



ENTERPRISE BUDGET					
Classification	Pasture	Province	Western Cape		
Enterprise Budget Name	Lucerne Hay (Irrigated)- Yr 4	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			20,00	68 000,00	3 400,00
Product Income					
Lucerne hay	Ton	3 400,00	20,00	68 000,00	3 400,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		68 000,00	3 400,00
TOTAL ALLOCATABLE VARIABLE COSTS				13 526,00	676,30
DIRECTLY ALLOCATABLE VARIABLE COSTS				4 833,91	241,70
A) PRE-HARVEST COST					
IRRIGATION &ELECTRICITY				3 910,92	195,55
Electricity ¹	kWh	2,99	1 308,00	3 910,92	195,55
B) HARVEST COSTS					
PACKAGING MATERIAL				922,99	46,15
Trident Twine	Each	184,60	5,00	922,99	46,15
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				63 166,09	3 158,30
INDIRECTLY ALLOCATABLE VARIABLE COSTS				8 692,09	434,60
C) PRE-HARVEST COSTS					
Fuel	L	17,33		316,07	15,80
Repairs & Maintenance				224,99	11,25
D) HARVEST COSTS					
Fuel	L	17,33		4 743,22	237,16
Repairs & Maintenance				3 407,81	170,39
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				54 474,00	2 723,70
Interest on Working Capital				1 420,23	71,01
MARGIN ABOVE SPECIFIED COSTS				53 053,77	0,00

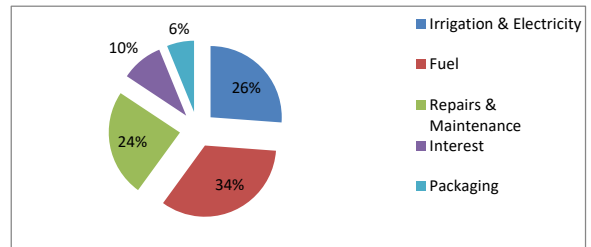
NOTES:

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
16,00	R 34 014	R 36 734	R 39 454	R 42 174	R 44 894
18,00	R 40 134	R 43 194	R 46 254	R 49 314	R 52 374
20,00	R 46 254	R 49 654	R 53 054	R 56 454	R 59 854
22,00	R 52 374	R 56 114	R 59 854	R 63 594	R 67 334
24,00	R 58 494	R 62 574	R 66 654	R 70 734	R 74 814
BREAKEVEN YIELD (Ton/Ha)	4,88	4,63	4,40	4,19	4,00

Costs Of Production	R/Ha
Irrigation & Electricity	3 910,92
Fuel	5 059,29
Repairs & Maintenance	3 632,79
Interest	1 420,23
Packaging	922,99

**Disclaimer**

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