

ENTERPRISE BUDGET					
Classification	Agronomy	Province	Western Cape		
Enterprise Budget Name	Hops (Establishment)	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			1,75	257 442,50	147 110,00
Product Income					
Hops	Ton	147 110,00	1,75	257 442,50	147 110,00
MARKETING COSTS Market					
GROSS INCOME minus MARKETING COSTS				257 442,50	147 110,00
TOTAL ALLOCATABLE VARIABLE COSTS				307 204,30	175 545,31
DIRECTLY ALLOCATABLE VARIABLE COSTS				304 427,09	173 958,33
A) PRE-HARVEST COST					
PLANTING MATERIAL				200 100,00	114 342,86
Hops	Plant	13,80	14 500,00	200 100,00	114 342,86
FERTILISER				18 031,32	10 303,61
1:0:0 (40)	Ton	12 650,69	0,50	6 325,35	3 614,48
Potassium Sulphate	Ton	19 696,05	0,22	4 333,13	2 476,07
Lime Ammonium Nitrate (28)	Ton	9 252,21	0,63	5 801,14	3 314,93
Dolomitic Lime	Ton	972,76	0,80	778,21	444,69
Gypsum Std Grade 66%	Ton	793,50	1,00	793,50	453,43
HERBICIDES				1 277,73	730,13
Paraquat	L	71,88	8,20	589,38	336,79
Glyphosate	L	106,95	3,20	342,24	195,57
Haloxypop-r-methyl	L	564,39	0,40	225,76	129,00
Simazine 500 SC	L	174,43	0,69	120,36	68,78
FUNGICIDES				5 744,25	3 282,43
Benomyl	Kg	382,95	15,00	5 744,25	3 282,43
CASUAL LABOUR				25 623,10	14 641,77
Casual Labour Tree training/Hour	R/Manhour	28,79	381,00	10 968,99	6 267,99
Casual labour shovelling/Hour	R/Manhour	28,79	344,00	9 903,76	5 659,29
Casual labour stringing/Hour	R/Manhour	28,79	165,00	4 750,35	2 714,49
IRRIGATION & ELECRICITY				15 571,92	8 898,24
Electricity¹	kWh	2,99	5 208,00	15 571,92	8 898,24
CONTRACTOR				12 500,00	7 142,86
Soil preparation	R/Ha	12 500,00	1,00	12 500,00	7 142,86
B) HARVEST COST				25 578,76	14 616,44
Casual Labour Harvesting/Hour	R/Manhour	28,79	888,46	25 578,76	14 616,44
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				-46 984,59	-26 848,33

INDIRECTLY ALLOCATABLE VARIABLE COSTS**2 777,21 1 586,98****B) PRE-HARVEST COST**

Fuel	L	18,78	1 322,39	755,65
Repairs & Maintenance			554,99	317,14

C) HARVEST COSTS

Fuel	L	18,78	503,36	287,64
Repairs & Maintenance			396,47	226,55

GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS**-49 761,80 -28 435,31**

Interest on Working Capital

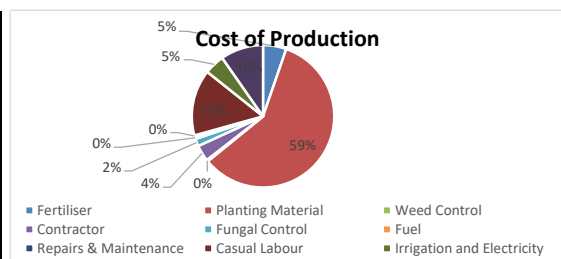
33 024,46 18 871,12

MARGIN ABOVE SPECIFIED COSTS**-82 786,26 -47 306,44****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
1,40	-R 154 870	-R 144 572	-R 134 275	-R 123 977	-R 113 679
1,58	-R 131 700	-R 120 115	-R 108 531	-R 96 946	-R 85 361
1,75	-R 108 531	-R 95 658	-R 82 786	-R 69 914	-R 57 042
1,93	-R 85 361	-R 71 201	-R 57 042	-R 42 883	-R 28 723
2,10	-R 62 191	-R 46 744	-R 31 298	-R 15 851	-R 405
BREAKEVEN YIELD (Ton/Ha)	2,57	2,43	2,31	2,20	2,10

Costs Of Production	R/Ha
Fertiliser	18 031,32
Planting Material	200 100,00
Weed Control	1 277,73
Contractor	12 500,00
Fungal Control	5 744,25
Fuel	1 825,76
Repairs & Maintenance	951,46
Casual Labour	51 201,86
Irrigation and Electricity	15 571,92
Interest	33 024,46

**Disclaimer**

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