

ENTERPRISE BUDGET

Classification	Vegetable	Province	Western Cape
Enterprise Budget Name	Spinach	District	Cape Metropole
Land Size	1 Hectare	Area	Kuilsriver/Kraaifontein
Date Developed	31 May 2015	Latest update	15 September 2023
Developer	Peliwe Mgudlwa	Updater	Nontembeko Mbusi
Soil Type	Sandy		

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

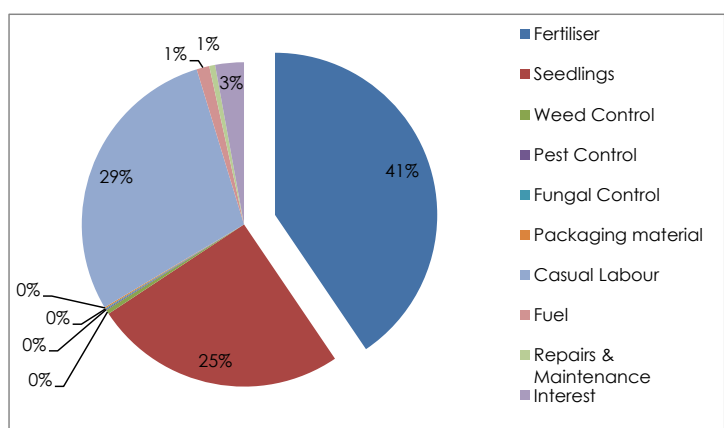
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			35,00	413 564,55	11 816,13
Product Income					
Spinach	Ton	11 816,13	35,00	413 564,55	11 816,13
MARKETING COSTS Market	12,5%			51 695,57	1 477,02
GROSS INCOME minus MARKETING COSTS				361 868,98	10 339,11
TOTAL ALLOCATABLE VARIABLE COSTS				172 950,11	4 941,43
DIRECTLY ALLOCATABLE VARIABLE COSTS				169 642,48	4 846,93
A) PRE-HARVEST COST					
PLANTING MATERIAL				44 850,00	1 281,43
Spinach Seedlings	Seedlings	0,75	60 000,00	44 850,00	1 281,43
FERTILISER				72 142,58	2 061,22
3:1:5 (38)	Ton	22 545,52	1,50	33 818,28	966,24
Lime Ammonium Nitrate (28)	Ton	14 822,58	1,93	28 607,58	817,36
Turbo-31 10:1:5	Ton	12 834,20	0,39	5 056,67	144,48
Potassium (K)	Ton	11 827,52	0,39	4 660,04	133,14
HERBICIDES				746,73	21,34
Paraquat 200SL	L	103,63	5,00	518,13	14,80
Diquat 80/Paraquat 120 SL	L	228,60	1,00	228,60	6,53
PESTICIDES/INSECTICIDES				179,41	5,13
Mevinphos 500 SL	L	914,39	0,15	137,16	3,92
Deltamethrin 25 EC	L	175,26	0,08	14,02	0,40
Buffer / alkylated phenol-ethylene oxide	L	47,05	0,60	28,23	0,81
FUNGICIDES				178,30	5,09
Tebuconazole 250 EW	L	713,22	0,25	178,30	5,09
CASUAL LABOUR				2 491,16	71,18
Casual Labour Planting/Hour	R/Manhour	25,42	96,00	2 440,32	69,72
Casual Labour Fertiliser Spread/Hour	R/Manhour	25,42	2,00	50,84	1,45
IRRIGATION & ELECRCITY					0,00
B) HARVEST COSTS				48 830,80	1 395,17
Casual Labour Harvesting/Day	R/Manday	228,78	213,44	48 830,80	1 395,17
PACKAGING MATERIAL				223,50	6,39
String	Kg	44,70	5	223,50	6,39
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				192 226,50	5 492,19

INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 307,63	94,50
C) PRE-HARVEST COST				
Fuel	L	21,03	1 902,99	54,37
Repairs & Maintenance			703,54	20,10
D) HARVEST COSTS				
Fuel	L	21,03	359,06	10,26
Repairs & Maintenance			342,04	9,77
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			188 918,88	5 397,68
Interest on Working Capital			5 080,41	145,15
MARGIN ABOVE SPECIFIED COSTS			183 838,47	5 252,53

NOTES:	
Interest Rate	11,75%
Growing period of Crop (Months)	3

SENSITIVITY ANALYSIS					
YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 10 634,52	R 11 225,32	R 11 816,13	R 12 406,94	R 12 997,74
28	R 68 040	R 84 583	R 101 126	R 117 668	R 134 211
32	R 105 261	R 123 872	R 142 482	R 161 092	R 179 703
35	R 142 482	R 163 160	R 183 838	R 204 517	R 225 195
39	R 179 703	R 202 449	R 225 195	R 247 941	R 270 687
42	R 216 924	R 241 738	R 266 551	R 291 365	R 316 179
BREAKEVEN YIELD (Ton/ha)	22	20	19	19	18

Costs Of Production	R/Ha
Fertiliser	72 142,58
Seedlings	44 850,00
Weed Control	746,73
Pest Control	179,41
Fungal Control	178,30
Packaging material	223,50
Casual Labour	51 321,96
Fuel	2 262,05
Repairs & Maintenance	1 045,58
Interest	5 080,41



Disclaimer

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