

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

# MAROCHEL BONSMARAS

Veilingsdatum / Auction Date:  
**27 October 2022**

Data soos op / Data as on:  
**28 September 2022**



## SALES UNDER AUSPICES OF BONSMARA SA

Bonsmara stud breeding is subject to the stipulations of the Livestock Improvement Act and conforms to the standards of Bonsmara SA. The Society therefore has the right to implement certain controls to ensure the accuracy of information regarding Parentage, Performance and Estimated Breeding Values.

Information regarding Parentage, Performance and Estimated Breeding Values of animals, as supplied by the breeder, have been verified and compared to the official database of LOGIX BEEF. Bonsmara SA therefore, confirms the accuracy of such information.

To the knowledge of the Society these controls have been carried out accurately. However, the Society does not take any responsibility for incorrect information through printing errors or incorrect information provided by the breeder.

Animals on such sales have been visually screened by Inspectors of Bonsmara SA and comply with the Bonsmara Minimum Breed Standards as stipulated by the Society.

### The Society DOES NOT have any control over:

- Immunization and health status of animals
- Pregnancy status of cows and heifers
- Suitability of a bull for breeding
- Fertility status as well as venereal diseases and
- Commercial animals

Since the above is not classified as information regarding Parentage, Performance and Estimated Breeding Values, it DOES NOT fall within the jurisdiction of the meaning "Under the Auspices of Bonsmara SA".



## VEILINGS ONDER BESKERMING VAN BONSMARA SA

Bonsmara stoetteling wat onderhewig is aan die bepalings van die Veeverbeteringswet, vind plaas onder die vaandel van Bonsmara SA. Daarom behou die Genootskap hom die reg voor om kontroles volgens bepaalde procedures uit te oefen ten opsigte van Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes.

Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes soos deur die teler voorsien vir die doel van hierdie katalogus, is gekontroleer en vergelyk met die amptelike databasis soos gehou deur LOGIX BEEF. Bonsmara SA bevestig dus die korrektheid van sodanige inligting.

Alhoewel die kontroles na die beste wete van die Genootskap gedoen is, kan die Genootskap egter nie verantwoordelik gehou word vir foutiewe inligting as gevolg van drukkersfoute of verkeerde inligting deur die telers verskaf nie.

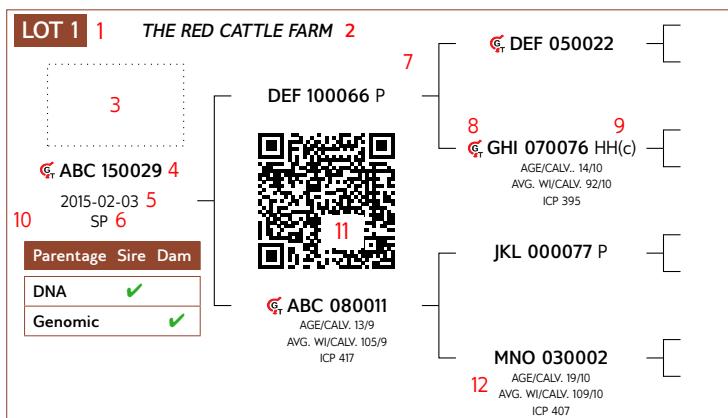
Diere wat op hierdie veilings aangebied word, is onderwerp aan 'n proses van visuele inspeksie deur Keurders van Bonsmara SA en voldoen aan die Bonsmara Minimum Rasstandarde soos bepaal deur die Genootskap.

### Die Genootskap het egter GEEN beheer oor:

- Immunisering en gesondheidstatus van diere
- Dragtigheidstatus van koeie en verse
- Teelgesiktheid van bulle
- Vrugbaarheidstatus, asook geslagsiektes en
- Kommersiële diere nie.

Aangesien bogenoemde nie val onder die bedoeling met Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes nie, sorteer dit NIE onder die jurisdiksie van die bedoeling "Onder beskerming van Bonsmara SA" nie.

## ANIMAL AND PEDIGREE INFORMATION



1. Lot Number
2. Owner of the animal
3. Herd's logo (if available)
4. Animal Identification Number
5. Birth date
6. Herd book section - NFR / PEN / FO / A / B / SP
7. Four (4) generation pedigree
8. Genomic testing - it is indicated with the GT logo
9. Polled Status - the status will only be printed for animals that have been tested
10. Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
11. QR Code - This code can be scanned with a smart device. It redirects to the animal's information on [www.SABeefBulls.com](http://www.SABeefBulls.com) where all information for the animal is available.
12. Dam information
  - Age and Number of Calvings
  - Average Wean Index and Number of Calves Weaned
  - Intercalving Period

## MYOSTATIN STATUS

The animal's status, if tested for myostatin variants, is indicated as follows:

- Not Tested
- 0 - Normal
- 1 - Heterozygous / Carrier of Double-Muscling gene
- 2 - Homozygous / Double-Muscled

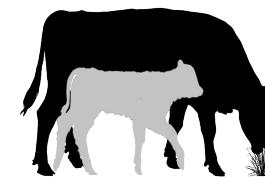
## LOGIX SELECTION VALUES

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
109 1	98 2	111 3	99 4	101 5	98 6	103 7

### 5 L $\varnothing$ GIX Cow Value

Selection of:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves

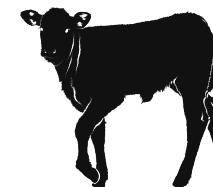


1 Calving Ease Value	EBVs Birth Direct & Maternal
Calf Growth Value	EBV Wean Direct
3 Fertility Value	EBVs Cow & Heifer Fertility, EBV Longevity
Milk Value	EBV Wean Maternal
4 Maintenance Value	EBVs Mature weight & Milk

### 2 L $\varnothing$ GIX Weaner Calf Value

Selection of:

- Heavier weaning weights,
- with more milk,
- but restricted birth weight



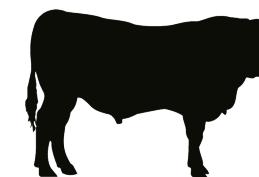
### 7 L $\varnothing$ GIX Carcass Value

Selection for higher meat yield on carcass

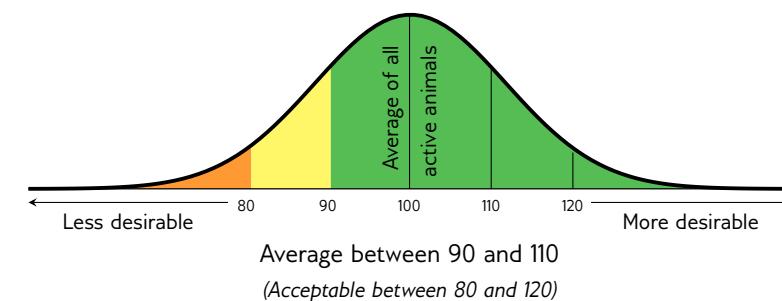


### 6 L $\varnothing$ GIX Growth Value

Selection of efficient growers on veld & in the feedlot



## INTERPRETATION OF BREEDING VALUE INDICES



## EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

Traits			Description/Measurement			Goal			General Guidelines					
									<80	<90	90-110	>110	>120	
Selection Values	5	Cow Value	CV	Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value)		Profitable Cow	Loss							Profit
	1	Calving Ease Value	CEV	Risk for calving problems (calf too heavy) vs calf too small		Average birth weight	High							Low
		Calf Growth Value	CGrV	Calf's genetic ability for pre-weaning growth		Heavy weaner calf	Light							Heavy
		Milk Value	MilkV	Cow's genetic mothering and milking ability		Enough milk for the calf	Less							More
	4	Maintenance Value	MntV	Maintenance requirements of cow (cow weight and milk)		Low cow maintenance	High							Low
	3	Fertility Value	FertV	Fertility and retention of cows and heifers		Fertile cows	Low							High
	2	Weaner Calf Value	WnCV	Combination of calf's weight and cow's milk		Heavy weaner calves	Light							Heavy
	6	Growth Value	GV	Efficient growth on veld and in feedlot (Rand-value)		Profitable growth	Loss							Profit
	7	Carcass Value	VarcV	Meat on carcass (Weight and RTU EBVs)		More meat on the carcass	Less							More
		Production Value	PV	Combination of Cow- and Growth values (Rand-value)		Profitable animals	Loss							Profit
Cow & Heifer	8	Birth Weight Direct	BD	Birth weight (Calf's genetic ability)		Average birth weight	Heavy							Light
		Birth Weight Maternal	BM	Birth weight (Cow's genetic ability)		Easy calving	Heavy							Light
	9	Weaning Weight Direct	WD	Weaning weight (Calf's genetic ability)		Heavy weaner calves	Light							Heavy
	10	Weaning Weight Maternal	WM	Weaning weight (Cow's genetic ability)		Good mothers	Poor							Good
	18	Mature Cow Weight	MW	Cow weight at weaning of first three calves		Average mature cow weight	Light							Heavy
		Cow-Calf Birth	CCB	EBV Birth Direct / EBV Mature Cow weight		Average	Low							High
		Cow-Calf Wean	CCW	EBV Wean Direct / EBV Mature Cow weight		High calf-cow ratio	Low							High
Fertility	12	Heifer Fertility	HF	Age at first calving		Fertile heifers	Less							More
	13	Cow Fertility	C.F.E.	First 3 inter-calving periods (ICPs)		Fertile cows	Less							More
	11	Scrotal Circumference	SC	Scrotal circumference as measured during the growth test		Fertile bulls	Less							More
	14	Longevity	LG	Retention of progeny		Acceptable progeny	Poor							Good
Growth & Frame	15	Post-Wean Weight	PWn	12- and 18 month weights		Good post-wean growth	Low							* High
	16	Average Daily Gain	ADG	Average daily gain		Good growth	Poor							Good
	17	Feed Conversion Ratio	FCR	100g feed intake / g weight gain		Feed efficiency	Poor							Good
		Final Test Weight	FW	Final weight in the growth test		Heavy carcass	Light							Heavy
	19	Height	H	Shoulder / Hip height in growth test		Average height	Short							Tall
	20	Length	L	Length in growth test		Longer for more muscle	Short							Long
Carcass	24	Length-Height Ratio	LH	EBV Length / EBV Height		Longer rather than tall	<1							>1
	21	Eye Muscle Area	EMA	RTU measured eye muscle area		Bigger steaks	Small							Big
	22	Fat Thickness	Fat	RTU measured P8 backfat thickness		Carcass quality	Thin							Thick
	23	Marbling	Mar	RTU measured % of intra-muscular fat		Juicy meat	Low							High
		Dressing Percentage	D%	Carcass weight / Live weight		High dressing percentage	Low							High

\* Determined by own selection goal

## GENETIC VALUES - BUILDING BLOCKS

Calf and Mother			Fertility			Post-Wean Growth			Frame			Carcass			
Birth Dir.	Wean Dir.	Wean Mat.	Scrot. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
99	99	90	97	75	92	85	100	94	93	92	123	110	104	100	79

The Logix Selection Values are compiled of specific genetic building blocks, as indicated in the selection value descriptions on the previous page. These genetic building blocks are indicated in the catalogue by their Breeding Value Indices.

