

ENTERPRISE BUDGET			
Classification	Livestock	Province	Western Cape
Enterprise Budget Name	Commercial extensive beef	District	Swartland/Cape Winelands
Breed	Nguni (Initial year)	Area	Swartland/Cape Winelands
Date Developed	04 April 2023	Date updated	03 September 2024
Developer	Blanche Williams	Updater	Blanche Williams
Herd size	773		
LSU	489		

Use this Budget only as aid in the planning process.

	Unit	Price Per Unit	Quantity	Per herd	Value Per LSU
GROSS INCOME				3 139 698,15	6 420,68
Product Income					
Beef weaners 12 months	KG	23,00	76 794	1 766 257,58	3 612,00
Cull cows	KG	38,86	34 327,39	1 333 962,25	2 727,95
Cull bulls	KG	50,00	789,57	39 478,32	80,73
MARKETING COSTS	0%		0,0	0,00	0,00
GROSS INCOME minus MARKETING COSTS				3 139 698,15	6 420,68
TOTAL ALLOCATABLE VARIABLE COSTS				8 019 540,73	16 399,97
DIRECTLY ALLOCATABLE VARIABLE COSTS				7 998 609,87	16 357,16
CONSUMABLE ITEMS/COSTS					
PURCHASED FEED AND SUPPLEMENTS COSTS				563 445,29	1 152,25
Wheat straw	Ton	2 200,00	103,66	228 051,59	466,37
Summer lick	Kg	8,00	11 981,25	95 851,08	196,02
Winter lick	Kg	8,00	11 981,25	95 851,08	196,02
Molasses	Kg	4,00	35 923,00	143 691,55	293,85
FARM PRODUCED FEED COSTS				792 128,40	1 619,90
Medics establishment	Ha	1 693,38	250,00	423 345,00	865,74
Oats establishment	Ha	1 868,75	180,00	336 375,00	687,89
Rye establishment	Ha	2 160,56	15,00	32 408,40	66,28
MEDICINAL COSTS				176 217,26	360,36
Attila	L	490,54	23,46	11 509,63	23,54
Ivermax	L	591,19	4,60	2 718,89	5,56
Ivomec	L	1 297,57	45,99	59 675,15	122,04
Botuvax	ML	2,86	1 334,00	3 819,30	7,81
Covexin 10	ML	7,41	2 668,00	19 779,46	40,45
Lumpyvax	ML	16,40	667,00	10 941,35	22,38
RB 51	ML	32,32	624,00	20 164,56	41,24
Virbamec +L	L	2 506,34	4,60	11 526,68	23,57
Multimin +SE Cu + Cr	ML	4,66	2 595,90	12 094,70	24,73
Pro Vit A	ML	2,70	1 022,00	2 763,95	5,65
Nobi-Vac	Doses	7,12	667,00	4 748,81	9,71
Dectomex	ML	3,58	4 599,00	16 474,77	33,69
ELECTRICITY				240 000,06	490,80
Electricity	R/kWh	4,1	58 536,60	240 000,06	490,80
CAPITAL COSTS				6 019 500,00	12 309,88
Breeding bulls	Each	35 000,00	7,00	245 000,00	501,03
Breeding cows	Each	10 000,00	328,00	3 280 000,00	6 707,60
Fencing	KM	19 000,00	130,00	2 470 000,00	5 051,15
Water pump	Each	20 000,00	1,00	20 000,00	40,90
Feeding troughs	Each	150,00	30,00	4 500,00	9,20
LABOUR				207 318,86	423,97
Casual labour livestock	R/Manhours	27,58	7517,00	207 318,86	423,97
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				-4 858 911,72	-9 936,48

INDIRECTLY ALLOCATABLE VARIABLE COSTS			20 930,86	42,80
Fuel	L	20,39	13 276,34	27,15
Repairs & Maintenance			7 654,52	15,65
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			-4 879 842,58	-9 979,28
Interest on Working Capital			942 296,04	1 927,00
MARGIN ABOVE SPECIFIED COSTS			-5 822 138,62	-11 906,28

NOTES:

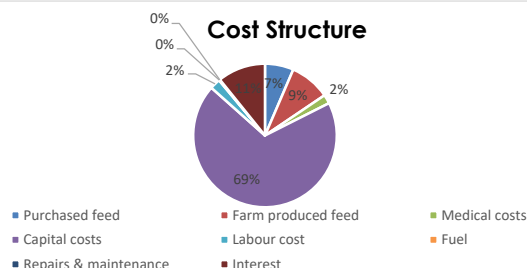
Interest Rate	11,75%
Growing period of an animal (Months)	12
Calving %	95
Mortality %	2

The Nguni extensive budget does not factor in herd expansion. It takes into account replacement and the rest of the offspring are sold.

SENSITIVITY ANALYSIS					
YIELD (KG)	PRICE (R/KG)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 25,25	R 26,65	R 28,06	R 29,46	R 30,86
89 528,61	-R 6 701 254	-R 6 575 666	-R 6 450 078	-R 6 324 490	-R 6 198 902
100 719,68	-R 6 418 681	-R 6 277 395	-R 6 136 108	-R 5 994 822	-R 5 853 536
111 910,8	-R 6 136 108	-R 5 979 124	-R 5 822 139	-R 5 665 154	-R 5 508 169
123 101,84	-R 5 853 536	-R 5 680 852	-R 5 508 169	-R 5 335 485	-R 5 162 802
134 292,91	-R 5 570 963	-R 5 382 581	-R 5 194 199	-R 5 005 817	-R 4 817 435
BREAKEVEN YIELD (KG)	354 927	336 246	319 434	304 223	290 394

Costs Of Production	R/year
Purchased feed	563 445,29
Farm produced feed	792 128,40
Medical costs	176 217,26
Capital costs	6 019 500,00
Labour cost	207 318,86
Fuel	13 276,34
Repairs & maintenance	7 654,52
Interest	942 296,04

Cost Structure



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