



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	05 September 2019
Soil Type	Sandy	Budget ID	PeliweM/SinovuyoM

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			35 000,00	465 850,00	13,31
Product Income					
Spinach	Kg	13,31	35 000,00	465 850,00	13,31
MARKETING COSTS Market	12,5%			58 231,25	1,66
GROSS INCOME minus MARKETING COSTS				407 618,75	11,65
TOTAL ALLOCATABLE VARIABLE COSTS				99 763,80	2,85
DIRECTLY ALLOCATABLE VARIABLE COSTS				97 169,36	2,78
A) PRE-HARVEST COST					
PLANTING MATERIAL					
Spinach Seedlings	Each	0,46	60 000,00	27 600,00	0,79
FERTILISER					
3:1:5 (38)	Ton	7 327,11	1,50	10 990,67	0,31
Lime Ammonium Nitrate (28)	Ton	5 689,64	1,93	10 981,00	0,31
Turbo-31 10:1:5	Ton	6 135,25	0,39	2 417,29	0,07
Potassium (K)	Kg	15,50	394,00	6 107,79	0,17
HERBICIDES					
Paraquat 200SL	L	117,35	5,00	586,73	0,02
Diquat 80/Paraquat 120 SL	L	107,30	1,00	107,30	0,00
PESTICIDES/INSECTICIDES					
Mevinphos 500 SL	L	1 010,85	0,15	151,63	0,00
Deltamethrin 25 EC	L	121,74	0,08	9,74	0,00
Buffer / alkylated phenol-ethylene oxide	L	30,71	0,60	18,42	0,00
FUNGICIDES					
Tebuconazole 250 EW	L	430,10	0,25	107,53	0,00
CASUAL LABOUR					
Casual Labour Planting/H	Manhour	18,00	96,00	1 728,00	0,05
Casual Labour Fertiliser Spread/H	Manhour	18,00	2,00	36,00	0,00
IRRIGATION & ELECRICITY					0,00
B) HARVEST COSTS					
Casual Labour Harvesting/D	Manday	162,00	213,44	34 577,28	0,99
PACKAGING MATERIAL					
String	Each	0,05	35000	1 750,00	0,05
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				310 449,39	8,87

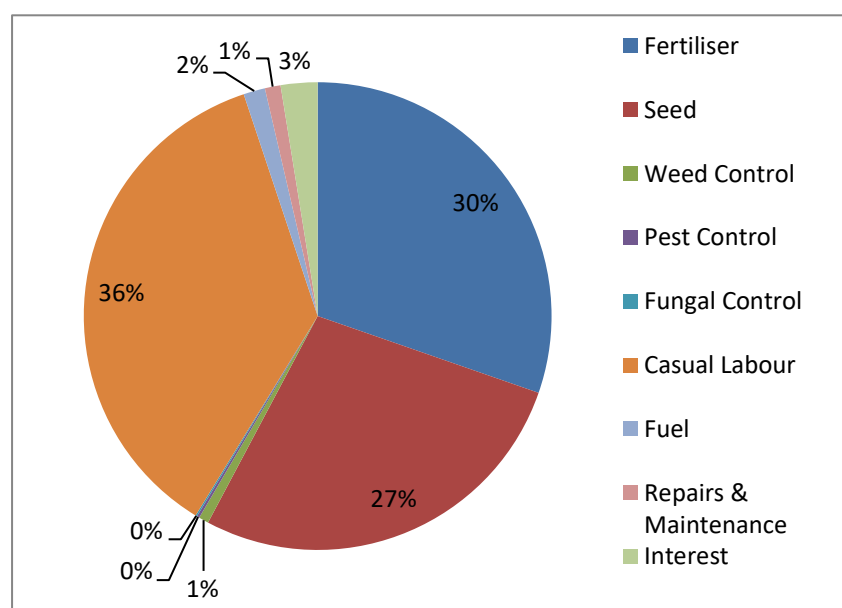
INDIRECTLY ALLOCATABLE VARIABLE COSTS			2 594,44	0,07
C) PRE-HARVEST COST				
Fuel	L	13,83	1 250,79	0,04
Repairs & Maintenance			824,20	0,02
D) HARVEST COSTS				
Fuel	L	13,83	252,01	0,01
Repairs & Maintenance			267,44	0,01
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			307 854,95	8,80
Interest on Working Capital			2 556,45	0,07
MARGIN ABOVE SPECIFIED COSTS			305 298,50	8,72

NOTES:

Interest Rate	10,25%
Growing period of Crop	3 months

SENSITIVITY ANALYSIS					
YIELD (Kg/ha)	PRICE (R/kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 11,98	R 12,64	R 13,31	R 13,98	R 14,64
28 000	R 174 860	R 193 494	R 212 128	R 230 762	R 249 396
31 500	R 216 787	R 237 750	R 258 713	R 279 677	R 300 640
35 000	R 258 713	R 282 006	R 305 298	R 328 591	R 351 883
38 500	R 300 640	R 326 262	R 351 883	R 377 505	R 403 127
42 000	R 342 566	R 370 517	R 398 468	R 426 419	R 454 370
BREAKEVEN YIELD (Kg/ha)	13 403	12 697	12 062	11 488	10 966

Costs Of Production	R/Ha
Fertiliser	30 496,74
Seed	27 600,00
Weed Control	694,03
Pest Control	179,79
Fungal Control	107,53
Casual Labour	36 341,28
Fuel	1 502,80
Repairs & Maintenance	1 091,64
Interest	2 556,45



Disclaimer

The enterprise budgets developed by the Western Cape Department of Agriculture are done to reflect accuracy and relevance of information. However, as each enterprise budget contains data from various sources its correctness cannot be guaranteed. Therefore, any person using this information will be doing so at own risk as the said organisation or other party will under no circumstances be responsible for any loss suffered by any person/organisation using the information contained in this document.