

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

TOETSGEORPUBL

Veilingsdatum / Auction Date:
14 February 2022

Data soos op / Data as on:
14 February 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 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

LOT 1
1

THE RED CATTLE FARM
2

3

ABC 150029
4

2015-02-03
5

SP
6

Parentage Sire Dam

DNA
✓

Genomic
✓

2 CO-OWNER(S)
12

USED IN HERD

DEF 100066 P

DEF 050022
7

GHI 070076 HH(c)
8

AGE/CALV. 14/10
AVG. Wt/CALV. 92/10
ICP 395

JKL 000077 P

ABC 080011

AGE/CALV. 13/9
AVG. Wt/CALV. 105/9
ICP 417

MNO 030002
13

AGE/CALV. 19/10
AVG. Wt/CALV. 109/10
ICP 407

- Lot Number
- Owner of the animal
- Herd's logo (if available)
- Animal Identification Number
- Birth date
- Herd book section - NFR / PEN / 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 Calvings
 - Average Wean Index and Number of Calves Weaned
 - Intercalving Period

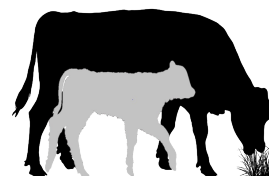
MYOSTATIN STATUS

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

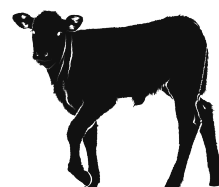


5 L♀ GIX Cow Value

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

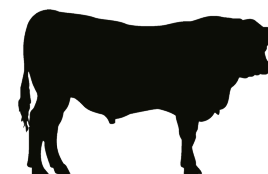
Selection of:

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



7 L♀ GIX Carcass Value

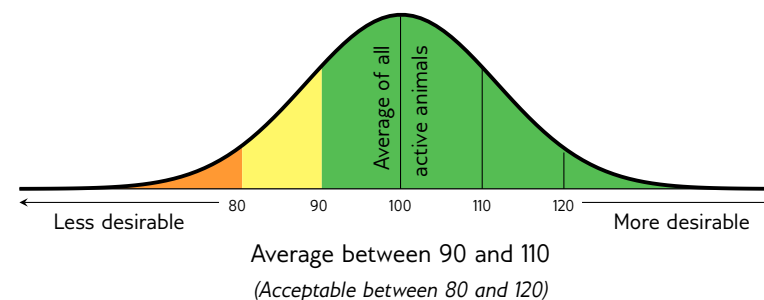
Selection for higher meat yield on carcass



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 birth weight	High					Low
		Calf Growth Value	CGrV	Calf's genetic ability for pre-weaning growth	Heavy weaner calf	Light					Heavy
		Milk Value	MlkV	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
		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	CFE	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
	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	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
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. Wt/CALV. 111/4
ICP 387

JJ 040121

CHC 110309
AGE/CALV. 10/7
AVG. Wt/CALV. 103/7
ICP 412

Parentage Sire Dam

DNA ✓ ✓

Genomic

MMJ 000319

OB 000314
AGE/CALV. 10/6
AVG. Wt/CALV. 100/6
ICP 513

AG 960059
MMJ 940186
AGE/CALV. 12/6
AVG. Wt/CALV. 106/5

VV 940061
OB 930090
AGE/CALV. 10/7
AVG. Wt/CALV. 106/7

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
105	115	107	104	120	110	112

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
107	99	128	130	100	108	111	103	110	101	93	96	106	107	104	108

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

Last Calf	
Calf ID	CHC 210050 (M)
Birth Date	2021-07-01
Sire ID	MULTIPLE SIRES

EBV Analysis: 2022-01-31

Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS:

BULLS

LOT 2 **BOSHOF BONSMARAS**

CHC 210039
2021-06-20
SP

MCU 140048 Pp(c)

CHC 170077 Pp(c)
AGE/CALV. 4/2
AVG. Wt/CALV. 97/2
ICP 384

Parentage Sire Dam

DNA

Genomic

MCU 100109 Pp(c)

MCU 110151 PP(c)
AGE/CALV. 10/7
AVG. Wt/CALV. 114/7
ICP 435

HDT 120020 Pp(c)