## PHENOTYPIC VALUES

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	104	105	122	117	327	1.22
			16	17	11	24

- Wean, 365D, 504D, ADG and FCR Indices - phenotypic index obtained within the animal's contemporary group
- Scrotum - adjusted scrotal circumference, in mm, as measured during the growth test
- Length-Height Ratio (LH) - the animal's length / height ratio as measured during the growth test

**BULLS**

LOT 1	MAROCHEL BONSMARAS	AG 140017	TOR 050216	AG 010051	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value						
				RAI 020013 AGE/CALV. 3/2 AVG. WI/CALV. 110/2	103	96	104	100	104	105	102						
MCU 180235 Pp(c) 2018-11-12 SP	  	MCU 120171 Pp(c) AGE/CALV. 7/5 AVG. WI/CALV. 105/5 ICP 419	AG 040372 AGE/CALV. 13/11 AVG. WI/CALV. 100/10 ICP 406	AG 020145	<b>Calf and Mother</b>	<b>Fertility</b>	<b>Post-Wean Growth</b>	<b>Frame</b>	<b>Carcass</b>								
				AG 950083 AGE/CALV. 17/12 AVG. WI/CALV. 102/11	Birth Dir. 110	Wean Dir. 90	Wean Mat. 120	Scr. Circ. 111	Heifer Fert. 101	Cow Fert. 98	Longev. 115	Post Wean 94	ADG 107	FCR 105	Mature Weight 97	Height 101	Length 102
Parentage Sire Dam DNA ✓ ✓ Genomic	MCU 080011 Pp(c) AGE/CALV. 10/7 AVG. WI/CALV. 117/7 ICP 460	MCU 040120 P MCU 050087 AGE/CALV. 15/13 AVG. WI/CALV. 100/12	AEJ 100020 AG 020251 AEJ 050214 AGE/CALV. 14/12 AVG. WI/CALV. 103/12	AEJ 050214 AGE/CALV. 14/12 AVG. WI/CALV. 103/12	Wean Index 103	365D Index -	540D Index -	ADG Index 99	FCR Index -	Scrotum 339	LH 1.20						
<b>REMARKS:</b> Beproefde versbul												<b>LOGIX</b> GEMTECH GEMTECH	EBV Analysis: 2022-09-20				

LOT 2	MAROCHEL BONSMARAS	MCU 170200 PP(c)	MCU 130151 PP(c)	MCU 100109 Pp(c)	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value						
				MCU 110027 PP(c) AGE/CALV. 7/4 AVG. WI/CALV. 110/4	98	115	112	100	117	108	118						
MCU 200012 PP(c) 2020-04-24 SP	  	MCU 130163 PP(c) AGE/CALV. 7/5 AVG. WI/CALV. 86/4 ICP 381	MCU 100117 P MCU 050014 P AGE/CALV. 11/7 AVG. WI/CALV. 103/6	MCU 100117 P	<b>Calf and Mother</b>	<b>Fertility</b>	<b>Post-Wean Growth</b>	<b>Frame</b>	<b>Carcass</b>								
				JJ 040115	Birth Dir. 97	Wean Dir. 115	Wean Mat. 97	Scr. Circ. 105	Heifer Fert. 104	Cow Fert. 110	Longev. 112	Post Wean 118	ADG 111	FCR 103	Mature Weight 98	Height 107	Length 113
Parentage Sire Dam DNA ✓ ✓ Genomic	MCU 130103 Pp(c) AGE/CALV. 9/6 AVG. WI/CALV. 107/5 ICP 412	MCU 090072 Pp(c) AGE/CALV. 10/9 AVG. WI/CALV. 99/9 ICP 381	MCU 040054 P MCU 050054 P AGE/CALV. 10/7 AVG. WI/CALV. 102/6	MCU 040054 P MCU 050054 P AGE/CALV. 10/7 AVG. WI/CALV. 102/6	Wean Index 102	365D Index -	540D Index -	ADG Index 104	FCR Index -	Scrotum 341	LH 1.23						
				JJ 040115													
<b>REMARKS:</b>												<b>LOGIX</b> GEMTECH GEMTECH	EBV Analysis: 2022-09-20				

LOT 3	MAROCHEL BONSMARAS	MCU 170200 PP(c)	MCU 130151 PP(c)	MCU 100109 Pp(c)	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value						
				MCU 110027 PP(c) AGE/CALV. 7/4 AVG. WI/CALV. 110/4	76	109	109	100	104	112	118						
MCU 200017 Pp(c) 2020-04-27 SP	  	MCU 130163 PP(c) AGE/CALV. 7/5 AVG. WI/CALV. 86/4 ICP 381	MCU 100117 P MCU 050014 P AGE/CALV. 11/7 AVG. WI/CALV. 103/6	MCU 100117 P	<b>Calf and Mother</b>	<b>Fertility</b>	<b>Post-Wean Growth</b>	<b>Frame</b>	<b>Carcass</b>								
				VV 080060 P	Birth Dir. 71	Wean Dir. 122	Wean Mat. 82	Scr. Circ. 121	Heifer Fert. 107	Cow Fert. 102	Longev. 107	Post Wean 119	ADG 113	FCR 106	Mature Weight 99	Height 105	Length 111
Parentage Sire Dam DNA ✓ ✓ Genomic	MCU 160003 Pp(c) AGE/CALV. 6/4 AVG. WI/CALV. 96/3 ICP 415	MCU 070038 HH(c) AGE/CALV. 10/8 AVG. WI/CALV. 98/7 ICP 381	MCU 040120 P MCU 040136 Pp(c) AGE/CALV. 14/9 AVG. WI/CALV. 96/9	MCU 090052 Pp(c) AGE/CALV. 12/9 AVG. WI/CALV. 104/9	Wean Index 104	365D Index -	540D Index -	ADG Index 110	FCR Index -	Scrotum 366	LH 1.23						
				JJ 040115													
<b>REMARKS:</b>												<b>LOGIX</b> GEMTECH GEMTECH	EBV Analysis: 2022-09-20				

**BULLE**

<b>LOT 4</b>		<b>MAROCHEL BONSMARAS</b>	<b>G VV 130330 Pp(c)</b>	<b>G VV 110192</b>	<b>Geboortegemak Waarde</b>	<b>Speenkalf Waarde</b>	<b>Vrugbaarheidswaarde</b>	<b>Onderhouds-waarde</b>	<b>Koeiwaarde</b>	<b>Groei-waarde</b>	<b>Karkas-waarde</b>
<b>G MCU 200066 Pp(c)</b>	2020-06-22 SP	MCU 170039 Pp(c)	MCU 120112 Pp(c) OUD/KALW. 10/6 GEM. SI/KALW. 109/6 TKP 438	MCU 080009 P MCU 080152 OUD/KALW. 5/3 GEM. SI/KALW. 99/3	<b>88</b>	<b>100</b>	<b>91</b>	<b>76</b>	<b>88</b>	<b>130</b>	<b>124</b>
<b>Ouerskap Vaar Moer</b>			<b>G MCU 070007 P</b>	JPL 040139 P MCU 030040 P OUD/KALW. 15/9 GEM. SI/KALW. 110/9	<b>Kalf en Moeder</b>	<b>Vrugbaarheid</b>	<b>Na-Speen Groei</b>	<b>Raam</b>	<b>Karkas</b>		
DNS	✓ ✓		MCU 100110 Pp(c) OUD/KALW. 11/10 GEM. SI/KALW. 103/9 TKP 373	MCU 080082 P OUD/KALW. 13/12 GEM. SI/KALW. 92/12 TKP 367	Geb. Dir. 88 113 94 129 82 100 108	Skr. Omtr. 121 121 99	Na-Speen 130 135 134	Volw. Gewig 106 116 114			
Genomics				MCU 050020 Pp(c) MCU 050124 OUD/KALW. 11/5 GEM. SI/KALW. 103/5	Spn. Indeks 108 -	365D Indeks -	540D Indeks 116	VOV Indeks -	Skrotum 353	LH 1.26	
											<b>Miostatien</b>
											Q204X 0
											NT821 0
											F94L 0

LOGIX EBV Analise: 2022-09-20

**OPMERKINGS:**

<b>LOT 5</b>		<b>MAROCHEL BONSMARAS</b>	<b>G AEJ 100137 HH(c)</b>	<b>AG 020275</b>	<b>Geboortegemak Waarde</b>	<b>Speenkalf Waarde</b>	<b>Vrugbaarheidswaarde</b>	<b>Onderhouds-waarde</b>	<b>Koeiwaarde</b>	<b>Groei-waarde</b>	<b>Karkas-waarde</b>
<b>MCU 170210 Pp(c)</b>	2017-11-05 SP	MCU 140164 Pp(c)	MCU 080078 Pp(c) OUD/KALW. 9/4 GEM. SI/KALW. 99/4 TKP 552	AEJ 030047 OUD/KALW. 11/9 GEM. SI/KALW. 92/8	<b>124</b>	<b>83</b>	<b>95</b>	<b>110</b>	<b>91</b>	<b>79</b>	<b>81</b>
<b>Ouerskap Vaar Moer</b>			<b>G MCU 050020 Pp(c)</b>	<b>MCU 050127 HH(c)</b> OUD/KALW. 12/8 GEM. SI/KALW. 101/8	<b>Kalf en Moeder</b>	<b>Vrugbaarheid</b>	<b>Na-Speen Groei</b>	<b>Raam</b>	<b>Karkas</b>		
DNS	✓ ✓		MCU 090078 P	CEF 050355 MCU 030062 P OUD/KALW. 7/4 GEM. SI/KALW. 106/4	Geb. Dir. 117 71 109 93 87 105 99	Skr. Omtr. 71 83 88	Na-Speen 91 77 86	Volw. Gewig 89 101 93			
Genomics			MCU 090070 Pp(c) OUD/KALW. 13/10 GEM. SI/KALW. 110/9 TKP 357	JJ 040115 MCU 050003 P OUD/KALW. 4/2 GEM. SI/KALW. 79/2	Spn. Indeks 112 -	365D Indeks -	540D Indeks 93	VOV Indeks -	Skrotum 325	LH 1.24	
											<b>Miostatien</b>
											Q204X 0
											NT821 0
											F94L Nie Getoets

LOGIX EBV Analise: 2022-09-20

**OPMERKINGS: Beproeefde versbul**

<b>LOT 6</b>		<b>MAROCHEL BONSMARAS</b>	<b>G HDT 070002</b>	<b>HDT 030078 P</b>	<b>Geboortegemak Waarde</b>	<b>Speenkalf Waarde</b>	<b>Vrugbaarheidswaarde</b>	<b>Onderhouds-waarde</b>	<b>Koeiwaarde</b>	<b>Groei-waarde</b>	<b>Karkas-waarde</b>
<b>G MCU 200029 Pp(c)</b>	2020-05-20 SP	HDT 100131 P	HDT 070031 P OUD/KALW. 9/7 GEM. SI/KALW. 103/6 TKP 361	HDT 000047 OUD/KALW. 12/8 GEM. SI/KALW. 102/6	<b>99</b>	<b>86</b>	<b>108</b>	<b>85</b>	<b>93</b>	<b>98</b>	<b>105</b>
<b>Ouerskap Vaar Moer</b>			<b>G LES 000025</b>	HDT 020026 P OUD/KALW. 12/9 GEM. SI/KALW. 98/9	<b>Kalf en Moeder</b>	<b>Vrugbaarheid</b>	<b>Na-Speen Groei</b>	<b>Raam</b>	<b>Karkas</b>		
DNS	✓ ✓		MCU 100038	MCU 050020 Pp(c) MCU 050032 OUD/KALW. 11/8 GEM. SI/KALW. 98/8	Geb. Dir. 100 97 92 102 103 107 106	Skr. Omtr. 99 104 103	Na-Speen 116 98 97	Volw. Gewig 96 119 112			
Genomics			MCU 130158 Pp(c) OUD/KALW. 8/7 GEM. SI/KALW. 101/6 TKP 366	VV 01230 MCU 980041 P OUD/KALW. 7/5 GEM. SI/KALW. 108/6 TKP 482	Spn. Indeks 93 -	365D Indeks -	540D Indeks 97	VOV Indeks -	Skrotum 344	LH 1.20	
											<b>Miostatien</b>
											Q204X 0
											NT821 0
											F94L 0

LOGIX EBV Analise: 2022-09-20

**OPMERKINGS:**

**BULLS**

LOT 7	MAROCHEL BONSMARAS	MCU 170039 Pp(c)	 <b>MCU 200177 Pp(c)</b> 2020-10-04 SP	 <b>MCU 150176 Pp(c)</b> AGE/CALV. 7/4 AVG. WI/CALV. 105/3 ICP 452	VV 130330 Pp(c)	VV 110192	Calving Ease Value <b>78</b>	Weaner Calf Value <b>100</b>	Fertility Value <b>87</b>	Maintenance Value <b>87</b>	Cow Value <b>84</b>	Growth Value <b>102</b>	Carcass Value <b>109</b>				
					MCU 120112 Pp(c)	MCU 080009 P	Calving Ease Value <b>78</b>	Weaner Calf Value <b>100</b>	Fertility Value <b>87</b>	Maintenance Value <b>87</b>	Cow Value <b>84</b>	Growth Value <b>102</b>	Carcass Value <b>109</b>				
		 <b>AG 100069</b>	 <b>AG 990243</b> AGE/CALV. 18/12 AVG. WI/CALV. 104/11	 <b>MCU 090003 Pp(c)</b> AGE/CALV. 12/10 AVG. WI/CALV. 94/9 ICP 362	MCU 080152	AG 060027	Calving Ease Value <b>78</b>	Weaner Calf Value <b>100</b>	Fertility Value <b>87</b>	Maintenance Value <b>87</b>	Cow Value <b>84</b>	Growth Value <b>102</b>	Carcass Value <b>109</b>				
					MCU 080152	AG 060027	Calving Ease Value <b>78</b>	Weaner Calf Value <b>100</b>	Fertility Value <b>87</b>	Maintenance Value <b>87</b>	Cow Value <b>84</b>	Growth Value <b>102</b>	Carcass Value <b>109</b>				
		 <b>MCU 050020 Pp(c)</b>	 <b>MCU 040118 Pp(c)</b>	 <b>MCU 040118 Pp(c)</b>	AG 990243	MCU 050020 Pp(c)	Calving Ease Value <b>99</b>	Weaner Calf Value <b>-</b>	Fertility Value <b>-</b>	Maintenance Value <b>91</b>	Post-Wean Growth Wean Index <b>99</b>	Frame ADG Index <b>91</b>	Carcass FCR Index <b>94</b>				
					AG 990243	MCU 050020 Pp(c)	Calving Ease Value <b>99</b>	Weaner Calf Value <b>-</b>	Fertility Value <b>-</b>	Maintenance Value <b>91</b>	Post-Wean Growth Wean Index <b>99</b>	Frame ADG Index <b>91</b>	Carcass FCR Index <b>94</b>				
<b>REMARKS:</b>																	
LOGIX EBV Analysis: 2022-09-20																	

