

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	26 August 2025
Developer	Peliwe Mgudlwa	Updater	Nkhanedzeni Nedzungani
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	579 447,40	16 555,64
Product Income					
Spinach	Ton	16 555,64	35,00	579 447,40	16 555,64
MARKETING COSTS Market	12,5%			72 430,93	2 069,46
GROSS INCOME minus MARKETING COSTS				507 016,48	14 486,19
TOTAL ALLOCATABLE VARIABLE COSTS				167 412,66	4 783,22
DIRECTLY ALLOCATABLE VARIABLE COSTS				164 352,08	4 695,77
A) PRE-HARVEST COST					
PLANTING MATERIAL				50 370,00	1 439,14
Spinach Seedlings	Seedlings	0,84	60 000,00	50 370,00	1 439,14
FERTILISER				53 612,63	1 531,79
3:1:5 (38)	Ton	14 018,50	1,50	21 027,75	600,79
Lime Ammonium Nitrate (28)	Ton	9 252,21	1,93	17 856,77	510,19
Turbo-31 10:1:5	Kg	11,31	390,00	4 411,89	126,05
Potassium (K)	Kg	26,45	390,00	10 316,22	294,75
HERBICIDES				876,74	25,05
Paraquat 200SL	L	128,35	5,00	641,74	18,34
Diquat 80/Paraquat 120 SL	L	235,00	1,00	235,00	6,71
PESTICIDES/INSECTICIDES				706,19	20,18
Mevinphos 500 SL	L	662,28	0,90	596,05	17,03
Deltamethrin 25 EC	L	231,04	0,35	80,86	2,31
Buffer / alkylated phenol-ethylene oxide	L	48,79	0,60	29,28	0,84
FUNGICIDES				410,72	11,73
Tebuconazole 250 EW	L	547,62	0,75	410,72	11,73
CASUAL LABOUR				2 821,42	80,61
Casual Labour Planting/Hour	R/Manhour	28,79	96,00	2 763,84	78,97
Casual Labour Fertiliser Spread/Hour	R/Manhour	28,79	2,00	57,58	1,65
IRRIGATION & ELECRICITY					0,00
B) HARVEST COSTS				55 304,44	1 580,13
Casual Labour Harvesting/Day	R/Manday	259,11	213,44	55 304,44	1 580,13
PACKAGING MATERIAL				249,95	7,14
String	Kg	49,99	5	249,95	7,14
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				342 664,39	9 790,41

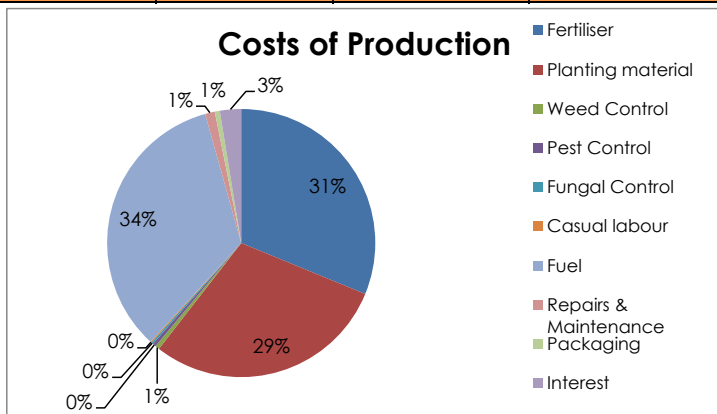
INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 060,58	87,45
C) PRE-HARVEST COST				
Fuel	L	18,74	1 695,15	48,43
Repairs & Maintenance			703,54	20,10
D) HARVEST COSTS				
Fuel	L	18,74	319,85	9,14
Repairs & Maintenance			342,04	9,77
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			339 603,81	9 702,97
Interest on Working Capital			4 394,58	125,56
MARGIN ABOVE SPECIFIED COSTS			335 209,23	9 577,41

NOTES:

Interest Rate	10,50%
Growing period of Crop (Months)	3
Prices are VAT included	

SENSITIVITY ANALYSIS					
YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 14 900,08	R 15 727,86	R 16 555,64	R 17 383,42	R 18 211,20
28	R 172 964	R 196 142	R 219 320	R 242 498	R 265 676
32	R 225 114	R 251 189	R 277 264	R 303 340	R 329 415
35	R 277 264	R 306 237	R 335 209	R 364 182	R 393 154
39	R 329 415	R 361 284	R 393 154	R 425 024	R 456 893
42	R 381 565	R 416 332	R 451 099	R 485 866	R 520 632
BREAKEVEN YIELD (Ton/ha)	16	16	15	14	13

Costs Of Production	R/Ha
Fertiliser	53 612,63
Seedlings	50 370,00
Weed Control	876,74
Pest Control	706,19
Fungal Control	410,72
Packaging material	249,95
Casual Labour	58 125,86
Fuel	2 015,00
Repairs & Maintenance	1 045,58
Interest	4 394,58



Disclaimer

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