

ENTERPRISE BUDGET

Classification	Pasture	Province	Western Cape
Enterprise Budget Name	Lucerne (Irrigated)- Yr 2	District	West Coast/Cape Winelands
Land Size	1 Hectare	Area	Swartland/Drakenstein
Date Developed	23 February 2021	Latest update	15 November 2023
Developer	Sinovuyo Magqibelo	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Clay/Clay-Loam		

Use this enterprise budget as an aid in the planning process.

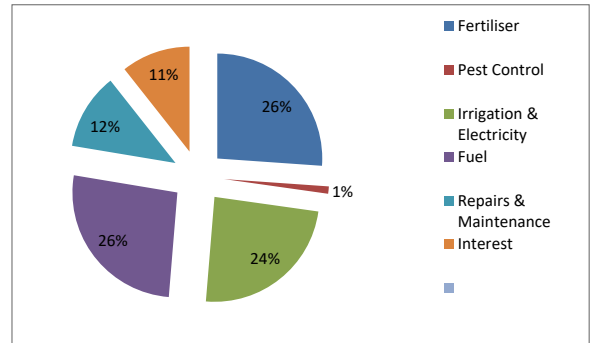
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			18,00	72 000,00	4 000,00
Product Income					
Lucerne -Sales (80%)	Ton	5 000,00	14,40	72 000,00	20 000,00
Lucerne - Feed (20%)	Ton	0,00	3,60	0,00	0,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		72 000,00	4 000,00
TOTAL ALLOCATABLE VARIABLE COSTS				11 502,88	639,05
DIRECTLY ALLOCATABLE VARIABLE COSTS				6 666,52	370,36
A) PRE-HARVEST COST					
FERTILISER				3 318,21	184,35
MAP (35)	Kg	36,87	90,00	3 318,21	184,35
HERBICIDES				145,85	8,10
Glyphosate	L	145,85	1,00	145,85	8,10
PESTICIDES/INSECTICIDES				142,46	7,91
Biomectin	L	142,46	1,00	142,46	7,91
IRRIGATION & ELECTRICITY				3 060,00	170,00
Electricity cost		170,00	18,00	3 060,00	170,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				65 333,48	3 629,64
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 836,37	268,69
B) PRE-HARVEST COST					
Fuel	L	21,06		52,90	2,94
Repairs & Maintenance				131,88	7,33
C) HARVEST COSTS					
Fuel	L	21,06		3 291,96	182,89
Repairs & Maintenance				1 359,63	75,53
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				60 497,12	3 360,95
Interest on Working Capital				1 351,59	75,09
MARGIN ABOVE SPECIFIED COSTS				59 145,53	3 285,86

NOTES:

Interest Rate 11,75%
 Growing period of Crop (Months) 12

SENSITIVITY ANALYSIS					
YIELD (Tons/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 4 500,00	R 4 750,00	R 5 000,00	R 5 250,00	R 5 500,00
11,52	R 38 986	R 41 866	R 44 746	R 47 626	R 50 506
12,96	R 45 466	R 48 706	R 51 946	R 55 186	R 58 426
14,40	R 51 946	R 55 546	R 59 146	R 62 746	R 66 346
15,84	R 58 426	R 62 386	R 66 346	R 70 306	R 74 266
17,28	R 64 906	R 69 226	R 73 546	R 77 866	R 82 186
BREAKEVEN YIELD (Ton/Ha)	2,86	2,71	2,57	2,45	2,34

Costs Of Production	R/Ha
Fertiliser	3 318,21
Weed Control	145,85
Pest Control	142,46
Irrigation & Electricity	3 060,00
Fuel	3 344,86
Repairs & Maintenance	1 491,51
Interest	1 351,59

**Disclaimer**

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