

ENTERPRISE BUDGET					
Classification	Pasture	Province	Western Cape		
Enterprise Budget Name	Lucerne Hay (Irrigated)- Yr 3	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			16,00	54 400,00	3 400,00
Product Income					
Lucerne hay	Ton	3 400,00	16,00	54 400,00	3 400,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		54 400,00	3 400,00
TOTAL ALLOCATABLE VARIABLE COSTS				13 156,80	822,30
DIRECTLY ALLOCATABLE VARIABLE COSTS				4 464,71	279,04
A) PRE-HARVEST COST					
IRRIGATION & ELECTRICITY				3 910,92	244,43
Electricity ¹	kWh	2,99	1 308,00	3 910,92	244,43
B) HARVEST COSTS					
PACKAGING MATERIAL				553,79	34,61
Trident Twine	Each	184,60	3,00	553,79	34,61
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				49 935,29	3 120,96
INDIRECTLY ALLOCATABLE VARIABLE COSTS				8 692,09	543,26
C) PRE-HARVEST COSTS					
Fuel	L	17,33		316,07	19,75
Repairs & Maintenance				224,99	14,06
D) HARVEST COSTS					
Fuel	L	17,33		4 743,22	296,45
Repairs & Maintenance				3 407,81	212,99
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				41 243,20	2 577,70
Interest on Working Capital				1 381,46	86,34
MARGIN ABOVE SPECIFIED COSTS				39 861,73	0,00

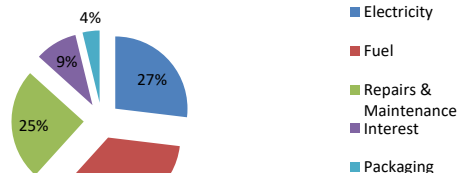
NOTES:

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
12,80	R 24 630	R 26 806	R 28 982	R 31 158	R 33 334
14,40	R 29 526	R 31 974	R 34 422	R 36 870	R 39 318
16,00	R 34 422	R 37 142	R 39 862	R 42 582	R 45 302
17,60	R 39 318	R 42 310	R 45 302	R 48 294	R 51 286
19,20	R 44 214	R 47 478	R 50 742	R 54 006	R 57 270
BREAKEVEN YIELD (Ton/Ha)	4,75	4,50	4,28	4,07	3,89

Costs Of Production	R/Ha
Electricity	3 910,92
Fuel	5 059,29
Repairs & Maintenance	3 632,79
Interest	1 381,46
Packaging	553,79

**Disclaimer**

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