

ENTERPRISE BUDGET			
Classification	Vegetables	Province	Western Cape
Enterprise Budget Name	Potatoes	District	Cape Winelands
Land Size	1 Hectare	Area	Witzenberg
Date Developed	31 March 2014	Latest update	30 August 2022
Developer	Nomfundo Nyembe	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Loam		

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

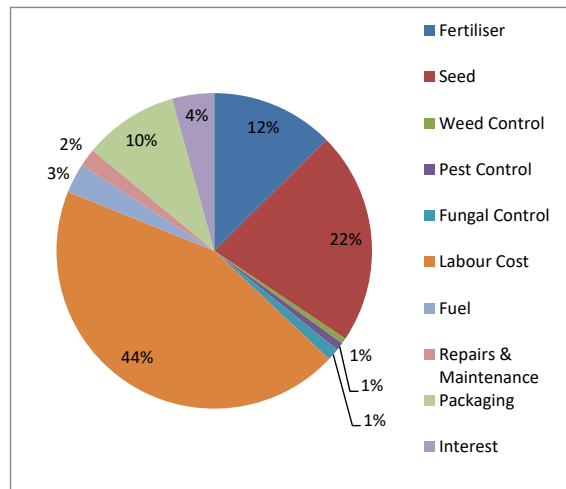
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			51 150,00	263 524,80	5,15
Product Income					
Potato	Kg	5,15	51 150,00	263 524,80	5,15
MARKETING COSTS Market	12,5%			32 940,60	0,64
GROSS INCOME minus MARKETING COSTS				230 584,20	4,51
TOTAL ALLOCATABLE VARIABLE COSTS				167 587,54	3,28
DIRECTLY ALLOCATABLE VARIABLE COSTS				159 028,91	3,11
A) PRE-HARVEST COST					
PLANTING MATERIAL				38 250,00	0,75
Potatoe seed	Kg	10,20	3 750,00	38 250,00	0,75
FERTILISER				21 979,95	0,43
Potassium Nitrate	Ton	33 544,35	0,45	15 094,96	0,30
Lime Ammonium Nitrate (28)	Ton	13 599,90	0,20	2 719,98	0,05
3:1:5 (38)	Ton	16 660,05	0,25	4 165,01	0,08
HERBICIDES				1 008,88	0,02
Glyphosate	Kg	148,97	4,00	595,88	0,01
Metazachlor	L	413,00	1,00	413,00	0,01
PESTICIDES/INSECTICIDES				1 402,04	0,03
Methamidophos	L	220,98	3,00	662,93	0,01
Deltamethrin 25EC	L	621,79	0,06	37,31	0,00
Cyromazine	Kg	2 203,69	0,30	661,11	0,01
Methomyl	L	135,63	0,30	40,69	0,00
FUNGICIDES				2 206,73	0,04
Captab	Kg	239,27	2,00	478,54	0,01
Mancozeb 800WP	Kg	96,01	18,00	1 728,19	0,03
CASUAL LABOUR				12 499,41	0,24
Casual Labour Soil Prep/Hour	R/Manhour	23,19	54,00	1 252,26	0,02
Casual Labour Planting/Hour	R/Manhour	23,19	437,00	10 134,03	0,20
Casual Labour Irrigation/Hour	R/Manhour	23,19	48,00	1 113,12	0,02
B) HARVEST COSTS				64 700,10	1,26
Casual Labour Harvesting/Hour	R/Manhour	23,19	2 790,00	64 700,10	1,26
PACKAGING MATERIAL				16 981,80	0,33
Carry Bag (10kg)	Each	3,32	5 115,00	16 981,80	0,33
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				71 555,29	1,40

INDIRECTLY ALLOCATABLE VARIABLE COSTS			8 558,63	0,17
C) PRE-HARVEST COST				
Fuel	L	21,14	2 362,52	0,05
Repairs & Maintenance			1 129,81	0,02
D) HARVEST COSTS				
Fuel	L	21,14	2 950,66	0,06
Repairs & Maintenance			2 115,63	0,04
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			62 996,66	1,23
Interest on Working Capital			7 541,44	0,15
MARGIN ABOVE SPECIFIED COSTS			55 455,22	1,08

NOTES:	
Interest Rate	9,00%
Growing period of Crop(Months)	6

SENSITIVITY ANALYSIS					
YIELD (Kg/ha)	PRICE (R/kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 4,64	R 4,89	R 5,15	R 5,41	R 5,67
40920,00	-R 18 332	-R 7 791	R 2 750	R 13 291	R 23 832
46035,00	R 5 386	R 17 244	R 29 103	R 40 961	R 52 820
51150,00	R 29 103	R 42 279	R 55 455	R 68 631	R 81 808
56265,00	R 52 820	R 67 314	R 81 808	R 96 302	R 110 795
61380,00	R 76 537	R 92 349	R 108 160	R 123 972	R 139 783
BREAKEVEN YIELD (Kg/ha)	44873,53	42511,76	40 386,18	38 463,03	36 714,71

Costs Of Production	R/Ha
Fertiliser	21 979,95
Seed	38 250,00
Weed Control	1 008,88
Pest Control	1 402,04
Fungal Control	2 206,73
Labour Cost	77 199,51
Fuel	5 313,18
Repairs & Maintenance	3 245,45
Packaging	16 981,80
Interest	7 541,44



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