

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 2025
Developer	Sinovuyo Magqibelo	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Clay/Clay-Loam		

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

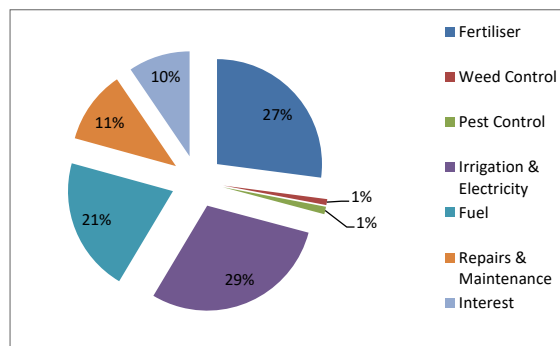
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			18,00	57 600,00	3 200,00
Product Income					
Lucerne -Sales (80%)	Ton	4 000,00	14,40	57 600,00	3 200,00
Lucerne - Feed (20%)	Ton	0,00	3,60	0,00	0,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		57 600,00	3 200,00
TOTAL ALLOCATABLE VARIABLE COSTS				12 029,74	668,32
DIRECTLY ALLOCATABLE VARIABLE COSTS				7 785,14	432,51
A) PRE-HARVEST COST					
FERTILISER				3 598,70	199,93
MAP (35)	Kg	39,99	90,00	3 598,70	199,93
HERBICIDES				121,50	6,75
Glyphosate	L	121,50	1,00	121,50	6,75
PESTICIDES/INSECTICIDES				154,02	8,56
Biomectin	L	154,02	1,00	154,02	8,56
IRRIGATION &ELECTRICITY				3 910,92	217,27
Electricity ¹	kWh	2,99	1 308,00	3 910,92	217,27
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				49 814,86	2 767,49
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 244,60	235,81
B) PRE-HARVEST COST					
Fuel	L	17,33		43,54	2,42
Repairs & Maintenance				131,88	7,33
C) HARVEST COSTS					
Fuel	L	17,33		2 709,55	150,53
Repairs & Maintenance				1 359,63	75,53
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				45 570,26	2 531,68
Interest on Working Capital				1 263,12	70,17
MARGIN ABOVE SPECIFIED COSTS				44 307,14	2 461,51

NOTES:

Interest Rate 10,50%
 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 3 600,00	R 3 800,00	R 4 000,00	R 4 200,00	R 4 400,00
11,52	R 28 179	R 30 483	R 32 787	R 35 091	R 37 395
12,96	R 33 363	R 35 955	R 38 547	R 41 139	R 43 731
14,40	R 38 547	R 41 427	R 44 307	R 47 187	R 50 067
15,84	R 43 731	R 46 899	R 50 067	R 53 235	R 56 403
17,28	R 48 915	R 52 371	R 55 827	R 59 283	R 62 739
BREAKEVEN YIELD (Ton/Ha)	3,69	3,50	3,32	3,16	3,02

Costs Of Production	R/Ha
Fertiliser	3 598,70
Weed Control	121,50
Pest Control	154,02
Irrigation & Electricity	3 910,92
Fuel	2 753,10
Repairs & Maintenance	1 491,51
Interest	1 263,12

**Disclaimer**

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