LOT 8	MAROCHEL BONSMARAS	MCU 170132 PP(c)	 <b>MCU 200182 PP(c)</b> 2020-10-06 SP	 <b>MCU 120136 Pp(c)</b> AGE/CALV. 10/7 AVG. WI/CALV. 105/7 ICP 392	MCU 130126 PP(c)	MCU 090078 P	Calving Ease Value <b>93</b>	Weaner Calf Value <b>119</b>	Fertility Value <b>109</b>	Maintenance Value <b>84</b>	Cow Value <b>115</b>	Growth Value <b>111</b>	Carcass Value <b>122</b>				
					MCU 140195 P	MCU 100006 PP(c)	Calving Ease Value <b>93</b>	Weaner Calf Value <b>119</b>	Fertility Value <b>109</b>	Maintenance Value <b>84</b>	Cow Value <b>115</b>	Growth Value <b>111</b>	Carcass Value <b>122</b>				
		 <b>ZAK 060046</b>	 <b>ZAK 000062</b> AGE/CALV. 12/9 AVG. WI/CALV. 107/9	 <b>DFJ 000029 P</b>	MCU 020109 P	ZAK 030086	Calving Ease Value <b>90</b>	Weaner Calf Value <b>104</b>	Fertility Value <b>101</b>	Maintenance Value <b>112</b>	Post-Wean Growth Wean Index <b>104</b>	Frame ADG Index <b>101</b>	Carcass FCR Index <b>112</b>				
					ZAK 000062	ZAK 030086	Calving Ease Value <b>90</b>	Weaner Calf Value <b>104</b>	Fertility Value <b>101</b>	Maintenance Value <b>112</b>	Post-Wean Growth Wean Index <b>104</b>	Frame ADG Index <b>101</b>	Carcass FCR Index <b>112</b>				
		 <b>MCU 050053 Pp(c)</b>	 <b>MCU 010105</b>	 <b>MCU 010105</b>	MCU 050053 Pp(c)	DFJ 000029 P	Calving Ease Value <b>112</b>	Weaner Calf Value <b>-</b>	Fertility Value <b>-</b>	Maintenance Value <b>97</b>	Post-Wean Growth Wean Index <b>-</b>	Frame ADG Index <b>-</b>	Carcass FCR Index <b>334</b>				
					MCU 050053 Pp(c)	DFJ 000029 P	Calving Ease Value <b>112</b>	Weaner Calf Value <b>-</b>	Fertility Value <b>-</b>	Maintenance Value <b>97</b>	Post-Wean Growth Wean Index <b>-</b>	Frame ADG Index <b>-</b>	Carcass FCR Index <b>334</b>				
<b>REMARKS:</b>																	
LOGIX EBV Analysis: 2022-09-20																	

LOT 9	MAROCHEL BONSMARAS	AG 140017	 <b>MCU 190179 Pp(c)</b> 2019-10-13 SP	 <b>MCU 140139 PP(c)</b> AGE/CALV. 8/5 AVG. WI/CALV. 100/4 ICP 376	TOR 050216	AG 010051	Calving Ease Value <b>92</b>	Weaner Calf Value <b>94</b>	Fertility Value <b>104</b>	Maintenance Value <b>101</b>	Cow Value <b>98</b>	Growth Value <b>89</b>	Carcass Value <b>91</b>				
					AG 040372	RAI 020013	Calving Ease Value <b>92</b>	Weaner Calf Value <b>94</b>	Fertility Value <b>104</b>	Maintenance Value <b>101</b>	Cow Value <b>98</b>	Growth Value <b>89</b>	Carcass Value <b>91</b>				
		 <b>MCU 050104 Pp(c)</b>	 <b>MCU 990063</b> AGE/CALV. 16/13 AVG. WI/CALV. 102/14	 <b>JJ 040115</b>	AG 020145	AG 950083	Calving Ease Value <b>94</b>	Weaner Calf Value <b>103</b>	Fertility Value <b>93</b>	Maintenance Value <b>108</b>	Post-Wean Growth Wean Index <b>94</b>	Frame ADG Index <b>103</b>	Carcass FCR Index <b>108</b>				
					JJ 040115	AG 950083	Calving Ease Value <b>94</b>	Weaner Calf Value <b>103</b>	Fertility Value <b>93</b>	Maintenance Value <b>108</b>	Post-Wean Growth Wean Index <b>94</b>	Frame ADG Index <b>103</b>	Carcass FCR Index <b>108</b>				
		 <b>MCU 040134 Pp(c)</b>	 <b>MCU 990063</b> AGE/CALV. 16/13 AVG. WI/CALV. 102/14	 <b>DFJ 000029 P</b>	MCU 100031 Pp(c)	MCU 040134 Pp(c)	Calving Ease Value <b>99</b>	Weaner Calf Value <b>-</b>	Fertility Value <b>-</b>	Maintenance Value <b>91</b>	Post-Wean Growth Wean Index <b>-</b>	Frame ADG Index <b>-</b>	Carcass FCR Index <b>321</b>				
					MCU 100031 Pp(c)	MCU 040134 Pp(c)	Calving Ease Value <b>99</b>	Weaner Calf Value <b>-</b>	Fertility Value <b>-</b>	Maintenance Value <b>91</b>	Post-Wean Growth Wean Index <b>-</b>	Frame ADG Index <b>-</b>	Carcass FCR Index <b>321</b>				
<b>REMARKS:</b>																	
LOGIX EBV Analysis: 2022-09-20																	

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LOT 13		MAROCHEL BONSMARAS	MCU 130126 PP(c)	MCU 090078 P	Calving Ease Value <b>95</b>	Weaner Calf Value <b>131</b>	Fertility Value <b>114</b>	Maintenance Value <b>88</b>	Cow Value <b>125</b>	Growth Value <b>123</b>	Carcass Value <b>136</b>									
		MCU 170132 PP(c)	MCU 140195 P AGE/CALV. 7/5 AVG. WI/CALV. 108/5 ICP 369	MCU 100006 PP(c) AGE/CALV. 9/6 AVG. WI/CALV. 91/6	Calving Ease Value <b>95</b>	Weaner Calf Value <b>131</b>	Fertility Value <b>114</b>	Maintenance Value <b>88</b>	Cow Value <b>125</b>	Growth Value <b>123</b>	Carcass Value <b>136</b>									
<b>REMARKS:</b>																				
<b>LOGIX</b> EBV Analysis: 2022-09-20																				
Parentage	Sire	Dam	MCU 200153 PP(c) 2020-09-25 SP	MCU 100031 Pp(c) JJ 040115	Birth Dir. <b>89</b>	Wean Dir. <b>134</b>	Wean Mat. <b>93</b>	Scr. Circ. <b>91</b>	Heifer Fert. <b>98</b>	Cow Fert. <b>119</b>	Longev. <b>115</b>	Post Wean <b>136</b>	ADG <b>128</b>	FCR <b>114</b>	Mature Weight <b>112</b>	Height <b>121</b>	Length <b>125</b>	EMA <b>125</b>	Fat <b>116</b>	Mar <b>123</b>
DNA	✓	✓	MCU 150030 Pp(c) AGE/CALV. 7/5 AVG. WI/CALV. 100/5 ICP 366	MCU 050086 Pp(c) CEF 050355	Wean Index <b>107</b>	365D Index -	540D Index -	ADG Index <b>111</b>	FCR Index -	Scrotum <b>308</b>	LH <b>1.25</b>	<b>Myostatin</b>			Q204X <b>1</b>	NT821 <b>0</b>	F94L <b>0</b>			
Genomic	✓	✓	MCU 090043 HH(c) AGE/CALV. 8/5 AVG. WI/CALV. 100/5 ICP 410	VBB 970085																

LOT 14		MAROCHEL BONSMARAS	MCU 130126 PP(c)	MCU 090078 P	Calving Ease Value <b>92</b>	Weaner Calf Value <b>116</b>	Fertility Value <b>102</b>	Maintenance Value <b>99</b>	Cow Value <b>108</b>	Growth Value <b>113</b>	Carcass Value <b>115</b>									
		MCU 170132 PP(c)	MCU 140195 P AGE/CALV. 7/5 AVG. WI/CALV. 108/5 ICP 369	MCU 100006 PP(c) AGE/CALV. 9/6 AVG. WI/CALV. 91/6	Calving Ease Value <b>92</b>	Weaner Calf Value <b>116</b>	Fertility Value <b>102</b>	Maintenance Value <b>99</b>	Cow Value <b>108</b>	Growth Value <b>113</b>	Carcass Value <b>115</b>									
<b>REMARKS:</b>																				
<b>LOGIX</b> EBV Analysis: 2022-09-20																				
Parentage	Sire	Dam	MCU 200207 Pp(c) 2020-10-14 SP	MCU 100031 Pp(c) MCU 020109 P AGE/CALV. 13/10 AVG. WI/CALV. 101/11	Birth Dir. <b>88</b>	Wean Dir. <b>122</b>	Wean Mat. <b>85</b>	Scr. Circ. <b>107</b>	Heifer Fert. <b>98</b>	Cow Fert. <b>103</b>	Longev. <b>105</b>	Post Wean <b>120</b>	ADG <b>111</b>	FCR <b>99</b>	Mature Weight <b>100</b>	Height <b>120</b>	Length <b>122</b>	EMA <b>108</b>	Fat <b>113</b>	Mar <b>100</b>
DNA	✓	✓	MCU 110060 Pp(c) AGE/CALV. 11/8 AVG. WI/CALV. 102/8 ICP 417	CEF 050355	Wean Index <b>108</b>	365D Index -	540D Index -	ADG Index <b>106</b>	FCR Index -	Scrotum <b>359</b>	LH <b>1.27</b>	<b>Myostatin</b>			Q204X <b>1</b>	NT821 <b>0</b>	F94L <b>0</b>			
Genomic	✓	✓	MCU 070032 P AGE/CALV. 4/2 AVG. WI/CALV. 108/2 ICP 517	MCU 040120 P	MCU 050002 P AGE/CALV. 7/5 AVG. WI/CALV. 99/4															

LOT 15		MAROCHEL BONSMARAS	AG 100438	CSW 010014	BG 960125	Calving Ease Value <b>87</b>	Weaner Calf Value <b>108</b>	Fertility Value <b>88</b>	Maintenance Value <b>120</b>	Cow Value <b>98</b>	Growth Value <b>101</b>	Carcass Value <b>104</b>									
		AG 170008	AG 990115	CSW 010014	CSW 980048 AGE/CALV. 19/14 AVG. WI/CALV. 102/13	Calving Ease Value <b>87</b>	Weaner Calf Value <b>108</b>	Fertility Value <b>88</b>	Maintenance Value <b>120</b>	Cow Value <b>98</b>	Growth Value <b>101</b>	Carcass Value <b>104</b>									
<b>REMARKS:</b>																					
<b>LOGIX</b> EBV Analysis: 2022-09-20																					
Parentage	Sire	Dam	AG 170008 2017-01-07 SP	AG 920046	AG 900105 AGE/CALV. 17/15 AVG. WI/CALV. 97/15	Birth Dir. <b>84</b>	Wean Dir. <b>102</b>	Wean Mat. <b>106</b>	Scr. Circ. <b>112</b>	Heifer Fert. <b>94</b>	Cow Fert. <b>86</b>	Longev. <b>103</b>	Post Wean <b>93</b>	ADG <b>102</b>	FCR <b>102</b>	Mature Weight <b>82</b>	Height <b>100</b>	Length <b>105</b>	EMA <b>109</b>	Fat <b>97</b>	Mar <b>99</b>
DNA	✓	✓	AG 130234 AGE/CALV. 5/2 AVG. WI/CALV. 106/2 ICP 414	LMR 080164	LMR 040059 AGE/CALV. 13/4 AVG. WI/CALV. 102/3	Wean Index <b>109</b>	365D Index <b>101</b>	540D Index <b>103</b>	ADG Index -	FCR Index -	Scrotum -	LH -	<b>Myostatin</b>			Q204X <b>0</b>	NT821 <b>0</b>	F94L <b>0</b>			
Genomic	✓	✓	AG 110365 AGE/CALV. 2/1 AVG. WI/CALV. 117/1 ICP -	AG 080249	AG 090351 AGE/CALV. 13/11 AVG. WI/CALV. 104/10																

