

ENTERPRISE BUDGET			
Classification	Pasture	Province	Western Cape
Enterprise Budget Name	Lucerne Hay (Irrigated)- Yr 5+	District	West Coast/Cape Winelands
Land Size	1 Hectare	Area	Swartland/Drakenstein
Date Developed	15 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.

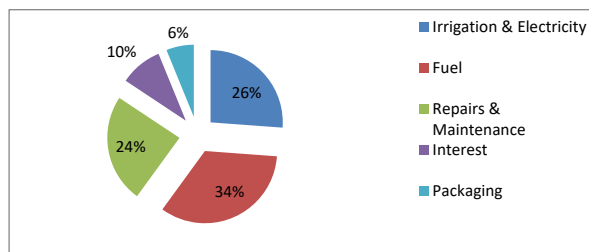
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			24,00	81 600,00	3 400,00
Product Income					
Lucerne hay	Ton	3 400,00	24,00	81 600,00	3 400,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		81 600,00	3 400,00
TOTAL ALLOCATABLE VARIABLE COSTS				13 710,60	571,27
DIRECTLY ALLOCATABLE VARIABLE COSTS				5 018,51	209,10
A) PRE-HARVEST COST					
IRRIGATION & ELECTRICITY				3 910,92	162,96
Electricity ¹	kWh	2,99	1 308,00	3 910,92	162,96
B) HARVEST COSTS					
PACKAGING MATERIAL				1 107,59	46,15
Trident Twine	Each	184,60	6,00	1 107,59	46,15
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				76 581,49	3 190,90
INDIRECTLY ALLOCATABLE VARIABLE COSTS				8 692,09	362,17
C) PRE-HARVEST COSTS					
Fuel	L	17,33		316,07	13,17
Repairs & Maintenance				224,99	9,37
D) HARVEST COSTS					
Fuel	L	17,33		4 743,22	197,63
Repairs & Maintenance				3 407,81	141,99
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				67 889,40	2 828,73
Interest on Working Capital				1 439,61	59,98
MARGIN ABOVE SPECIFIED COSTS				66 449,79	0,00

NOTES:

Interest Rate 10,50%
 Growing period of Crop (Months) 12

<u>SENSITIVITY ANALYSIS</u>					
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
19,20	R 43 602	R 46 866	R 50 130	R 53 394	R 56 658
21,60	R 50 946	R 54 618	R 58 290	R 61 962	R 65 634
24,00	R 58 290	R 62 370	R 66 450	R 70 530	R 74 610
26,40	R 65 634	R 70 122	R 74 610	R 79 098	R 83 586
28,80	R 72 978	R 77 874	R 82 770	R 87 666	R 92 562
BREAKEVEN YIELD (Ton/Ha)	4,95	4,69	4,46	4,24	4,05

Costs Of Production	R/Ha
Irrigation & Electricity	3 910,92
Fuel	5 059,29
Repairs & Maintenance	3 632,79
Interest	1 439,61
Packaging	1 107,59

**Disclaimer**

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