

ENTERPRISE BUDGET			
Classification	Pasture	Province	Western Cape
Enterprise Budget Name	Lucerne (Irrigated)- Yr 1	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			16,00	51 200,00	3 200,00
Product Income					
Lucerne -Sales (80%)	Ton	4 000,00	12,80	51 200,00	3 200,00
Lucerne - Feed (20%)	Ton	0,00	3,20	0,00	0,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		51 200,00	3 200,00
TOTAL ALLOCATABLE VARIABLE COSTS				72 108,96	4 506,81
DIRECTLY ALLOCATABLE VARIABLE COSTS				67 498,73	4 218,67
A) PRE-HARVEST COST					
PLANTING MATERIAL				6 339,38	396,21
Lucerne	Kg	301,88	21,00	6 339,38	396,21
FERTILISER				7 197,39	449,84
MAP (35)	Kg	39,99	180,00	7 197,39	449,84
HERBICIDES				243,01	15,19
Glyphosate	L	121,50	2,00	243,01	15,19
PESTICIDES/INSECTICIDES				308,03	19,25
Biomectin	L	154,02	2,00	308,03	19,25
IRRIGATION &ELECTRICITY				53 410,92	3 338,18
Irrigation system/Installation	Ha	49 500,00	1,00	49 500,00	3 093,75
Electricity ¹	kWh	2,99	1 308,00	3 910,92	244,43
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				-16 298,73	-1 018,67
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 610,24	288,14
B) PRE-HARVEST COST					
Fuel	L	17,33		316,07	19,75
Repairs & Maintenance				224,99	14,06
C) HARVEST COSTS					
Fuel	L	17,33		2 709,55	169,35
Repairs & Maintenance				1 359,63	84,98
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				-20 908,96	-1 306,81
Interest on Working Capital				7 571,44	473,22
MARGIN ABOVE SPECIFIED COSTS				-28 480,40	-1 780,03

NOTES:

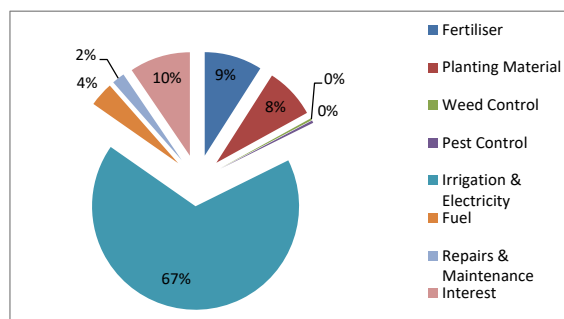
Interest Rate 10,50%

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
10,24	-R 42 816	-R 40 768	-R 38 720	-R 36 672	-R 34 624
11,52	-R 38 208	-R 35 904	-R 33 600	-R 31 296	-R 28 992
12,80	-R 33 600	-R 31 040	-R 28 480	-R 25 920	-R 23 360
14,08	-R 28 992	-R 26 176	-R 23 360	-R 20 544	-R 17 728
15,36	-R 24 384	-R 21 312	-R 18 240	-R 15 168	-R 12 096
BREAKEVEN YIELD (Ton/Ha)	22,13	20,97	19,92	18,97	18,11

Costs Of Production	R/Ha
Fertiliser	7 197,39
Planting Material	6 339,38
Weed Control	243,01
Pest Control	308,03
Irrigation & Electricity	53 410,92
Fuel	3 025,63
Repairs & Maintenance	1 584,61
Interest	7 571,44

**Disclaimer**

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