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LOT 16		MAROCHEL BONSMARAS	VV 130330 Pp(c)	VV 110192	Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde							
	MCU 170039 Pp(c)	MCU 120112 Pp(c)	VV 080208 Pp(c) OUD/KALW. 13/11 GEM. SI/KALW. 104/11	82	82	106	89	95	92	109	114							
	MCU 200189 Pp(c) 2020-10-08 SP	MCU 080009 P	MCU 080152 OUD/KALW. 5/3 GEM. SI/KALW. 99/3	AG 100069	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam	Karkas									
Ouerskap Vaar Moer	DNS ✓✓ Genomics	MCU 150109 Pp(c) OUD/KALW. 7/4 GEM. SI/KALW. 99/4 TKP 442	MCU 080152 OUD/KALW. 5/3 GEM. SI/KALW. 99/3	79	Spn. Dir.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
		MCU 070056 Pp(c) OUD/KALW. 12/11 GEM. SI/KALW. 89/8 TKP 333	AG 990243 OUD/KALW. 18/12 GEM. SI/KALW. 104/11	116	90	118	86	94	107	113	105	97	104	107	113	103	119	123
		MCU 040120 P	MCU 030080 P OUD/KALW. 5/2 GEM. SI/KALW. 96/2	106	-	-	109	-	359	1.24						Miostatien		
		AG 060027														Q204X	1	
																NT821	0	
																F94L	0	
OPMERKINGS:												LOGIX EBV Analise: 2022-09-20						

LOT 17		MAROCHEL BONSMARAS	ADV 070154	LAR 030398	Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde									
	MCU 200022 HH(c) 2020-05-09 SP	AG 160087 HH(c)	AG 020147 OUD/KALW. 15/11 GEM. SI/KALW. 110/11 TKP 404	ADV 030008 OUD/KALW. 16/13 GEM. SI/KALW. 107/11	93	105	97	86	99	107	110									
Ouerskap Vaar Moer	DNS ✓ Genomics	TEW 150019 OUD/KALW. 7/5 GEM. SI/KALW. 103/4 TKP 379	AG 980200	AG 990256 OUD/KALW. 10/6 GEM. SI/KALW. 107/6	90	107	107	89	97	94	110	111	105	101	114	88	106	109	93	113
		WAT 100074 HH(c)	WAT 080129	WAT 080052 OUD/KALW. 12/11 GEM. SI/KALW. 103/11	100	-	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH						Miostatien		
		TEW 120066 OUD/KALW. 9/6 GEM. SI/KALW. 109/5 TKP 460	TEW 050075	TEW 060083 OUD/KALW. 8/6 GEM. SI/KALW. 88/5																
OPMERKINGS:												LOGIX EBV Analise: 2022-09-20								

LOT 18		MAROCHEL BONSMARAS	MCU 170200 PP(c)	MCU 130151 PP(c)	MCU 100109 Pp(c)	Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde								
	MCU 200011 Pp(c) 2020-04-20 SP	MCU 130163 PP(c) OUD/KALW. 7/5 GEM. SI/KALW. 86/4 TKP 381	MCU 110027 PP(c) OUD/KALW. 7/4 GEM. SI/KALW. 109/4	MCU 100117 P	MCU 050014 P OUD/KALW. 11/7 GEM. SI/KALW. 103/6	90	117	104	84	109	117	127								
Ouerskap Vaar Moer	DNS ✓✓ Genomics	AEJ 100137 HH(c)	AG 020275	AEJ 030047 OUD/KALW. 11/9 GEM. SI/KALW. 92/8	87	123	97	115	97	104	109	126	118	105	118	111	124	122	104	119
		MCU 160058 HH(c) OUD/KALW. 6/4 GEM. SI/KALW. 110/3 TKP 413	VV 060403 P	MCU 040103 OUD/KALW. 9/6 GEM. SI/KALW. 96/4	115	-	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH						Miostatien		
		MCU 100075 HH(c) OUD/KALW. 11/8 GEM. SI/KALW. 109/8 TKP 446																		
OPMERKINGS:												LOGIX EBV Analise: 2022-09-20								

**BULLS**

LOT 19		MAROCHEL BONSMARAS	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value																																																																												
		MCU 170200 PP(c)	MCU 100109 Pp(c) AGE/CALV. 7/4 AVG. WI/CALV. 110/4	MCU 110027 PP(c) AGE/CALV. 7/5 AVG. WI/CALV. 86/4	MCU 100117 P	MCU 050014 P AGE/CALV. 11/7 AVG. WI/CALV. 103/6	MCU 030062 P AGE/CALV. 7/4 AVG. WI/CALV. 106/4	MCU 050002 P AGE/CALV. 7/5 AVG. WI/CALV. 99/4	MCU 100019 Pp(c) AGE/CALV. 12/10 AVG. WI/CALV. 108/10																																																																												
		MCU 200005 PP(c) 2020-04-11 SP	MCU 130151 PP(c)	MCU 130163 PP(c) AGE/CALV. 7/5 AVG. WI/CALV. 86/4	MCU 090078 P	CEF 050355	JJ 040115	MCU 100021 Pp(c) AGE/CALV. 12/10 AVG. WI/CALV. 93/5	MCU 130153 PP(c) AGE/CALV. 8/6 AVG. WI/CALV. 93/5																																																																												
		Parentage Sire Dam	DNA ✓ ✓	MCU 200005 PP(c) 2020-04-11 SP	MCU 130151 PP(c)	MCU 130163 PP(c) AGE/CALV. 7/5 AVG. WI/CALV. 86/4	MCU 090078 P	MCU 100021 Pp(c) AGE/CALV. 12/10 AVG. WI/CALV. 93/5	MCU 130153 PP(c) AGE/CALV. 8/6 AVG. WI/CALV. 93/5																																																																												
		DNA ✓ ✓	Genomic	MCU 200005 PP(c) 2020-04-11 SP	MCU 130151 PP(c)	MCU 130163 PP(c) AGE/CALV. 7/5 AVG. WI/CALV. 86/4	MCU 090078 P	MCU 100021 Pp(c) AGE/CALV. 12/10 AVG. WI/CALV. 93/5	MCU 130153 PP(c) AGE/CALV. 8/6 AVG. WI/CALV. 93/5																																																																												
REMARKS:		<table border="1"> <thead> <tr> <th colspan="3">Calf and Mother</th> <th colspan="3">Fertility</th> <th colspan="3">Post-Wean Growth</th> <th colspan="3">Frame</th> <th colspan="3">Carcass</th> </tr> <tr> <th>Birth Dir.</th><th>Wean Dir.</th><th>Wean Mat.</th><th>Scr. Circ.</th><th>Heifer Fert.</th><th>Cow Fert.</th><th>Longev.</th><th>Post Wean</th><th>ADG</th><th>FCR</th><th>Mature Weight</th><th>Height</th><th>Length</th><th>EMA</th><th>Fat</th><th>Mar</th> </tr> </thead> <tbody> <tr> <td>94</td><td>102</td><td>76</td><td>93</td><td>96</td><td>98</td><td>108</td><td>98</td><td>90</td><td>87</td><td>85</td><td>98</td><td>105</td><td>85</td><td>127</td><td>103</td> </tr> </tbody> </table>								Calf and Mother			Fertility			Post-Wean Growth			Frame			Carcass			Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar	94	102	76	93	96	98	108	98	90	87	85	98	105	85	127	103	<table border="1"> <thead> <tr> <th>Wean Index</th><th>365D Index</th><th>540D Index</th><th>ADG Index</th><th>FCR Index</th><th>Scrotum</th><th>LH</th> </tr> </thead> <tbody> <tr> <td>91</td><td>-</td><td>-</td><td>103</td><td>-</td><td>324</td><td>1.27</td> </tr> </tbody> </table>		Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH	91	-	-	103	-	324	1.27	<table border="1"> <thead> <tr> <th colspan="3">Myostatin</th> </tr> <tr> <th>Q204X</th><th>NT821</th><th>F94L</th> </tr> </thead> <tbody> <tr> <td>0</td><td>0</td><td>0</td> </tr> </tbody> </table>		Myostatin			Q204X	NT821	F94L	0	0	0	LOGIX EBV Analysis: 2022-09-20	
Calf and Mother			Fertility			Post-Wean Growth			Frame			Carcass																																																																									
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar																																																																						
94	102	76	93	96	98	108	98	90	87	85	98	105	85	127	103																																																																						
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Myostatin																																																																																					
Q204X	NT821	F94L																																																																																			
0	0	0																																																																																			

LOT 20		MAROCHEL BONSMARAS	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value																																																																												
		MCU 180119 Pp(c)	MCU 100109 Pp(c) AGE/CALV. 11/8 AVG. WI/CALV. 105/8	MCU 110031 Pp(c) AGE/CALV. 11/8 AVG. WI/CALV. 105/8	MCU 120006 P	MCU 100117 P	MCU 050014 P AGE/CALV. 10/6 AVG. WI/CALV. 109/6	MCU 030062 P AGE/CALV. 7/4 AVG. WI/CALV. 106/4	MCU 050002 P AGE/CALV. 7/5 AVG. WI/CALV. 99/4																																																																												
		MCU 200238 Pp(c) 2020-10-30 SP	MCU 130071 Pp(c)	MCU 150203 Pp(c) AGE/CALV. 4/2 AVG. WI/CALV. 102/2	MCU 120112 Pp(c) AGE/CALV. 10/6 AVG. WI/CALV. 109/6	VV 080060 P	MCU 120112 Pp(c) AGE/CALV. 10/6 AVG. WI/CALV. 109/6	MCU 090078 P	MCU 100021 Pp(c) AGE/CALV. 12/10 AVG. WI/CALV. 93/5																																																																												
		Parentage Sire Dam	DNA ✓ ✓	MCU 200238 Pp(c) 2020-10-30 SP	MCU 130071 Pp(c)	MCU 150203 Pp(c) AGE/CALV. 4/2 AVG. WI/CALV. 102/2	MCU 120112 Pp(c) AGE/CALV. 10/6 AVG. WI/CALV. 109/6	MCU 090078 P	MCU 100021 Pp(c) AGE/CALV. 12/10 AVG. WI/CALV. 93/5																																																																												
		DNA ✓ ✓	Genomic	MCU 200238 Pp(c) 2020-10-30 SP	MCU 130071 Pp(c)	MCU 150203 Pp(c) AGE/CALV. 4/2 AVG. WI/CALV. 102/2	MCU 120112 Pp(c) AGE/CALV. 10/6 AVG. WI/CALV. 109/6	MCU 090078 P	MCU 100021 Pp(c) AGE/CALV. 12/10 AVG. WI/CALV. 93/5																																																																												
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LOT 21		MAROCHEL BONSMARAS	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value																																																																												
		MCU 170132 PP(c)	MCU 090078 P	MCU 100006 PP(c) AGE/CALV. 9/6 AVG. WI/CALV. 91/6	MCU 100031 Pp(c)	MCU 020109 P AGE/CALV. 13/10 AVG. WI/CALV. 101/11	MCU 080060 P	MCU 090052 Pp(c) AGE/CALV. 12/9 AVG. WI/CALV. 104/9	MCU 120140 Pp(c) AGE/CALV. 10/7 AVG. WI/CALV. 104/7																																																																												
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**BULLE**

<b>LOT 22</b>		<b>MAROCHEL BONSMARAS</b>	AG 140017	TOR 050216	Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
	MCU 180032 PP(c)			AG 040372 OUD/KALW. 13/11 GEM. SI/KALW. 100/10	76	112	110	90	110	127	123
	MCU 200265 Pp(c) 2020-11-14 SP		MCU 120117 PP(c) OUD/KALW. 9/6 GEM. SI/KALW. 98/5 TKP 412	MCU 080009 P	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam			
	MCU 140147 OUD/KALW. 8/5 GEM. SI/KALW. 108/5 TKP 416		MCU 100038	MCU 080070 PP(c) OUD/KALW. 12/9 GEM. SI/KALW. 94/10	Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.
	MCU 110035 HH(c) OUD/KALW. 11/9 GEM. SI/KALW. 101/9 TKP 370			MCU 050020 Pp(c)	122	127	110	109	109	125	120
	MCU 070007 P			MCU 050032 OUD/KALW. 11/8 GEM. SI/KALW. 98/8	107	-	365D Indeks	540D Indeks	113	373	1.23
	MCU 050062 P OUD/KALW. 15/11 GEM. SI/KALW. 98/11			MCU 050062 P	Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
	MCU 090078 P			MCU 090006 PP(c) OUD/KALW. 9/6 GEM. SI/KALW. 91/6	102	-	-	-	-		
	MCU 130126 PP(c)			MCU 100031 Pp(c)	77	117	98	86	104	122	124
	MCU 170132 PP(c)			MCU 020109 P OUD/KALW. 13/10 GEM. SI/KALW. 101/11	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam			
	MCU 200313 Pp(c) 2020-12-01 SP			FAM 090009	Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.
	TEW 150079 OUD/KALW. 6/4 GEM. SI/KALW. 105/4 TKP 430			TEW 100005 OUD/KALW. 7/5 GEM. SI/KALW. 104/4	131	121	113	114	114	137	127
	TEW 120034			TEW 050075	Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
	TEW 110008 OUD/KALW. 6/4 GEM. SI/KALW. 99/5 TKP 394			TEW 050098 OUD/KALW. 10/8 GEM. SI/KALW. 103/8	102	-	-	106	-	310	1.20
	MCU 050078 P			MCU 050006 PP(c) OUD/KALW. 9/6 GEM. SI/KALW. 91/6	117	98	86	104	104	122	124
	MCU 100006 PP(c) OUD/KALW. 9/6 GEM. SI/KALW. 91/6			MCU 050032 OUD/KALW. 11/8 GEM. SI/KALW. 105/8	77	117	98	86	104	122	124
	MCU 100031 Pp(c)			MCU 120006 P OUD/KALW. 10/7 GEM. SI/KALW. 104/7	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam			
	MCU 090009			AG 020275	Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.
	TEW 100005 OUD/KALW. 7/5 GEM. SI/KALW. 104/4			AEJ 030047 OUD/KALW. 11/9 GEM. SI/KALW. 92/8	131	121	113	114	114	137	127
	TEW 050075			AEJ 030047 OUD/KALW. 11/9 GEM. SI/KALW. 92/8	102	-	365D Indeks	540D Indeks	106	-	
	TEW 050098 OUD/KALW. 10/8 GEM. SI/KALW. 103/8			TEW 050098 OUD/KALW. 10/8 GEM. SI/KALW. 103/8	Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
	MCU 050078 Pp(c)			MCU 050020 Pp(c)	102	-	-	-	-		
	MCU 080078 Pp(c)			MCU 050127 HH(c) OUD/KALW. 12/8 GEM. SI/KALW. 101/8	117	98	86	104	104	122	124
	MCU 050127 HH(c) OUD/KALW. 12/8 GEM. SI/KALW. 101/8			MCU 050127 HH(c) OUD/KALW. 12/8 GEM. SI/KALW. 101/8	117	98	86	104	104	122	124
	MCU 050078 Pp(c)			MCU 050020 Pp(c)	102	-	-	-	-		
	MCU 080078 Pp(c)			MCU 050127 HH(c) OUD/KALW. 12/8 GEM. SI/KALW. 101/8	117	98	86	104	104	122	124
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	MCU 080078 Pp(c)			MCU 050127 HH(c) OUD/KALW. 12/8 GEM. SI/KALW. 101/8	117	98	86	104	104	122	124
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	MCU 050078 Pp(c)			MCU 050127 HH(c) OUD/KALW. 12/8 GEM. SI/KALW. 101/8	102	-	-	-	-		
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	MCU 050127 HH(c) OUD/KALW. 12/8										

