

ENTERPRISE BUDGET			
Classification	Vegetables	Province	Western Cape
Enterprise Budget Name	Herbs (Mint)	District	Western Cape
Tunnel Size (m²)	300	Area	Western Cape
Date Developed	27 March 2017	Latest update	31 August 2021
Developer	Mzwanele Lingani	Updater	Nontembeko Mbusi
Growing medium	Cocopeat		

Use this enterprise budget as an aid in the planning process.

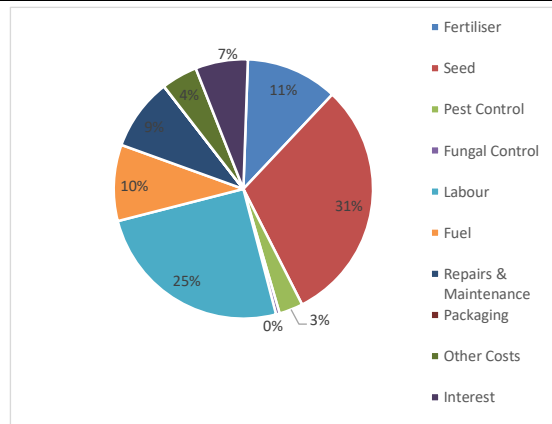
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			2,90	232 000,00	80 000,00
Product Income					
Mint	Ton	80 000,00	2,90	232 000,00	80 000,00
MARKETING COSTS					
				29 000,00	10 000,00
GROSS INCOME minus MARKETING COSTS				203 000,00	70 000,00
TOTAL ALLOCATABLE VARIABLE COSTS				72 777,99	25 095,86
DIRECTLY ALLOCATABLE VARIABLE COSTS				58 371,11	20 127,97
A) PRE-HARVEST COSTS					
PLANTING MATERIAL					
Mint	Kg	0,00	0,10	0,00	0,00
Cocopeat (Growing medium)	Kg	19,00	1 250,00	23 750,00	8 189,66
FERTILISER					
Potassium Nitrate	Ton	3 082,00	0,30	924,60	318,83
Calcium Nitrate	Ton	4 600,00	0,40	1 840,00	634,48
Magnesium Sulphate	Ton	15 143,20	0,35	5 300,12	1 827,63
Mono Potassium Phosphate	Ton	6 900,00	0,13	862,50	297,41
INSECTICIDES/PESTICIDES					
Mineral Oil 857g/l (Cipron)	L	152,95	2,00	305,90	105,48
Bacillus thuringiensis	Kg	1 148,51	0,30	344,55	118,81
Adjuvant	L	94,59	4,00	378,35	130,47
Methomyl	L	126,39	0,80	101,11	34,86
Flubendiamide	L	2 964,38	0,30	889,31	306,66
Abamectin	L	147,89	2,00	295,78	101,99
FUNGICIDES					
Captab	Kg	176,03	2,00	352,06	121,40
CASUAL LABOUR					
Casual Labour Planting/Hour	R/Manhour	21,69	28,00	607,32	209,42
OTHER COSTS					
Electricity	R	3 500,00	1,00	3 500,00	1 206,90
B) HARVEST COSTS					
CASUAL LABOUR					
Casual Labour Harvesting/Hour	R/Manhour	21,69	656,00	14 228,64	4 906,43
Casual Labour Packaging/Hour	R/Manhour	21,69	216,00	4 685,04	1 615,53
PACKAGING MATERIAL					
Plastic bags (5Kg)	Bag	0,05	0,58	0,03	0,01
Labeling	Label	10,00	0,58	5,80	2,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				144 628,89	49 872,03

INDIRECTLY ALLOCATABLE VARIABLE COSTS			14 406,88	4 967,89
C) PRE-HARVEST COST				
Fuel	L	14,06	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS				
Fuel	L	14,06	7 402,59	2 552,62
Repairs & Maintenance			7 004,29	2 415,27
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			130 222,01	44 904,14
Interest on Working Capital			5 094,46	1 756,71
MARGIN ABOVE SPECIFIED COSTS			125 127,55	43 147,43

NOTES:	
Interest Rate	7,00%
Growing period of Crop (Months)	12

SENSITIVITY ANALYSIS					
YIELD (Kg/ha)	PRICE (R/kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 72 000	R 76 000	R 80 000	R 84 000	R 88 000
2	R 60 168	R 69 448	R 78 728	R 88 008	R 97 288
3	R 81 048	R 91 488	R 101 928	R 112 368	R 122 808
3	R 101 928	R 113 528	R 125 128	R 136 728	R 148 328
3	R 122 808	R 135 568	R 148 328	R 161 088	R 173 848
3	R 143 688	R 157 608	R 171 528	R 185 448	R 199 368
BREAKEVEN YIELD (Kg/ha)	1,48	1,41	1,34	1,27	1,21

Costs Of Production	R/Ha
Fertiliser	8 927,22
Seed	23 750,00
Pest Control	2 315,00
Fungal Control	352,06
Labour	19 521,00
Fuel	7 402,59
Repairs & Maintenance	7 004,29
Packaging	5,83
Other Costs	3 500,00
Interest	5 094,46



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