CHC 070021
AGE/CALV. 12/5
AVG. Wt/CALV. 100/5
ICP 470

JJ 040115

MCU 050086 Pp(c)
AGE/CALV. 12/10
AVG. Wt/CALV. 102/10

MCU 070007 P

MCU 090036 Pp(c)
AGE/CALV. 10/7
AVG. Wt/CALV. 94/7

HDT 080015

HDT 080079 P
AGE/CALV. 13/10
AVG. Wt/CALV. 98/9

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
107	103	113	124	114	91	96

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
105	92	102	92	110	110	104	89	85	76	78	100	103	77	128	119

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
99	-	-	-	-	-	-

Last Calf	
Calf ID	CHC 210050 (M)
Birth Date	2021-07-01
Sire ID	MULTIPLE SIRES

EBV Analysis: 2022-01-31

Myostatin	
Q204X	Not Tested
NT821	Not Tested
F94L	Not Tested

REMARKS:

COWS

LOT 3 **BOSHOF BONSMARAS**

CHC 180016
 2018-05-13
 B
 AGE/CALV. 3/1
 AVG. Wt/CALV. -/-
 ICP -

CHC 110316
 AGE/CALV. 10/7
 AVG. Wt/CALV. 101/7
 ICP 409

Parentage	Sire	Dam
DNA	✓	
Genomic		

HDT 080015

HDT 080079 P
 AGE/CALV. 13/10
 AVG. Wt/CALV. 98/9
 ICP 445

LAR 040245

HDT 040022 Pp(c)
 AGE/CALV. 10/8
 AVG. Wt/CALV. 99/7

RAI 050008

HDT 000134 P
 AGE/CALV. 14/12
 AVG. Wt/CALV. 106/11

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
99	98	84	116	90	90	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	93	95	74	92	113	98	92	90	87	120	109	87	107	84

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

Last Calf	
Calf ID	CHC 210070 (F)
Birth Date	2021-10-01
Sire ID	MCU 140048

EBV Analysis: 2022-01-31

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)	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				35	207	-	48.4	-	-	1.04 0.70	-0.20 -0.43	13.7 12.1	3.9 6.1	22 23	10 -5	99 77	-47 -24	10.1 15.0	6	24	100	-	106	100	5.0	106
1	CHC 150058	F	B	33	206	-	38.6	-	-	0.34	-	13.3	11.7	28	2	146	-49	34.5	-2	24	109	-	130	103	7	105
2	CHC 210039	M	SP	36	249	-	58.2	-	-	0.51	-0.57	10.2	4.5	17	-14	26	4	4	1	20	99	-	92	97	2	107
3	CHC 180016	F	B	36	162	-	-	-	-	1.25	-0.30	12.7	2.0	24	-4	60	-26	6.4	18	28	91	-	95	101	7	106

EXPLANATION OF CATALOGUE ABBREVIATIONS

VERDUIDELIKING VAN KATALOGUS AFKORTINGS

Lot Number	LOT	Lot Nommer
Estimated breeding value	EBV	Beraamde teelwaarde
Parentage verification	Parentage	Ouerskap verifikasie
Age in years / Number of calvings	AGE. / CALV.	Ouderdom in jaar / Aantal kalwings
Average Wean index / Number of calves weaned	Ave WI / CALV.	Gemiddelde speen indeks / Aantal kalwers gespeen
Animal identification number	ID	Dier se identifikasie nommer
Herd Book Section	SEC	Kuddeboek Afdeling
Herd Book Section: Pending Registration	PEN	Kuddeboek Afdeling: Wag vir Registrasie
Herd Book Section: Not for Registration	NFR	Kuddeboek Afdeling: Nie vir Registrasie
Herd Book Section: Foundation Generation	FO	Kuddeboek Afdeling: Fondasie Generasie
Herd Book Section: Appendix A	A	Kuddeboek Afdeling: Aanhangsel A
Herd Book Section: Appendix B	B	Kuddeboek Afdeling: Aanhangsel B
Herd Book Section: Studbook Proper, a registered animal	SP	Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier
Genomically Tested	GT	Genomies Getoets
Homozygous Horned (Celtic test)	HH(c)	Homosigoties horings (Celtic toets)
Homozygous Polled (Celtic test)	PP(c)	Homosigotiets Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	Fenotopies Poena
Intercalving Period	ICP	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 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-spijse 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