**BULLS**

<b>LOT 25</b>	<b>MAROCHEL BONSMARAS</b>		<b>MCU 170132 Pp(c)</b> AGE/CALV. 7/4 AVG. WI/CALV. 100/3 ICP 379		<b>MCU 090078 P</b>	<b>Calving Ease Value</b> <b>110</b>	<b>Weaner Calf Value</b> <b>104</b>	<b>Fertility Value</b> <b>94</b>	<b>Maintenance Value</b> <b>117</b>	<b>Cow Value</b> <b>103</b>	<b>Growth Value</b> <b>92</b>	<b>Carcass Value</b> <b>99</b>						
						<b>MCU 100006 Pp(c)</b> AGE/CALV. 9/6 AVG. WI/CALV. 91/6	<b>Calving Ease Value</b> <b>110</b>	<b>Weaner Calf Value</b> <b>104</b>	<b>Fertility Value</b> <b>94</b>	<b>Maintenance Value</b> <b>117</b>	<b>Cow Value</b> <b>103</b>	<b>Growth Value</b> <b>92</b>	<b>Carcass Value</b> <b>99</b>					
<b>Calf and Mother</b> <b>Fertility</b> <b>Post-Wean Growth</b> <b>Frame</b> <b>Carcass</b>																		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length						
107	95	103	87	89	97	109	98	95	91	86	102	108						
<b>Wean Index</b> <b>365D Index</b> <b>540D Index</b> <b>ADG Index</b> <b>FCR Index</b> <b>Scrotum</b> <b>LH</b>																		
94	-	-	92	-	307	1.25												
<b>Myostatin</b>																		
Q204X 1																		
NT821 0																		
F94L 0																		
<b>REMARKS:</b>																		
<b>LOGIX</b> EBV Analysis: 2022-09-20																		

<b>LOT 26</b>	<b>MAROCHEL BONSMARAS</b>		<b>HDT 100131 P</b> AGE/CALV. 9/7 AVG. WI/CALV. 103/6 ICP 361		<b>HDT 030078 P</b>	<b>Calving Ease Value</b> <b>104</b>	<b>Weaner Calf Value</b> <b>109</b>	<b>Fertility Value</b> <b>111</b>	<b>Maintenance Value</b> <b>105</b>	<b>Cow Value</b> <b>112</b>	<b>Growth Value</b> <b>105</b>	<b>Carcass Value</b> <b>108</b>						
					<b>HDT 000047</b> AGE/CALV. 12/8 AVG. WI/CALV. 102/6	<b>Calving Ease Value</b> <b>104</b>	<b>Weaner Calf Value</b> <b>109</b>	<b>Fertility Value</b> <b>111</b>	<b>Maintenance Value</b> <b>105</b>	<b>Cow Value</b> <b>112</b>	<b>Growth Value</b> <b>105</b>	<b>Carcass Value</b> <b>108</b>						
<b>Calf and Mother</b> <b>Fertility</b> <b>Post-Wean Growth</b> <b>Frame</b> <b>Carcass</b>																		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length						
103	110	89	104	104	112	102	108	105	100	94	116	109						
<b>Wean Index</b> <b>365D Index</b> <b>540D Index</b> <b>ADG Index</b> <b>FCR Index</b> <b>Scrotum</b> <b>LH</b>																		
104	-	-	105	-	335	1.20												
<b>Myostatin</b>																		
Q204X 0																		
NT821 0																		
F94L 0																		
<b>REMARKS:</b> Versbul																		
<b>LOGIX</b> EBV Analysis: 2022-09-20																		

<b>LOT 27</b>	<b>MAROCHEL BONSMARAS</b>		<b>MCU 200060 Pp(c)</b> AGE/CALV. 9/7 AVG. WI/CALV. 102/8 ICP 364		<b>AG 140017</b>	<b>Calving Ease Value</b> <b>111</b>	<b>Weaner Calf Value</b> <b>107</b>	<b>Fertility Value</b> <b>102</b>	<b>Maintenance Value</b> <b>120</b>	<b>Cow Value</b> <b>110</b>	<b>Growth Value</b> <b>98</b>	<b>Carcass Value</b> <b>104</b>				
					<b>AG 040372</b> AGE/CALV. 13/11 AVG. WI/CALV. 100/10	<b>Calving Ease Value</b> <b>111</b>	<b>Weaner Calf Value</b> <b>107</b>	<b>Fertility Value</b> <b>102</b>	<b>Maintenance Value</b> <b>120</b>	<b>Cow Value</b> <b>110</b>	<b>Growth Value</b> <b>98</b>	<b>Carcass Value</b> <b>104</b>				
<b>Calf and Mother</b> <b>Fertility</b> <b>Post-Wean Growth</b> <b>Frame</b> <b>Carcass</b>																
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length				
109	98	96	96	101	99	109	97	101	99	83	95	100				
<b>Wean Index</b> <b>365D Index</b> <b>540D Index</b> <b>ADG Index</b> <b>FCR Index</b> <b>Scrotum</b> <b>LH</b>																
99	-	-	-	94	-	-	318	1.24								
<b>Myostatin</b>																
Q204X 0																
NT821 0																
F94L 0																
<b>REMARKS:</b> Versbul																
<b>LOGIX</b> EBV Analysis: 2022-09-20																





**MAROCHEL  
BONSMARS**

DITROUWAREN POENSKOP GENETIKA  
FAMILIE POLLED GENETICA

Bonsmara SA Cattle Breeders' Society

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All Pedigree- and Performance Data has been certified as correct



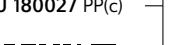
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OPMERKINGS

LOGIX EBV Analise: 2022-09-20

## OPMERKINGS: Versbu

LOGIX EBV Analise: 2022-09-20

LOT 30	MAROCHEL BONSMARAS	MCU 180027 PP(c)	MCU 130071 PP(c)	MCU 100109 Pp(c)	Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde								
	 MAROCHEL BONSMARAS DUTCHMAN POULTRY GENETICS HEILAND POULTRY GENETICS				87	118	113	105	118	103	115								
																			
			MCU 150136 PP(c) OUD/KALW. 5/3 GEM. SI/KALW. 104/3 TKP 478	MCU 120006 P MCU 120140 Pp(c) OUD/KALW. 10/7 GEM. SI/KALW. 104/7	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raan											
				 MCU 100031 Pp(c)	Geb. Dir. 85	Spn. Dir. 118	Skr. Omtr. 99	Vers Vrugb. 105	Koei Vrugb. 113	Lankl. 116	Na- Speen 112	GDT 106	VOV 102	Volw. Gewig 94	Hoogte 112	Lengte 111	OSO 115	Vet 116	Mar 128
				 MCU 110019 HH(c) OUD/KALW. 11/9 GEM. SI/KALW. 100/9	Spn. Indeks 106	365D Indeks -	540D Indeks -	GDT Indeks 94	VOV Indeks -	Skrutum 341	LH 1.22						Miestatien		
				 AEJ 100137 HH(c)													Q204X NT821 F94L	1 0 0	
				 MCU 050040 OUD/KALW. 12/9 GEM. SI/KALW. 102/7															
					OPMERKINGS:														
																	LOGIX GENTECH GENETICS	EBV Analise: 2022-09-20	

OPMERKINGS

**BULLS**

LOT 31 MAROCHEL BONSMARAS			Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value										
Parentage	Sire	Dam	107	111	101	121	112	104	103										
	MCU 140164 Pp(c)	AEJ 100137 HH(c)																	
	MCU 080078 Pp(c)	MCU 080078 Pp(c) AGE/CALV. 9/4 AVG. WI/CALV. 99/4	Calving Ease Value <b>107</b>	Weaner Calf Value <b>111</b>	Fertility Value <b>101</b>	Maintenance Value <b>121</b>	Cow Value <b>112</b>	Growth Value <b>104</b>	Carcass Value <b>103</b>										
	MCU 130127 PP(c)	MCU 090078 P AGE/CALV. 8/6 AVG. WI/CALV. 107/6 ICP 367	Calf and Mother Fertility Post-Wean Growth Frame Carcass																
	MCU 180019	MCU 090070 Pp(c) AGE/CALV. 13/10 AVG. WI/CALV. 110/9	Birth Dir. <b>103</b>	Wean Dir. <b>99</b>	Wean Mat. <b>104</b>	Scr. Circ. <b>109</b>	Heifer Fert. <b>92</b>	Cow Fert. <b>106</b>	Longev. <b>108</b>	Post Wean <b>100</b>	ADG <b>103</b>	FCR <b>98</b>	Mature Weight <b>81</b>	Height <b>106</b>	Length <b>105</b>	EMA <b>95</b>	Fat <b>108</b>	Mar <b>115</b>	
	MCU 200119 Pp(c) 2020-09-09 SP	MCU 130071 PP(c)	Wean Index <b>105</b>	365D Index -	540D Index -	ADG Index <b>109</b>	FCR Index -	Scrotum <b>352</b>	LH <b>1.22</b>	Myostatin									
	MCU 150105 Pp(c) AGE/CALV. 7/4 AVG. WI/CALV. 98/4 ICP 434	JPL 090116 P	Myostatin										Q204X 0	NT821 0	F94L 0	LOGIX EBV Analysis: 2022-09-20			
REMARKS: Versbul										LOGIX EBV Analysis: 2022-09-20									

LOT 32 MAROCHEL BONSMARAS			Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value										
Parentage	Sire	Dam	112	99	113	100	108	95	95										
	MCU 170132 PP(c)	MCU 090078 P MCU 100006 PP(c) AGE/CALV. 9/6 AVG. WI/CALV. 91/6	Calving Ease Value <b>112</b>	Weaner Calf Value <b>99</b>	Fertility Value <b>113</b>	Maintenance Value <b>100</b>	Cow Value <b>108</b>	Growth Value <b>95</b>	Carcass Value <b>95</b>										
	MCU 200139 PP(c) 2020-09-19 SP	MCU 130126 PP(c)	Calf and Mother Fertility Post-Wean Growth Frame Carcass																
	MCU 140195 P AGE/CALV. 7/5 AVG. WI/CALV. 108/5 ICP 369	MCU 020109 P AGE/CALV. 13/10 AVG. WI/CALV. 101/11	Birth Dir. <b>107</b>	Wean Dir. <b>97</b>	Wean Mat. <b>96</b>	Scr. Circ. <b>107</b>	Heifer Fert. <b>106</b>	Cow Fert. <b>108</b>	Longev. <b>113</b>	Post Wean <b>99</b>	ADG <b>99</b>	FCR <b>98</b>	Mature Weight <b>98</b>	Height <b>109</b>	Length <b>104</b>	EMA <b>95</b>	Fat <b>99</b>	Mar <b>99</b>	
	MCU 120021 PP(c) AGE/CALV. 10/8 AVG. WI/CALV. 96/8 ICP 376	MCU 050020 Pp(c)	Wean Index <b>91</b>	365D Index -	540D Index -	ADG Index <b>96</b>	FCR Index -	Scrotum <b>393</b>	LH <b>1.22</b>	Myostatin									
	MCU 040092 P AGE/CALV. 12/10 AVG. WI/CALV. 96/10 ICP 364	VV 01230	Myostatin										Q204X 0	NT821 0	F94L 0	LOGIX EBV Analysis: 2022-09-20			
REMARKS: Versbul										LOGIX EBV Analysis: 2022-09-20									

