.4	9.7	33.9	-442.5
2006	13	-2068.8	-85.0	-68.2	-64.4	12.8	10.5	49.2	-477.2
2007	24	-1913.3	-75.0	-65.2	-57.4	17.7	6.1	48.0	-442.0
2008	14	-2018.0	-79.9	-65.8	-66.1	17.9	11.9	42.9	-457.2

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

Tabel: 244 Normande: Vruchtbaarheidskenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
1995	15	103.7	105.8	105.0	106.0	103.7	101.2	84.5	105.9
2004	22	103.4	106.0	104.9	106.1	103.4	100.6	85.0	105.7
2005	10	103.3	105.9	104.8	105.9	103.2	100.3	85.5	105.7
2006	14	103.6	105.4	104.8	105.7	103.4	100.9	85.7	105.6
2007	24	104.3	105.8	105.7	106.6	104.3	101.7	85.5	106.5
2008	13	103.6	104.8	104.2	105.1	103.2	100.9	84.2	104.9

Tabel: 245 Normande: NVI met onderliggende kenmerken

Basis: Melkdoel rood

Land: VL

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
1995	14	-160.1	-512.6	0.0	99.6	105.9	83.0	92.0	99.0
2004	22	-163.9	-457.2	-467.1	101.5	105.7	0.0	0.0	0.0
2005	10	-153.2	-442.5	-299.6	100.3	105.7	0.0	0.0	0.0
2006	13	-176.9	-477.2	-454.2	100.5	105.6	0.0	0.0	0.0
2007	24	-150.8	-442.0	-383.3	100.9	106.5	0.0	0.0	99.0
2008	14	-169.9	-457.2	-420.0	100.4	104.9	0.0	0.0	0.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2004	21	-4195.1	-17439.5	-698.5	-599.0
2005	10	-3356.6	-14217.5	-563.2	-478.8
2006	13	-4181.7	-17391.2	-708.4	-592.4
2007	23	-3736.7	-15589.9	-620.8	-535.7
2008	13	-3959.3	-16636.2	-665.2	-563.4

Tabel: 247 Normande: Overige productie en efficiency kenm.
 Basis: Melkdoel rood
 Land: VL

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
1988	10	103.8	96.0	10	-6.3	0	0.0
1995	14	103.0	93.5	14	-5.0	0	0.0
2004	22	105.2	93.8	22	-3.6	0	0.0
2005	10	105.8	93.1	10	-3.9	0	0.0
2006	13	102.8	92.6	13	-4.0	0	0.0
2007	24	106.1	93.7	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	33	-125.9	-2.2	-17.7	-5.1	5.6	-20.5	1.2	-78.7
2014	34	-52.2	-2.1	-15.2	-0.8	0.7	-20.4	2.8	-67.2
2015	36	-130.1	-4.2	-17.0	-2.4	2.7	-18.4	5.8	-79.3
2016	36	-196.9	-6.4	-18.9	-2.4	4.5	-17.6	10.8	-91.4

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

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

Jaar	Aantal	NR56	IAI	IEL	TKT	DP_ko	DP_pi	LEI	Vru
2013	34	100.7	101.5	100.7	101.1	100.9	102.8	94.7	101.0
2014	28	100.8	101.1	100.5	100.8	100.8	102.8	94.6	100.7
2015	21	100.5	100.8	100.1	100.4	100.4	102.7	94.8	100.3

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

Jaar	Aantal	NVI	INET	Lvd	Ugh	Vru	U	B	Gin
2013	33	-9.4	-78.7	71.4	101.3	101.0	0.0	0.0	0.0
2014	34	0.5	-67.2	127.6	102.3	100.7	0.0	0.0	0.0

2015	36	-10.0	-79.3	111.6	102.2	100.3	0.0	0.0	0.0
2016	35	-18.7	-91.4	85.2	102.5	101.8	0.0	0.0	0.0

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

Jaar	Aantal	Geb	DDt	DGw	Afk	MDt	MGw
2017	36	84.5	105.5	120.1	0.0	0.0	0.0
2018	27	84.8	105.9	119.9	0.0	0.0	0.0

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

Jaar	Aantal	LPin	LPkgM	LPkgV	LPkgE
2013	30	-224.0	567.2	-11.0	-50.9
2014	27	293.3	2898.9	78.7	21.4
2015	21	151.0	2447.2	56.6	-0.5

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

Jaar	Aantal	Pers	RTM	Aantal	DSopn	Aantal	Gew
2013	33	98.5	93.2	33	-0.4	0	0.0
2014	34	98.8	92.7	34	-0.3	0	0.0
2015	36	99.1	92.5	36	-0.5	0	0.0
2016	36	99.3	92.9	36	-0.7	0	0.0