

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

BONSMARA KATALOGUS1

Veilingsdatum / Auction Date:
14 January 2022

Data soos op / Data as on:
14 January 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 prosedures 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 Rasstandaarde soos bepaal deur die Genootskap.

Die Genootskap het egter GEEN beheer oor:

- Immunisering en gesondheidstatus van diere
- Dragtigheidstatus van koeie en verse
- Teelgeskiktheid van bulle
- Vrugbaarheidstatus, asook geslagsiekties 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

LOT 1
THE RED CATTLE FARM

3

ABC 150029

2015-02-03

SP

Parentage

Sire

Dam

DNA

Genomic

DEF 100066 P

ABC 080011

AGE/CALV. 13/9

AVG. Wt/CALF 105/9

DEF 050022

GHI 070076 HH(c)

AGE/CALV. 14/10

AVG. Wt/CALF 92/10

JKL 000077 P

MNO 030002

AGE/CALV. 19/10

AVG. Wt/CALF 109/10

2 CO-OWNER(S)

USED IN HERD

- Lot Number
- Owner of the animal
- Herd's logo (if available)
- Animal Identification Number
- Birth date
- Herd book section - F0 / A / B / SP
- Four (4) generation pedigree
- Genomic testing - it is indicated with the GT logo
- Polled Status - the status will only be printed for animals that have been tested
- Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
- QR Code - This code can be scanned with a smart device. It redirects to the animal's information on www.SABeefBulls.com where all information for the animal is available.
- Number of owners/co-owners/users/semen-users - if more than 1 user
- Dam information
 - Age and Number of Calves
 - Average Wean Index and Number Weaned

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	98	111	99	101	98	103
1	2	3	4	5	6	7



5 L♀ 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♀ GIX Weaner Calf Value

Selection of:

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



7 L♀ GIX Carcass Value

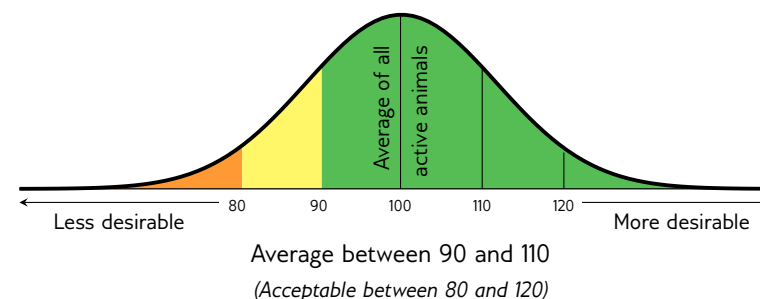
Selection for higher meat yield on carcass



6 L♀ 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	Risk				Small	
		Calf Growth Value	CGrV	Calf's genetic ability for pre-weaning growth	Heavy Calf	Light				Heavy	
		Milk Value	MlkV	Cow's genetic mothering and milking ability	Enough milk for the calf	Few				Many	
	4	Maintenance Value	MntV	Maintenance requirements of cow (cow weight and milk)	Low 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 (R-value)	Profitable growth	Loss				Profit	
	7	Carcass Value	VarcV	Meat on carcass (Weight and RTU EBVs)	More muscle on the carcass	Few				Many	
	Production Value	PV	Combination of Cow- and Growth values (Rand-value)	Protifable animals	Low				High		
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	Small				Big	
	18	Mature Cow Weight	MW	Cow weight at weaning of first three calves	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	Heavy	Low				High		
Fertility	12	Heifer Fertility	HF	Age at first calving	Fertile heifers	Unfert.				Fertile	
	13	Cow Fertility	CfE	First 3 inter-calving periods (ICPs)	Fertile cows	Unfert.				Fertile	
	11	Scrotal Circumference	SC	Scrotal circumference as measured during the growth test	Fertile bulls	Unfert.				Fertile	
		Longevity	LG	Retention of progeny	Acceptable progeny	Weak				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	Weak					Good
	17	Feed Conversion Ratio	FCR	100g feed intake / g weight gain	Feed efficiency	Weak					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
	24	Length-Height Ratio	LH	EBV Length / EBV Height	Longer rather than tall	<1					>1
Carcass	21	Eye Muscle Area	EMA	RTU measured eye muscle area	More muscle	Small					Big
	22	Fat Thickness	Fat	RTU measured P8 backfat thickness	Carcass quality	Thin					Thick
	23	Marbling	Mar	RTU measured % of intra-muscular fat	Tender meat	Few					Many
		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
99	99	90	97	75	92	85	100	94	93	92	123	110	104	100	79
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

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, 540D, 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