LOT 33 MAROCHEL BONSMARAS			Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value										
Parentage	Sire	Dam	105	103	108	102	108	108	109										
	MCU 170132 PP(c)	MCU 090078 P MCU 100006 PP(c) AGE/CALV. 9/6 AVG. WI/CALV. 91/6	Calving Ease Value <b>105</b>	Weaner Calf Value <b>103</b>	Fertility Value <b>108</b>	Maintenance Value <b>102</b>	Cow Value <b>108</b>	Growth Value <b>108</b>	Carcass Value <b>109</b>										
	MCU 200345 PP(c) 2020-11-04 SP	MCU 130126 PP(c)	Calf and Mother Fertility Post-Wean Growth Frame Carcass																
	MCU 140195 P AGE/CALV. 7/5 AVG. WI/CALV. 108/5 ICP 369	MCU 020109 P AGE/CALV. 13/10 AVG. WI/CALV. 101/11	Birth Dir. <b>104</b>	Wean Dir. <b>101</b>	Wean Mat. <b>99</b>	Scr. Circ. <b>97</b>	Heifer Fert. <b>101</b>	Cow Fert. <b>106</b>	Longev. <b>110</b>	Post Wean <b>110</b>	ADG <b>111</b>	FCR <b>105</b>	Mature Weight <b>96</b>	Height <b>121</b>	Length <b>113</b>	EMA <b>106</b>	Fat <b>108</b>	Mar <b>110</b>	
	MCU 120073 P	AEJ 090007	Wean Index <b>95</b>	365D Index -	540D Index -	ADG Index <b>103</b>	FCR Index -	Scrotum <b>336</b>	LH <b>1.21</b>	Myostatin									
	MCU 150092 PP(c) AGE/CALV. 7/5 AVG. WI/CALV. 98/4 ICP 365	MRW 040198 P	Myostatin										Q204X 1	NT821 0	F94L 0	LOGIX EBV Analysis: 2022-09-20			
	MCU 090020 Pp(c) AGE/CALV. 12/9 AVG. WI/CALV. 102/8 ICP 416	MCU 030010 P AGE/CALV. 6/4 AVG. WI/CALV. 100/3	LOGIX EBV Analysis: 2022-09-20										Q204X 1	NT821 0	F94L 0	LOGIX EBV Analysis: 2022-09-20			
REMARKS:										LOGIX EBV Analysis: 2022-09-20									

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LOT 34	MAROCHEL BONSMARAS	MCU 170110 PP(c)	MCU 100109 Pp(c) OUD/KALW. 7/4 GEM. SI/KALW. 110/4	MCU 110027 PP(c) OUD/KALW. 7/4 GEM. SI/KALW. 110/4	Geboortegemak Waarde <b>72</b>	Speenkalf Waarde <b>117</b>	Vrugbaarheids- waarde <b>87</b>	Onderhouds- waarde <b>78</b>	Koeiwaarde <b>95</b>	Groei- waarde <b>117</b>	Karkas- waarde <b>126</b>									
				MCU 090092 P	Kalf en Moeder		Vrugbaarheid		Na-Speen Groei		Raam		Karkas							
	<b>MCU 200258 PP(c)</b> 2020-11-11 SP		MCU 130033 PP(c) OUD/KALW. 5/2 GEM. SI/KALW. 101/2 TKP 677	MCU 090010 Pp(c) OUD/KALW. 10/7 GEM. SI/KALW. 99/7	Geb. Dir. 72	Spn. Dir. 131	Spn. Mat. 98	Skr. Omtr. 103	Vers Vrugb. 78	Koei Vrugb. 96	Lankl. 109	Na- Speen 133	GDT 118	VOV 104	Volw. Gewig 126	Hoogte 108	Lengte 119	OSO 107	Vet 115	Mar 114
<b>Ouerskap Vaar Moer</b>	DNS ✓ ✓	MCU 110160 Pp(c) OUD/KALW. 10/7 GEM. SI/KALW. 112/6 TKP 453	MCU 080061 P	MCU 050020 Pp(c) OUD/KALW. 13/9 GEM. SI/KALW. 102/9	Spn. Indeks 115	365D Indeks -	540D Indeks -	GDT Indeks 103	VOV Indeks -	Skrotum 326	LH 1.27	<b>Miostatien</b>								
Genomics				MCU 040114 P OUD/KALW. 13/7 GEM. SI/KALW. 99/7 TKP 487	VV 010230	MCU 980080 P OUD/KALW. 7/6 GEM. SI/KALW. 106/5							Q204X NT821 F94L	0	0	0				
<b>OPMERKINGS:</b>													LOGIX	EBV Analise: 2022-09-20						

LOGIX EBV Analise: 2022-09-20

LOT 35	MAROCHEL BONSMARAS	VV 130330 Pp(c)	VV 110192	Geboortegemak Waarde <b>107</b>	Speenkalf Waarde <b>93</b>	Vrugbaarheids- waarde <b>93</b>	Onderhouds- waarde <b>107</b>	Koeiwaarde <b>91</b>	Groei- waarde <b>106</b>	Karkas- waarde <b>104</b>									
		MCU 170039 Pp(c)	MCU 080009 P	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam	Karkas											
 MCU 200158 Pp(c) 2020-09-28 SP		MCU 120112 Pp(c) OUD/KALW. 10/6 GEM. SI/KALW. 10/6 TKP 438	MCU 080152 OUD/KALW. 5/3 GEM. SI/KALW. 99/3	Geb. Dir. 105	Spn. Dir. 97	Spn. Mat. 82	Skr. Omtr. 118	Vers Vrugb. 91	Koei Vrugb. 94	Lankl. 104	Na- Speen 102	GDT 99	VOV 85	Volw. Gewig 93	Hoogte 108	Lengte 111	OSO 88	Vet 127	Mar 119
Outroskap Vaar Moer DNS ✓ ✓ Genomics		MCU 150105 Pp(c) OUD/KALW. 7/4 GEM. SI/KALW. 98/4 TKP 434	JPL 090116 P	JPL 070039 P OUD/KALW. 5/4 GEM. SI/KALW. 89/4	Spn. Indeks 92	365D Indeks -	540D Indeks -	GDT Indeks 111	VOV Indeks -	Skrutum 365	LH 1.25				Miosstatien				
 MCU 150105 Pp(c) OUD/KALW. 7/4 GEM. SI/KALW. 98/4 TKP 434		MCU 080003 Pp(c) OUD/KALW. 14/12 GEM. SI/KALW. 98/11 TKP 367	MCU 040120 P	 MCU 050086 Pp(c) OUD/KALW. 12/10 GEM. SI/KALW. 102/10										Q204X 0					
														NT821 0		F94L 0			

#### **OPMERKINGS:** Versbu

**LGIX** CONFIDENTIAL EBV Analise: 2022-09-20

LOT 36		MAROCHEL BONSMARAS	MCU 170132 PP(c)	MCU 130126 PP(c)	MCU 090078 P	Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde								
	MAROCHEL BONSMARAS RETROGRADE FOMSOP GENETICS RELIEFABLE POLLED GENETICS	MCU 200220 PP(c)	MCU 140195 P OUD/KALW. 7/5 GEM. SI/KALW. 108/5 TKP 369	MCU 100006 PP(c) OUD/KALW. 9/6 GEM. SI/KALW. 91/6	MCU 100031 Pp(c)	105	107	100	88	102	103	106								
2020-11-02	SP	MCU 110136 P OUD/KALW. 10/8 GEM. SI/KALW. 96/8 TKP 389	MCU 080061 P	MCU 020109 P OUD/KALW. 13/10 GEM. SI/KALW. 101/11	Kalf en Moeder	McU 020109 P OUD/KALW. 13/10 GEM. SI/KALW. 101/11	Vrugbaarheid	Na-Speen Groei	Raam	Karkas										
DNS ✓ ✓	Genomies	MCU 050065 Pp(c) OUD/KALW. 12/10 GEM. SI/KALW. 98/10 TKP 371	MCU 050020 Pp(c)	MCU 050128 OUD/KALW. 13/9 GEM. SI/KALW. 102/9	Geb. Dir. 99	Spn. Dir. 112	Spn. Mat. 89	Skr. Omtr. 87	Vers Vrugb. 87	Koei Vrugb. 109	Lankl. 107	Na-Speen 109	GDT 97	VOV 95	Volw. Gewig 113	Hoogte 118	Lengte 111	OSO 88	Vet 124	Mar 106
Ouerskap Vaar Moer		DFJ 000029 P		MCU 960091 P OUD/KALW. 9/7 GEM. SI/KALW. 95/7		Spn. Indeks 102	365D Indeks -	540D Indeks -	GDT Indeks 102	VOV Indeks -	Skrotum 306	LH 1.21	Miosstatien							
													Q204X NT821 F94L	1	0	0				
OPMERKINGS:													LOGIX	EBV Analise: 2022-09-20						

OPMERKINGS

BULLS

## REMARKS

LOGIX EBV Analysis: 2022-09-20

**REMARKS:** Versbu

**LOGIX** EBV Analysis: 2022-09-20

## REMARKS

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OPMERKINGS

LOGIX EBV Analise: 2022-09-20

#### **OPMERKINGS:** Versbu

**LOGIX** EBV Analise: 2022-09-20

#### **OPMERKINGS:** Versbu

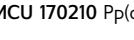
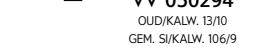
**BULLS**

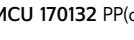
LOT 43		MAROCHEL BONSMARAS	MCU 130126 PP(c)	MCU 090078 P	Calving Ease Value <b>81</b>	Weaner Calf Value <b>109</b>	Fertility Value <b>102</b>	Maintenance Value <b>100</b>	Cow Value <b>105</b>	Growth Value <b>111</b>	Carcass Value <b>114</b>
		MCU 170132 PP(c)	MCU 200358 PP(c) 2020-12-20 SP	MCU 100006 PP(c) AGE/CALV. 9/6 AVG. WI/CALV. 91/6	Calving Ease Value <b>81</b>	Weaner Calf Value <b>109</b>	Fertility Value <b>102</b>	Maintenance Value <b>100</b>	Cow Value <b>105</b>	Growth Value <b>111</b>	Carcass Value <b>114</b>
Parentage Sire Dam	DNA Genomic	MCU 130120 Pp(c) AGE/CALV. 8/6 AVG. WI/CALV. 104/6 ICP 403	MCU 140195 P AGE/CALV. 7/5 AVG. WI/CALV. 108/5 ICP 369	MCU 100031 Pp(c) MCU 020109 P AGE/CALV. 13/10 AVG. WI/CALV. 101/11	Calf and Mother Fertility Post-Wean Growth	Frame Carcass	Birth Dir. Wean Dir. Wean Mat. Scr. Circ. Heifer Fert. Cow Fert. Longev. Post Wean ADG FCR Mature Weight Height Length EMA Fat Mar	111 110 102 97 125 117 101 119 106	Myostatin	Q204X 0 NT821 0 F94L 0	
MCU 050020 Pp(c) MCU 050032 AGE/CALV. 11/8 AVG. WI/CALV. 98/8	MCU 050032 AGE/CALV. 11/8 AVG. WI/CALV. 98/8	MCU 020088 PP(c) JPL 980088 P MCU 980044 P AGE/CALV. 12/8 AVG. WI/CALV. 101/8	MCU 050032 AGE/CALV. 11/8 AVG. WI/CALV. 98/8	Wean Index 365D Index 540D Index ADG Index FCR Index Scrotum LH	97 335 1.22	Myostatin	Q204X 0 NT821 0 F94L 0				
REMARKS:	LOGIX EBV Analysis: 2022-09-20										

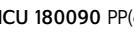
LOT 44		MAROCHEL BONSMARAS	MCU 130126 PP(c)	MCU 090078 P	Calving Ease Value <b>109</b>	Weaner Calf Value <b>118</b>	Fertility Value <b>116</b>	Maintenance Value <b>97</b>	Cow Value <b>122</b>	Growth Value <b>112</b>	Carcass Value <b>121</b>			
		MCU 170132 PP(c)	MCU 200275 PP(c) 2020-11-17 SP	MCU 100006 PP(c) AGE/CALV. 9/6 AVG. WI/CALV. 91/6	Calving Ease Value <b>109</b>	Weaner Calf Value <b>118</b>	Fertility Value <b>116</b>	Maintenance Value <b>97</b>	Cow Value <b>122</b>	Growth Value <b>112</b>	Carcass Value <b>121</b>			
Parentage Sire Dam	DNA Genomic	MCU 150226 Pp(c) AGE/CALV. 6/4 AVG. WI/CALV. 105/4 ICP 366	MCU 140195 P AGE/CALV. 7/5 AVG. WI/CALV. 108/5 ICP 369	MCU 100031 Pp(c) MCU 020109 P AGE/CALV. 13/10 AVG. WI/CALV. 101/11	Calf and Mother Fertility Post-Wean Growth	Frame Carcass	Birth Dir. Wean Dir. Wean Mat. Scr. Circ. Heifer Fert. Cow Fert. Longev. Post Wean ADG FCR Mature Weight Height Length EMA Fat Mar	118 110 102 119 119 126	Myostatin	Q204X 0 NT821 0 F94L 0				
JJ 040115	MCU 100127 HH(c)	MCU 050064 AGE/CALV. 12/10 AVG. WI/CALV. 95/9	MCU 050064 AGE/CALV. 12/10 AVG. WI/CALV. 95/9	Wean Index 365D Index 540D Index ADG Index FCR Index Scrotum LH	100 315 1.23	Myostatin	Q204X 0 NT821 0 F94L 0							
MCU 070007 P	MCU 110031 Pp(c) AGE/CALV. 11/8 AVG. WI/CALV. 105/8 ICP 424	MCU 020088 PP(c) AGE/CALV. 15/11 AVG. WI/CALV. 107/11	MCU 020088 PP(c) AGE/CALV. 15/11 AVG. WI/CALV. 107/11	REMARKS: Versbul	LOGIX EBV Analysis: 2022-09-20									

