

ENTERPRISE BUDGET

Classification	Agronomy	Province	Western Cape
Enterprise Budget Name	Hops (YR 2)	District	Garden Route
Land Size	1 Hectare	Area	George
Date Developed	15 June 2021	Latest update	19 June 2025
Developer	O'Brien Perel	Updater	O'Brien Perel
Soil Type	Sandy-Clay		

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			1,90	279 509,00	147 110,00
Product Income					
Hops	Ton	147 110,00	1,90	279 509,00	147 110,00
MARKETING COSTS Market					
GROSS INCOME minus MARKETING COSTS				279 509,00	147 110,00
TOTAL ALLOCATABLE VARIABLE COSTS				119 725,52	63 013,43
DIRECTLY ALLOCATABLE VARIABLE COSTS				116 948,30	61 551,74
A) PRE-HARVEST COST					
PLANTING MATERIAL				29 435,40	15 492,32
Hops	Plant	13,80	2 133,00	29 435,40	15 492,32
FERTILISER				18 031,32	9 490,17
1:0:0 (40)	Ton	12 650,69	0,50	6 325,35	3 329,13
Potassium Sulphate	Ton	19 696,05	0,22	4 333,13	2 280,60
Lime Ammonium Nitrate (28)	Ton	9 252,21	0,63	5 801,14	3 053,23
Dolomitic Lime	Ton	972,76	0,80	778,21	409,58
Gypsum Std Grade 66%	Ton	793,50	1,00	793,50	417,63
HERBICIDES				1 277,73	672,49
Paraquat	L	71,88	8,20	589,38	310,20
Glyphosate	L	106,95	3,20	342,24	180,13
Haloxypop-r-methyl	L	564,39	0,40	225,76	118,82
Simazine 500 SC	L	174,43	0,69	120,36	63,35
FUNGICIDES				5 744,25	3 023,29
Benomyl	Kg	382,95	15,00	5 744,25	3 023,29
CASUAL LABOUR				19 116,56	10 061,35
Casual Labour Tree training/Hour	R/Manhour	28,79	381,00	10 968,99	5 773,15
Casual labour shovelling/Hour	R/Manhour	28,79	162,00	4 663,98	2 454,73
Casual labour stringing/Hour	R/Manhour	28,79	121,00	3 483,59	1 833,47
IRRIGATION & ELECRCITY				15 571,92	8 195,75
Electricity ¹	kWh	2,99	5 208,00	15 571,92	8 195,75
B) HARVEST COST				27 771,12	14 616,38
Casual Labour Harvesting/Hour	R/Manhour	28,79	964,61	27 771,12	14 616,38
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				162 560,70	85 558,26

INDIRECTLY ALLOCATABLE VARIABLE COSTS**2 777,21****1 461,69****B) PRE-HARVEST COST**

Fuel	L	18,78	1 322,39	696,00
Repairs & Maintenance			554,99	292,10

C) HARVEST COSTS

Fuel	L	18,78	503,36	264,93
Repairs & Maintenance			396,47	208,67

GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS**159 783,48****84 096,57**

Interest on Working Capital

12 870,49

6 773,94

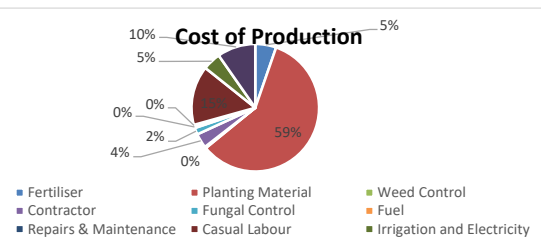
MARGIN ABOVE SPECIFIED COSTS**146 912,99****77 322,63****NOTES:**

Interest Rate	10,75%
Growing period of Crop (Months)	12
Tree replacement %	16

SENSITIVITY ANALYSIS

YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 132 399,00	R 139 754,50	R 147 110,00	R 154 465,50	R 161 821,00
1,52	R 68 650	R 79 831	R 91 011	R 102 192	R 113 372
1,71	R 93 806	R 106 384	R 118 962	R 131 540	R 144 118
1,90	R 118 962	R 132 938	R 146 913	R 160 888	R 174 864
2,09	R 144 118	R 159 491	R 174 864	R 190 237	R 205 610
2,28	R 169 274	R 186 044	R 202 815	R 219 585	R 236 356
BREAKEVEN YIELD (Ton/Ha)	1,00	0,95	0,90	0,86	0,82

Costs Of Production	R/Ha
Fertiliser	18 031,32
Planting Material	29 435,40
Weed Control	1 277,73
Fungal Control	5 744,25
Fuel	1 825,76
Repairs & Maintenance	951,46
Casual Labour	46 887,68
Irrigation and Electricity	15 571,92
Interest	12 870,49

**Disclaimer**

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