

ENTERPRISE BUDGET					
Classification	Pasture	Province	Western Cape		
Enterprise Budget Name	Lucerne Hay (Irrigated)- Yr 2	District	West Coast/Cape Winelands		
Land Size	1 Hectare	Area	Swartland/Drakenstein		
Date Developed	14 June 2021	Date Updated	17 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			12,00	40 800,00	3 400,00
Product Income					
Lucerne hay	Ton	3 400,00	12,00	40 800,00	3 400,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		40 800,00	3 400,00
TOTAL ALLOCATABLE VARIABLE COSTS				17 031,02	1 419,25
DIRECTLY ALLOCATABLE VARIABLE COSTS				8 338,93	694,91
A) PRE-HARVEST COST					
FERTILISER				3 598,70	299,89
MAP (35)	Kg	39,99	90,00	3 598,70	299,89
HERBICIDES				121,50	10,13
Glyphosate	L	121,50	1,00	121,50	10,13
PESTICIDES/INSECTICIDES				154,02	12,83
Biomectin	L	154,02	1,00	154,02	12,83
IRRIGATION & ELECTRICITY				3 910,92	325,91
Electricity¹	kWh	2,99	1 308,00	3 910,92	325,91
B)HARVEST COSTS					
PACKAGING MATERIAL				553,79	46,15
Trident Twine	Each	184,60	3,00	553,79	46,15
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				32 461,07	2 705,09
INDIRECTLY ALLOCATABLE VARIABLE COSTS				8 692,09	724,34
C) PRE-HARVEST COST					
Fuel	L	17,33		316,07	26,34
Repairs & Maintenance				224,99	18,75
D) HARVEST COSTS					
Fuel	L	17,33		4 743,22	395,27
Repairs & Maintenance				3 407,81	283,98
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				23 768,98	1 980,75
Interest on Working Capital				1 788,26	149,02
MARGIN ABOVE SPECIFIED COSTS				21 980,73	0,00

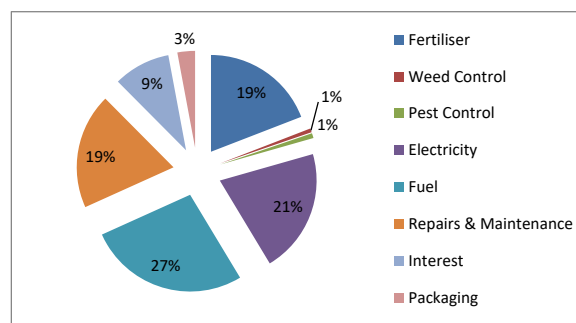
NOTES:

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 3 060,00	R 3 230,00	R 3 400,00	R 3 570,00	R 3 740,00
9,60	R 10 557	R 12 189	R 13 821	R 15 453	R 17 085
10,80	R 14 229	R 16 065	R 17 901	R 19 737	R 21 573
12,00	R 17 901	R 19 941	R 21 981	R 24 021	R 26 061
13,20	R 21 573	R 23 817	R 26 061	R 28 305	R 30 549
14,40	R 25 245	R 27 693	R 30 141	R 32 589	R 35 037
BREAKEVEN YIELD (Ton/Ha)	6,15	5,83	5,54	5,27	5,03

Costs Of Production	R/Ha
Fertiliser	3 598,70
Weed Control	121,50
Pest Control	154,02
Electricity	3 910,92
Fuel	5 059,29
Repairs & Maintenance	3 632,79
Interest	1 788,26
Packaging	553,79

**Disclaimer**

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