LOT 45		MAROCHEL BONSMARAS	MCU 180090 PP(c)	MCU 130071 PP(c)	Calving Ease Value <b>107</b>	Weaner Calf Value <b>105</b>	Fertility Value <b>94</b>	Maintenance Value <b>126</b>	Cow Value <b>103</b>	Growth Value <b>94</b>	Carcass Value <b>98</b>
		TEW 150044 HH(c) AGE/CALV. 7/4 AVG. WI/CALV. 100/4 ICP 422	MCU 200118 Pp(c) 2020-09-08 SP	MCU 100109 Pp(c) MCU 110031 Pp(c) AGE/CALV. 11/8 AVG. WI/CALV. 105/8	Calving Ease Value <b>107</b>	Weaner Calf Value <b>105</b>	Fertility Value <b>94</b>	Maintenance Value <b>126</b>	Cow Value <b>103</b>	Growth Value <b>94</b>	Carcass Value <b>98</b>
Parentage Sire Dam	DNA Genomic	AG 140017	MCU 180062 AGE/CALV. 4/2 AVG. WI/CALV. 104/1 ICP 416	CRV 090375 TEW 080092 AGE/CALV. 11/8 AVG. WI/CALV. 89/8	Calf and Mother Fertility Post-Wean Growth	Frame Carcass	Birth Dir. Wean Dir. Wean Mat. Scr. Circ. Heifer Fert. Cow Fert. Longev. Post Wean ADG FCR Mature Weight Height Length EMA Fat Mar	98 92 108 88 96 114 94 90 88 77 95 105 94 109 111	Myostatin	Q204X 1 NT821 0 F94L 0	
MCU 090016 Pp(c) AGE/CALV. 10/8 AVG. WI/CALV. 95/7 ICP 388	VV 050133 P	AG 040372 AGE/CALV. 13/11 AVG. WI/CALV. 100/10	MCU 030163 AGE/CALV. 13/8 AVG. WI/CALV. 103/7	Wean Index 365D Index 540D Index ADG Index FCR Index Scrotum LH	100 356 1.28	Myostatin	Q204X 1 NT821 0 F94L 0				
REMARKS:	LOGIX EBV Analysis: 2022-09-20										

**BULLE**

<b>LOT 46</b>		<b>MAROCHEL BONSMARAS</b>										
	<b>MCU 200150 HH(c)</b> 2020-09-24 SP			 <b>AEJ 100137 HH(c)</b>	<b>Geboortegemak Waarde</b> <b>118</b>	<b>Speenkalf Waarde</b> <b>96</b>	<b>Vrugbaarheidswaarde</b> <b>98</b>	<b>Onderhouds-waarde</b> <b>121</b>	<b>Koeiwaarde</b> <b>103</b>	<b>Groei-waarde</b> <b>90</b>	<b>Karkas-waarde</b> <b>92</b>	
<b>Ouerskap Vaar Moer</b>	DNS ✓✓ Genomes		 <b>MCU 090078 P</b>	 <b>MCU 090078 P</b>	<b>Kalf en Moeder</b> Geb. Dir. Spn. Dir. Spn. Mat. Skr. Omtr. Vers Vrugb. Koei Vrugb. Lankl.	<b>Vrugbaarheid</b> 365D Indeks 540D Indeks GDT Indeks VOV Indeks Skrotum LH	<b>Na-Speen Groei</b> Na-Speen GDT VOV Volw. Gewig Hoogte Lengte	<b>Raam</b> Volw. Gewig Hoogte Lengte	<b>Karkas</b> OSO Vet Mar			
 <b>MCU 130126 PP(c)</b>	<b>MCU 100006 PP(c) OUD/KALW. 9/6 GEM. SI/KALW. 91/6</b>	<b>Spn. Indeks</b> <b>95</b>	<b>365D Indeks</b> -	<b>540D Indeks</b> -	<b>GDT Indeks</b> <b>91</b>	<b>VOV Indeks</b> -	<b>Skrotum</b> <b>334</b>	<b>LH</b> <b>1.28</b>	<b>Miostatien</b> Q204X 0 NT821 0 F94L 0			
 <b>VV 080184</b>												
<b>OPMERKINGS:</b> Versbul	<b>LOGIX</b> EBV Analise: 2022-09-20											

<b>LOT 47</b>		<b>MAROCHEL BONSMARAS</b>										
			 <b>MCU 090078 P</b>	 <b>MCU 100031 Pp(c)</b>	<b>Geboortegemak Waarde</b> <b>103</b>	<b>Speenkalf Waarde</b> <b>103</b>	<b>Vrugbaarheidswaarde</b> <b>101</b>	<b>Onderhouds-waarde</b> <b>110</b>	<b>Koeiwaarde</b> <b>104</b>	<b>Groei-waarde</b> <b>107</b>	<b>Karkas-waarde</b> <b>106</b>	
<b>Ouerskap Vaar Moer</b>	DNS ✓✓ Genomes	 <b>CEF 050355</b>	 <b>MCU 020109 P OUD/KALW. 13/10 GEM. SI/KALW. 101/11</b>	<b>Kalf en Moeder</b> Geb. Dir. Spn. Dir. Spn. Mat. Skr. Omtr. Vers Vrugb. Koei Vrugb. Lankl.	<b>Vrugbaarheid</b> 365D Indeks 540D Indeks GDT Indeks VOV Indeks Skrotum LH	<b>Na-Speen Groei</b> Na-Speen GDT VOV Volw. Gewig Hoogte Lengte	<b>Raam</b> Volw. Gewig Hoogte Lengte	<b>Karkas</b> OSO Vet Mar				
 <b>CEF 020044 OUD/KALW. 16/12 GEM. SI/KALW. 99/11</b>	 <b>NFS 950146 Pp(c)</b>	<b>Spn. Indeks</b> <b>98</b>	<b>365D Indeks</b> -	<b>540D Indeks</b> -	<b>GDT Indeks</b> <b>95</b>	<b>VOV Indeks</b> -	<b>Skrotum</b> <b>326</b>	<b>LH</b> <b>1.19</b>	<b>Miostatien</b> Q204X 0 NT821 0 F94L 0			
<b>OPMERKINGS:</b>	<b>LOGIX</b> EBV Analise: 2022-09-20											

<b>LOT 48</b>		<b>MAROCHEL BONSMARAS</b>										
			 <b>MCU 100109 Pp(c)</b>	 <b>CRV 090375</b>	<b>Geboortegemak Waarde</b> <b>105</b>	<b>Speenkalf Waarde</b> <b>105</b>	<b>Vrugbaarheidswaarde</b> <b>96</b>	<b>Onderhouds-waarde</b> <b>114</b>	<b>Koeiwaarde</b> <b>102</b>	<b>Groei-waarde</b> <b>92</b>	<b>Karkas-waarde</b> <b>96</b>	
<b>Ouerskap Vaar Moer</b>	DNS ✓✓ Genomes	 <b>TEW 000992 OUD/KALW. 11/8 GEM. SI/KALW. 89/8</b>	 <b>MCU 100006 PP(c) OUD/KALW. 9/6 GEM. SI/KALW. 91/6</b>	<b>Kalf en Moeder</b> Geb. Dir. Spn. Dir. Spn. Mat. Skr. Omtr. Vers Vrugb. Koei Vrugb. Lankl.	<b>Vrugbaarheid</b> 365D Indeks 540D Indeks GDT Indeks VOV Indeks Skrotum LH	<b>Na-Speen Groei</b> Na-Speen GDT VOV Volw. Gewig Hoogte Lengte	<b>Raam</b> Volw. Gewig Hoogte Lengte	<b>Karkas</b> OSO Vet Mar				
 <b>MCU 040118 Pp(c) OUD/KALW. 13/9 GEM. SI/KALW. 103/9</b>	<b>Spn. Indeks</b> <b>97</b>	<b>365D Indeks</b> -	<b>540D Indeks</b> -	<b>GDT Indeks</b> <b>97</b>	<b>VOV Indeks</b> -	<b>Skrotum</b> <b>323</b>	<b>LH</b> <b>1.24</b>	<b>Miostatien</b> Q204X 1 NT821 0 F94L 0				
<b>OPMERKINGS:</b>	<b>LOGIX</b> EBV Analise: 2022-09-20											

**BULLS**

LOT 49 MAROCHEL BONSMARAS		Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value										
	MCU 170110 PP(c)	MCU 100109 Pp(c) AGE/CALV. 7/4 AVG. WI/CALV. 110/4	MCU 110027 PP(c) AGE/CALV. 5/2 AVG. WI/CALV. 101/2 ICP 677	Calving Ease Value <b>101</b>	Weaner Calf Value <b>98</b>	Fertility Value <b>108</b>	Maintenance Value <b>97</b>	Cow Value <b>103</b>										
	MCU 200340 Pp(c) 2020-12-07 SP	MCU 130151 PP(c) AGE/CALV. 10/8 AVG. WI/CALV. 100/9 ICP 372	MCU 090092 P AGE/CALV. 10/7 AVG. WI/CALV. 99/7	Calf and Mother	Fertility	Post-Wean Growth	Frame	Carcass										
Parentage Sire Dam	MCU 110019 HH(c) AGE/CALV. 11/9 AVG. WI/CALV. 100/9 ICP 372	CEF 050355 MCU 030309 MCU 020044 AGE/CALV. 16/12 AVG. WI/CALV. 99/11	Birth Dir. 103	Wean Dir. 105	Wean Mat. <b>89</b>	Scr. Circ. 106	Heifer Fert. 100	Cow Fert. 112	Longev. 105	Post Wean 103	ADG 100	FCR 89	Mature Weight 102	Height 100	Length 109	EMA 98	Fat 112	Mar 96
DNA ✓ ✓	MCU 070038 HH(c) AGE/CALV. 10/8 AVG. WI/CALV. 98/7 ICP 381	MCU 040120 P MCU 040136 Pp(c) AGE/CALV. 14/9 AVG. WI/CALV. 96/9	Wean Index <b>92</b>	365D Index -	540D Index -	ADG Index <b>94</b>	FCR Index -	Scrotum 345	LH 1.26	Myostatin								
Genomic ✓										Q204X 0	NT821 0	F94L 0						
REMARKS: Versbul									 EBV Analysis: 2022-09-20									

