



ENTERPRISE BUDGET

Classification	Vegetables	Province	Western Cape
Enterprise Budget Name	Carrots	District	Cape Metropole
Land Size	1 Hectare	Area	Phillipi
Date Developed	30 June 2016	Latest update	12 March 2025
Developer	Maliviwe Makeleni	Updater	Ziyanda Poswa
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			55 800,00	407 898,00	7,31
Product Income					
Carrot Market	Kg	7,31	55 800,00	407 898,00	7,31
MARKETING COSTS Market	12,5%			50 987,25	0,91
GROSS INCOME minus MARKETING COSTS				356 910,75	6,40
TOTAL ALLOCATABLE VARIABLE COSTS				68 312,94	1,22
DIRECTLY ALLOCATABLE VARIABLE COSTS				65 751,61	1,18
A) PRE-HARVEST COSTS					
PLANTING MATERIAL				734,18	0,01
Carrot	kg	560,44	1,31	734,18	0,01
FERTILISER				19 968,96	0,36
Chicken manure	m ³	287,50	16,00	4 600,00	0,08
Lime Ammonium Nitrate (28)	Ton	9 252,21	0,25	2 313,05	0,04
3:1:5 (38)	Ton	14 020,00	0,20	2 804,00	0,05
Turbo-31 10:1:5	Kg	11,31	200,00	2 262,51	0,04
2:1:5 (37)	Kg	15,98	500,00	7 989,40	0,14
HERBICIDES				990,98	0,02
Linuron SC	L	536,70	0,90	483,03	0,01
Haloxypop-r-methyl	L	564,39	0,90	507,95	0,01
PESTICIDES/INSECTICIDES				124,81	0,00
Mevinphos 500 SL	L	662,28	0,15	99,34	0,00
Lamda-cyhalothrin	L	212,21	0,12	25,47	0,00
FUNGICIDES				224,00	0,00
Copper Hydroxide 120 SC	L	97,54	2,00	195,09	0,00
Dimethomorph\Mancozeb	Kg	115,64	0,25	28,91	0,00
CASUAL LABOUR				4 663,98	0,08
Casual Labour Weeding/Day	R/Manday	259,11	18,00	4 663,98	0,08
B) HARVEST COSTS					
CASUAL LABOUR				31 093,20	0,56
Casual Labour Harvesting/Day	R/Manday	259,11	72,00	18 655,92	0,33
Casual Labour Packaging/Day	R/Manday	259,11	48,00	12 437,28	0,22
PACKAGING MATERIAL				7 951,50	0,14
Plastic bags 5Kg	Bag	0,95	8 370,00	7 951,50	0,14
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				291 159,14	5,22

INDIRECTLY ALLOCATABLE VARIABLE COSTS**2 561,33****0,05****C) PRE-HARVEST COST**

Fuel	L	18,73	1 220,28	0,02
Repairs & Maintenance			678,70	0,01

D) HARVEST COSTS

Fuel	L	18,73	379,64	0,01
Repairs & Maintenance			282,71	0,01

GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS**288 597,81****5,17**

Interest on Working Capital

1 878,61

0,03

MARGIN ABOVE SPECIFIED COSTS**286 719,21****5,14****NOTES:**

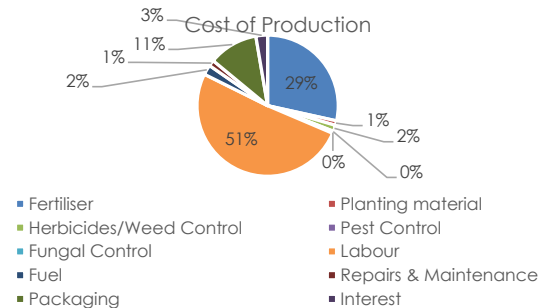
Interest Rate	11,00%
Growing period of Crop (Months)	3

SENSITIVITY ANALYSIS

YIELD (Kg/ha)	PRICE (R/Kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 6,58	R 6,94	R 7,31	R 7,68	R 8,04
44 640	R 223 495	R 239 811	R 256 127	R 272 443	R 288 759
50 220	R 260 206	R 278 561	R 296 917	R 315 272	R 333 627
55 800	R 296 917	R 317 312	R 286 719	R 358 101	R 378 496
61 380	R 333 627	R 356 062	R 378 496	R 400 931	R 423 365
66 960	R 370 338	R 394 812	R 419 286	R 443 760	R 468 234
BREAKEVEN YIELD (Kg/ha)	10 669	10 108	9 602	9 145	8 729

Costs Of Production

	R/Ha
Fertiliser	19 968,96
Planting material	734,18
Herbicides/Weed Control	990,98
Pest Control	124,81
Fungal Control	224,00
Labour	35 757,18
Fuel	1 599,92
Repairs & Maintenance	961,41
Packaging	7 951,50
Interest	1 878,61

**Disclaimer**

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