

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	19 August 2022
Developer	Peliwe Mgodlwa	Updater	Ziyanda Mtshiselwa
Soil Type	Sandy		

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

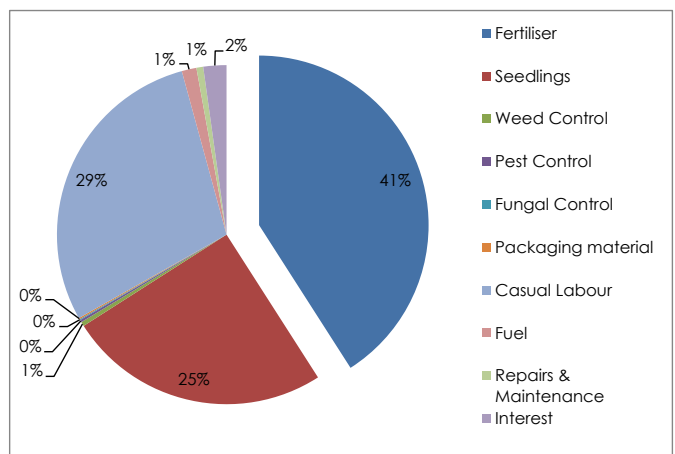
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			35,00	471 274,65	13 464,99
Product Income					
Spinach	Ton	13 464,99	35,00	471 274,65	13 464,99
MARKETING COSTS Market	12,5%			58 909,33	1 683,12
GROSS INCOME minus MARKETING COSTS				412 365,32	11 781,87
TOTAL ALLOCATABLE VARIABLE COSTS				158 266,82	4 521,91
DIRECTLY ALLOCATABLE VARIABLE COSTS				154 948,21	4 427,09
A) PRE-HARVEST COST					
PLANTING MATERIAL				40 500,00	1 157,14
Spinach Seedlings	Seedlings	0,68	60 000,00	40 500,00	1 157,14
FERTILISER				66 235,13	1 892,43
3:1:5 (38)	Ton	16 660,05	1,50	24 990,08	714,00
Lime Ammonium Nitrate (28)	Ton	13 599,90	1,93	26 247,81	749,94
Turbo-31 10:1:5	Ton	16 122,08	0,39	6 352,10	181,49
Potassium (K)	Ton	21 942,00	0,39	8 645,15	247,00
HERBICIDES				668,96	19,11
Paraquat 200SL	L	105,17	5,00	525,84	15,02
Diquat 80/Paraquat 120 SL	L	143,12	1,00	143,12	4,09
PESTICIDES/INSECTICIDES				361,36	10,32
Mevinphos 500 SL	L	1 623,15	0,15	243,47	6,96
Deltamethrin 25 EC	L	198,11	0,08	15,85	0,45
Buffer / alkylated phenol-ethylene oxide	L	170,06	0,60	102,04	2,92
FUNGICIDES				148,59	4,25
Tebuconazole 250 EW	L	594,36	0,25	148,59	4,25
CASUAL LABOUR				2 272,62	64,93
Casual Labour Planting/Hour	R/Manhour	23,19	96,00	2 226,24	63,61
Casual Labour Fertiliser Spread/Hour	R/Manhour	23,19	2,00	46,38	1,33
IRRIGATION & ELECRCITY					0,00
B) HARVEST COSTS				44 547,06	1 272,77
Casual Labour Harvesting/Day	R/Manday	208,71	213,44	44 547,06	1 272,77
PACKAGING MATERIAL				214,50	6,13
String	Kg	42,90	5	214,50	6,13
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				257 417,10	7 354,77

INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 318,61	94,82
C) PRE-HARVEST COST				
Fuel	L	21,14	1 912,23	54,64
Repairs & Maintenance			703,54	20,10
D) HARVEST COSTS				
Fuel	L	21,14	360,80	10,31
Repairs & Maintenance			342,04	9,77
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			254 098,50	7 259,96
Interest on Working Capital			3 561,00	101,74
MARGIN ABOVE SPECIFIED COSTS			250 537,49	7 158,21

NOTES:		
Interest Rate		9,00%
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 12 118,49	R 12 791,74	R 13 464,99	R 14 138,24	R 14 811,49
28	R 118 581	R 137 432	R 156 283	R 175 134	R 193 985
32	R 160 995	R 182 203	R 203 410	R 224 617	R 245 825
35	R 203 410	R 226 974	R 250 537	R 274 101	R 297 665
39	R 245 825	R 271 745	R 297 665	R 323 585	R 349 505
42	R 288 239	R 316 516	R 344 792	R 373 069	R 401 345
BREAKEVEN YIELD (Ton/ha)	18	17	16	16	15

Costs Of Production	R/Ha
Fertiliser	66 235,13
Seedlings	40 500,00
Weed Control	668,96
Pest Control	361,36
Fungal Control	148,59
Packaging material	214,50
Casual Labour	46 819,68
Fuel	2 273,03
Repairs & Maintenance	1 045,58
Interest	3 561,00



Disclaimer

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