

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	17 September 2020
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	215 791,90	74 411,00
Product Income					
Mint	Ton	74 411,00	2,90	215 791,90	74 411,00
MARKETING COSTS	12,5%			26 973,99	9 301,38
GROSS INCOME minus MARKETING COSTS				188 817,91	65 109,63
TOTAL ALLOCATABLE VARIABLE COSTS				74 028,77	25 527,16
DIRECTLY ALLOCATABLE VARIABLE COSTS				59 624,38	20 560,13
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	18 297,42	0,30	5 489,23	1 892,84
Calcium Nitrate	Ton	6 132,18	0,40	2 452,87	845,82
Magnesium Sulphate	Ton	4 543,46	0,35	1 590,21	548,35
Mono Potassium Phosphate	Ton	29 348,00	0,13	3 668,50	1 265,00
INSECTICIDES/PESTICIDES					
Mineral Oil 857g/l (Cipron)	L	25,00	2,00	50,00	17,24
Bacillus thuringiensis	Kg	1 144,14	0,30	343,24	118,36
Adjuvant	L	88,01	4,00	352,04	121,39
Methomyl	L	96,81	0,80	77,45	26,71
Flubendiamide	L	2 950,58	0,30	885,17	305,23
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	18,68	28,00	523,04	180,36
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	18,68	656,00	12 254,08	4 225,54
Casual Labour Packaging/Hour	R/Manhour	18,68	216,00	4 034,88	1 391,34
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				129 193,53	44 549,49

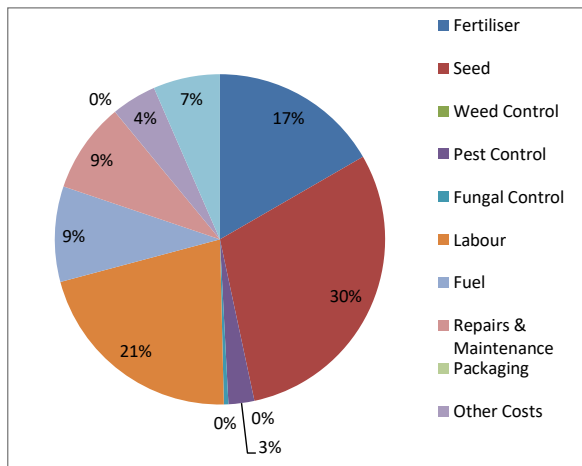
INDIRECTLY ALLOCATABLE VARIABLE COSTS			14 404,39	4 967,03
C) PRE-HARVEST COST				
Fuel	L	12,40	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS				
Fuel	L	12,40	7 400,10	2 551,76
Repairs & Maintenance			7 004,29	2 415,27
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			114 789,14	39 582,46
Interest on Working Capital			5 182,01	1 786,90
MARGIN ABOVE SPECIFIED COSTS			109 607,13	37 795,56

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 66 970	R 70 690	R 74 411	R 78 132	R 81 852
2	R 49 185	R 57 817	R 66 449	R 75 080	R 83 712
3	R 68 607	R 78 317	R 88 028	R 97 739	R 107 449
3	R 88 028	R 98 818	R 109 607	R 120 397	R 131 186
3	R 107 449	R 119 318	R 131 186	R 143 055	R 154 923
3	R 126 870	R 139 818	R 152 766	R 165 713	R 178 661
BREAKEVEN YIELD (Kg/ha)	1,59	1,50	1,43	1,36	1,30

Costs Of Production	R/Ha
Fertiliser	13 200,81
Seed	23 750,00
Weed Control	0,00
Pest Control	2 003,68
Fungal Control	352,06
Labour	16 812,00
Fuel	7 400,10
Repairs & Maintenance	7 004,29
Packaging	5,83
Other Costs	3 500,00
Interest	5 182,01



Disclaimer

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