COWS

LOT 1

BOSHOF BONSMARAS

CHC 150058
2015-10-29
B
AGE/CALV. 6/4
AVG. WI/CALF 107/3

Parentage Sire Dam

DNA ✓ ✓

Genomic

JJ 040121

CHC 110309
AGE/CALV. 10/7
AVG. WI/CALF 102/6

MMJ 000319

OB 000314
AGE/CALV. 21/6
AVG. WI/CALF 100/6

AG 960059
MMJ 940186
AGE/CALV. 28/6
AVG. WI/CALF 106/5

VV 940061
OB 930090
AGE/CALV. 28/7
AVG. WI/CALF 106/7

Calving Ease Value 106	Weaner Calf Value 104	Fertility Value 108	Maintenance Value 105	Cow Value 112	Growth Value 105	Carcass Value 106
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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
109	96	114	127	102	107	110	100	105	98	93	91	101	120	94	95

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	112	104	-	-	-	-

EBV Analysis: 2021-12-20

Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS: hoër temperatuur

BULLE

LOT 2

BOSHOF BONS MARAS

CHC 210039
2021-06-20
SP

Ouerskap Vaar Moer

DNS

Genomies



CHC 170077 Pp(c)
OUD/KALW. 4/2
GEM. SI/KALF 95/1

MCU 100109 Pp(c)

MCU 110151 PP(c)
OUD/KALW. 10/7
GEM. SI/KALF 114/7

HDT 120020 Pp(c)

CHC 070021
OUD/KALW. 14/5
GEM. SI/KALF 100/5

JJ 040115

MCU 050086 Pp(c)
OUD/KALW. 16/10
GEM. SI/KALF 102/10

MCU 070007 P
MCU 090036 Pp(c)
OUD/KALW. 13/7
GEM. SI/KALF 94/7

HDT 080015

HDT 080079 P
OUD/KALW. 13/10
GEM. SI/KALF 98/9

**Geboortegemak
Waarde
108**

**Speenkalf
Waarde
98**

**Vrugbaarheids-
waarde
110**

**Onderhouds-
waarde
119**

**Koeiwaarde
109**

**Groei-
waarde
87**

**Karkas-
waarde
92**

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
106	90	99	90	107	109	106	88	81	73	84	96	99	82	123	113

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
-	-	-	-	-	-	-

EBV Analiese: 2021-12-20

Miostation

Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS:

COWS

LOT 3

BOSHOF BONSMARAS

CHC 180016

2018-05-13
B
AGE/CALV. 4/1
AVG. WJ/CALF /0

Parentage Sire Dam

DNA ☒

Genomic



CHC 110316

AGE/CALV. 10/7
AVG. WJ/CALF 99/6

HDT 080015

HDT 080079 P

AGE/CALV. 13/10
AVG. WJ/CALF 98/9

LAR 040245

HDT 040022 Pp(c)

AGE/CALV. 18/8
AVG. WJ/CALF 99/7

RAI 050008

HDT 000134 P

AGE/CALV. 21/12
AVG. WJ/CALF 106/11

Calving Ease
Value
99

Weaner Calf
Value
95

Fertility
Value
86

Maintenance
Value
108

Cow Value
87

Growth
Value
90

Carcass
Value
95

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	98	90	95	75	93	114	98	91	90	92	119	109	102	100	77

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
91	98	106	-	-	-	-

EBV Analysis: 2021-12-20

Myostatin

Q204X Not Tested

NT821 Not Tested

F94L Not Tested

REMARKS:

Dier Info				Actual Values					Expected Breeding Values										Indices			Dam			
LOT	Animal ID	Sex	SEC	Birth 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				35	-	43.9	-	-	1.04 0.58	-0.20 -0.26	13.6 11.3	3.9 4.2	22 22	10 -2	98 63	-47 -20	10.0 13.3	3	19	100	-	104	99	5.0	106
1	CHC 150058	F	B	33	-	43.3	-	-	0.14	0.11	11.7	7.8	25	2	123	-43	31.7	-6	17	109	-	127	102	7	105
2	CHC 210039	M	SP	36	-	46.4	-	-	0.41	-0.62	9.3	3.8	16	-8	7	10	1.7	-2	14	-	-	90	95	2	107
3	CHC 180016	F	B	36	-	42.1	-	-	1.20	-0.28	12.8	1.1	24	1	58	-26	6.4	17	27	91	-	95	99	7	106

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 and months / Number of calves	AGE. / CALV.	OULD. / KALF.	Ouderdom in jaar en maande / Aantal kalwers
Average Wean index / Number of calves	Ave WI / Calv	GEM SI / KALF.	Gemiddelde speen indeks / Aantal kalwers
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)	Homosigotiets Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	P	Fenotopies 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	Mature Weight	Volw. Gewig	Volwasse gewig
Average Daily Gain (g/day)	ADG	GDT	Gemiddelde Daaglikse Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness	Fat	Vet	Rugvet Diepte
Marbeling (intra-muscular fat)	Mar	Mar	Marmering (binne-spieerse 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
Birth weight	Birth Wt.	Geb. gewig	Geboorte 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