Dier Info				Actual Values							Expected Breeding Values										Indices				Dam	
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
		Breed Average																								
		Auction Average		38	244	8.18	50.0	1.23	339	1.05	-0.20	13.9	3.9	23	10	100	-48	10.2	9	32	103	103	106	102	5.0	107
1	MCU 180235	M	SP	34	221	-	38.6	1.20	339	-0.01	0.95	9.1	9.7	20.6	6.3	135	-60	19.4	2	19	103	99	111	105	5	106
2	MCU 200012	M	SP	43	222	-	59.2	1.23	341	1.36	-0.35	20.7	3.0	41.0	8.0	155	-55	14.3	7	33	102	104	105	107	6	102
3	MCU 200017	M	SP	44	227	-	50.6	1.23	366	4.11	-0.37	24.2	-1.1	40.5	9.2	165	-61	27.6	5	30	104	110	121	96	4	104
4	MCU 200066	M	SP	40	238	-	41.4	1.26	353	2.36	-0.15	19.9	2.3	42.1	44.0	200	-46	33.8	31	63	108	116	129	103	10	114
5	MCU 170210	M	SP	33	287	-	52.1	1.24	325	-0.75	-1.32	0.6	6.5	4.2	-0.3	17	-21	4.4	-19	-5	112	93	93	107	6	108
6	MCU 200029	M	SP	35	207	-	45.3	1.20	344	1.03	0.02	12.6	1.7	24.7	28.3	119	-54	11.6	-0	11	93	97	102	101	7	114
7	MCU 200177	M	SP	43	255	-	46.2	1.26	367	3.70	-0.62	21.4	-0.2	34.7	26.9	98	-35	25.9	4	33	99	91	119	105	4	104
8	MCU 200182	M	SP	40	279	-	52.9	1.22	334	2.05	-0.53	23.8	4.9	44.5	28.8	192	-79	11.5	23	46	112	97	101	105	7	110
9	MCU 190179	M	SP	38	225	-	48.1	1.20	321	1.71	0.04	12.4	4.9	17.2	6.6	36	-28	4.5	2	13	99	91	93	100	5	106
10	MCU 200360	M	SP	39	292	-	39.3	1.24	330	3.66	-0.33	30.7	3.4	55.7	42.2	275	-75	22.2	28	60	126	126	115	109	8	99
11	MCU 200113	M	SP	34	261	-	54.8	1.25	335	2.33	-0.70	25.0	2.9	41.9	25.5	191	-52	23.6	29	56	109	116	116	105	2	111
12	MCU 200121	M	SP	36	251	-	52.8	1.19	345	2.25	-0.16	18.4	5.3	37.5	-5.8	231	-85	20.2	20	37	106	109	112	106	2	98
13	MCU 200153	M	SP	39	268	-	57	1.25	308	2.15	-1.79	29.5	1.8	55.9	24.2	237	-80	3.1	18	50	107	111	91	100	5	115
14	MCU 200207	M	SP	41	271	-	50.4	1.27	359	2.33	-0.88	24.1	-0.4	41.5	9.5	151	-47	15.8	18	47	108	106	107	102	8	107
15	AG 170008	M	SP	36	237	8.18	-	-	-	2.69	-0.60	15.0	5.6	20.5	-10.2	108	-52	20.4	1	23	109	-	112	106	2	117
16	MCU 200189	M	SP	41	268	-	60.4	1.24	359	3.24	-0.58	21.3	1.1	36.0	14.1	126	-41	24.9	7	33	106	109	118	99	4	103
17	MCU 200022	M	SP	40	215	-	49.9	1.27	314	2.12	-0.67	17.3	5.9	35.2	25.4	127	-50	1.3	-9	24	100	107	89	103	5	107
18	MCU 200011	M	SP	35	237	-	50.8	1.32	352	2.45	-0.71	24.6	3.1	46.5	30.0	187	-58	22.2	11	50	115	110	115	110	4	106
19	MCU 200005	M	SP	37	197	-	43.7	1.27	324	1.67	-1.10	14.9	-3.0	24.4	-6.3	52	-19	4.4	-1	23	91	103	93	93	6	103
20	MCU 200238	M	SP	40	267	-	49.1	1.27	308	3.19	0.75	22.1	6.6	40.5	12.3	165	-50	20.6	18	48	113	114	113	106	8	109
21	MCU 200305	M	SP	43	239	-	48.8	1.24	344	3.24	-0.61	22.2	4.9	43.4	20.2	174	-47	20.5	20	49	98	103	112	104	3	99
22	MCU 200265	M	SP	43	271	-	46.6	1.23	373	3.35	0.20	21.4	7.4	42.5	20.0	232	-70	35	22	44	107	113	130	108	5	107
23	MCU 200313	M	SP	46	265	-	44.4	1.20	310	4.30	-0.62	25.1	5.0	50.2	26.0	201	-76	6.9	32	54	102	106	96	105	4	105
24	MCU 200190	M	SP	41	258	-	49.3	1.22	352	2.22	-0.47	20.2	4.8	36.0	12.6	172	-55	26.7	29	52	102	103	120	100	3	92
25	MCU 200231	M	SP	39	240	-	56.4	1.25	307	0.29	-0.65	11.5	4.8	24.8	-6.0	74	-28	-6	2	26	94	92	87	100	4	104

Dier Info				Werklike Syfers								Verwagte Teelwaardes										Indekse			Moeder			
LOT	Dier ID	Geslag	AFD	Geb. Gewig (kg)	205d Gewig (kg)	KKG Verh.	KKS Verh.	Lengte Hoogte Verh.	Skr. Omtr. (mm)	Geb Dir (kg)	Geb Mat (kg)	Spn Dir (kg)	Spn Mat (kg)	Na-Spn (kg)	Volw. Gewig (kg)	GDT (g/d)	VOV (kg:kg)	Skr. Omtr. (mm)	Hoogte (mm)	Lengte (mm)	Spn. GDT	Skr. Omtr.	Gem. Spn. Indeks	Aant. Kalw.	Repr. Indeks			
<b>Ras Gemiddeld</b>				<b>Aanbod Gemiddeld</b>	38	244	8.18	50.0	1.23	339	1.05	-0.20	13.9	3.9	23	10	100	-48	10.2	14.8	9	32	103	103	106	102	5.0	107
26	MCU 200060	M	SP	43	234	-	53	1.20	335	0.76	-0.34	18.5	0.8	32.3	3.7	124	-47	13.7	15	28	104	105	104	102	9	119		
27	MCU 200096	M	SP	30	232	-	62.4	1.24	318	0.12	-0.55	13.1	2.8	23.3	-9.4	105	-45	6.6	-3	15	99	94	96	99	1	96		
28	MCU 200132	M	SP	37	247	-	52.9	1.20	344	1.59	-0.30	15.6	7.4	33.9	0.9	180	-66	19.7	12	25	103	105	112	104	2	97		
29	MCU 200133	M	SP	34	245	-	53.5	1.24	344	0.35	-0.63	15.1	-0.6	26.3	2.6	93	-31	5.4	5	29	104	98	94	101	2	97		
30	MCU 200135	M	SP	41	261	-	61.6	1.22	341	2.61	-0.45	22.4	3.6	35.3	2.9	130	-53	14.4	11	30	106	94	105	104	3	105		
31	MCU 200119	M	SP	35	252	-	64.3	1.22	352	0.70	-0.78	13.5	5.2	25.8	-10.9	115	-44	17.6	6	23	105	109	109	101	2	109		
32	MCU 200139	M	SP	39	233	-	51.9	1.22	393	0.29	-1.06	12.3	2.7	26.1	7.7	94	-43	16	8	20	91	96	107	96	8	115		
33	MCU 200345	M	SP	39	243	-	49	1.21	336	0.64	-0.47	14.4	3.7	34.0	6.1	151	-60	7.7	19	33	95	103	97	98	5	116		
34	MCU 200258	M	SP	40	270	-	43.8	1.27	326	4.03	0.25	28.4	3.3	50.4	39.0	188	-56	12.5	8	42	115	103	103	112	7	99		
35	MCU 200158	M	SP	34	219	-	59.4	1.25	365	0.49	-0.59	12.6	-1.2	27.2	2.0	96	-15	24.8	8	31	92	111	118	98	4	103		
36	MCU 200220	M	SP	25	230	-	-	1.21	306	1.19	-1.64	19.5	0.7	34.7	24.8	84	-37	-.1	16	30	102	102	87	96	8	111		
37	MCU 200284	M	SP	37	255	-	50.8	1.23	340	2.45	0.47	20.2	2.7	36.0	9.2	154	-48	20.8	7	36	109	98	113	106	9	111		
38	MCU 200024	M	SP	27	206	-	52.8	1.23	376	-1.86	-1.69	6.5	2.0	16.7	-2.5	53	-20	14.2	-16	1	102	102	105	97	6	115		
39	MCU 200283	M	SP	39	235	-	43.6	1.19	332	2.19	0.18	17.5	1.6	33.9	2.2	197	-66	13.2	17	34	98	107	104	100	10	115		
40	MCU 200310	M	SP	40	221	-	38.4	1.21	341	1.97	-0.08	15.4	-0.6	29.2	6.0	103	-29	13.8	-4	18	90	100	104	94	8	109		
41	MCU 200244	M	SP	37	258	-	52.8	1.23	335	1.05	-0.68	15.9	3.0	27.2	9.4	110	-40	11.8	12	30	110	111	102	103	5	94		
42	MCU 200093	M	SP	32	234	-	49.3	1.24	359	0.00	-0.52	9.9	3.9	19.9	20.0	47	-20	13.6	-1	18	97	94	104	103	2	111		
43	MCU 200358	M	SP	46	265	-	36	1.22	335	3.26	-0.51	18.0	7.1	34.6	6.8	149	-53	15.9	22	40	102	97	107	104	6	108		
44	MCU 200275	M	SP	33	251	-	47.2	1.23	315	0.82	-1.29	21.0	2.5	41.4	11.9	150	-52	7.7	17	42	102	100	97	105	4	106		
45	MCU 200118	M	SP	32	247	-	64.9	1.28	356	0.75	-0.81	13.0	1.8	21.2	-15.9	54	-22	16.9	-3	23	104	100	108	104	2	111		
46	MCU 200150	M	SP	31	228	-	54	1.28	334	-0.28	-1.69	5.3	6.4	15.1	-11.6	43	-16	8.7	-13	11	95	91	98	97	2	112		
47	MCU 200352	M	SP	34	244	-	38.7	1.19	326	1.36	-1.08	12.8	4.7	26.7	-0.2	123	-43	11.4	8	29	98	95	101	104	9	106		
48	MCU 200235	M	SP	37	238	-	45.3	1.24	323	1.16	-1.54	14.3	2.0	22.9	-2.4	22	-15	5.9	-6	13	97	97	95	102	2	110		
49	MCU 200340	M	SP	36	221	-	38.3	1.26	345	0.76	0.06	16.0	0.8	27.7	12.0	101	-23	14.8	1	28	92	94	106	100	9	115		

### EXPLANATION OF CATALOGUE ABBREVIATIONS

### VERDUIDELIKING VAN KATALOGUS AFKORTINGS

Lot Number	LOT	LOT	Lot Nommer
Estimated breeding value	EBV	EBV	Beraamde teelwaarde
Parentage verification	Parentage	Ouerskap	Ouerskap verifikasie
Age in years / Number of calvings	AGE. / CALV.	OUD. / KALF.	Ouderdom in jaar / Aantal kalwings
Average Wean index / Number of calves weaned	Ave WI / CALV.	GEM SI / KALF.	Gemiddelde speen indeks / Aantal kalwers gespeen
Animal identification number	ID	ID	Dier se identifikasie nommer
Herd Book Section	SEC	AFD	Kuddeboek Afdeling
Herd Book Section: Pending Registration	PEN	PEN	Kuddeboek Afdeling: Wag vir Registrasie
Herd Book Section: Not for Registration	NFR	NFR	Kuddeboek Afdeling: Nie vir Registrasie
Herd Book Section: Foundation Generation	FO	FO	Kuddeboek Afdeling: Fondasie Generasie
Herd Book Section: Appendix A	A	A	Kuddeboek Afdeling: Aanhangsel A
Herd Book Section: Appendix B	B	B	Kuddeboek Afdeling: Aanhangsel B
Herd Book Section: Studbook Proper, a registered animal	SP	SP	Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier
Genomically Tested	GT	GT	Genomies Getoets
Homozygous Horned (Celtic test)	HH(c)	HH(c)	Homosigoties horings (Celtic toets)
Homozygous Polled (Celtic test)	PP(c)	PP(c)	Homosigoties Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	P	Fenotipies Poena
Intercalving Period	ICP	TKP	Tussen-Kalf Periode
Birth Direct breeding value	Birth Dir.	Geb. Dir	Geboorte Direk teelwaarde
Wean Direct breeding value	Wean Dir.	Spn. Dir.	Speen Direk teelwaarde
Wean Maternal breeding value	Wean Mat.	SPn. Mat.	Speen Maternaal teelwaarde
Scrotal Circumference	Scr. Circ.	Skr. Omt.	Skrotum omtrek
Heifer Fertility	Heifer Fert.	Vers Vrugb.	Vers Vrugbaarheid
Cow Fertility	Cow Fert.	Koei Vrugb.	Koei Vrugbaarheid
Longevity	Longev.	Lankl.	Lanklewendheid
Mature Weight	Mat. Wt.	Volw. Gewig	Volwasse gewig
Average Daily Gain (g/day)	ADG	GDT	Gemiddelde Daagliks Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness	Fat	Vet	Rugvet Diepte
Marbling (intra-muscular fat)	Mar	Mar	Marmering (binne-spieperse vet)
365-day weight index	365D Index	365D Indeks	365-dae gewig indeks
540-day weight index	540D Index	540D Indeks	540-dae gewig indeks
Length-Height ratio	LH	LH	Lengte-Hoogte Verhouding
Actual Birth weight	Birth Wt.	Geb. gewig	Werklike Geboorte gewig
205-day Dam-age corrected weight	205d Wt.	205d gewig	205-dag Moeder-ouderdom gekorrigeerde gewig
Cow-Calf Birth Ratio	CCG	KKG	Koei-Kalf Geboorte Verhouding
Cow-Calf Wean Ratio	CCW	KKS	Koei-Kalf Speen Verhouding
Average Weaning Index	Avg. Wean Index	Gem. Spn. Indeks	Gemiddelde speen indeks
Number of Calves	Nr. Calves	Aant. Kalw.	Aantal kalwers
Reproduction Index	Repr. Index	Repr. Indeks	Reproduksie indeks
Animal sex: M - Male, F - Female	M / F	M / V	Dier geslag: M - Manlik, V - Vroulik