

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 2021
Developer	Nomfundo Nyembe	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Loam		

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

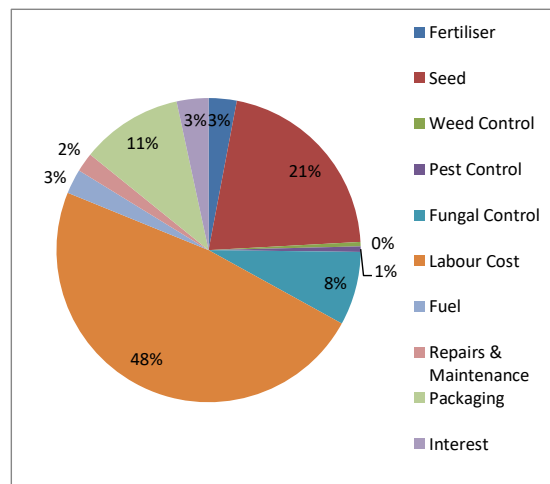
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			51 150,00	316 107,00	6,18
Product Income					
Potato	Kg	6,18	51 150,00	316 107,00	6,18
MARKETING COSTS Market	12,5%			39 513,38	0,77
GROSS INCOME minus MARKETING COSTS				276 593,63	5,41
TOTAL ALLOCATABLE VARIABLE COSTS				144 928,38	2,83
DIRECTLY ALLOCATABLE VARIABLE COSTS				137 944,20	2,70
A) PRE-HARVEST COST					
PLANTING MATERIAL				31 740,00	0,62
Potatoe seed	Kg	8,46	3 750,00	31 740,00	0,62
FERTILISER				4 469,45	0,09
Potassium Nitrate	Ton	3 082,00	0,45	1 386,90	0,03
Lime Ammonium Nitrate (28)	Ton	6 461,62	0,20	1 292,32	0,03
3:1:5 (38)	Ton	7 160,91	0,25	1 790,23	0,03
HERBICIDES				699,14	0,01
Glyphosate	Kg	84,41	4,00	337,64	0,01
Metazachlor	L	361,50	1,00	361,50	0,01
PESTICIDES/INSECTICIDES				877,98	0,02
Methamidophos	L	184,00	3,00	552,00	0,01
Deltamethrin 25EC	L	825,60	0,06	49,54	0,00
Cyromazine	Kg	795,11	0,30	238,53	0,00
Methomyl	L	126,39	0,30	37,92	0,00
FUNGICIDES				11 737,06	0,23
Captab	Kg	176,03	2,00	352,06	0,01
Mancozeb 800WP	Kg	632,50	18,00	11 385,00	0,22
CASUAL LABOUR				11 690,91	0,23
Casual Labour Soil Prep/Hour	R/Manhour	21,69	54,00	1 171,26	0,02
Casual Labour Planting/Hour	R/Manhour	21,69	437,00	9 478,53	0,19
Casual Labour Irrigation/Hour	R/Manhour	21,69	48,00	1 041,12	0,02
B) HARVEST COSTS				60 515,10	1,18
Casual Labour Harvesting/Hour	R/Manhour	21,69	2 790,00	60 515,10	1,18
PACKAGING MATERIAL				16 214,55	0,32
Carry Bag (10kg)	Each	3,17	5 115,00	16 214,55	0,32
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				138 649,43	2,71

INDIRECTLY ALLOCATABLE VARIABLE COSTS			6 984,18	0,14
C) PRE-HARVEST COST				
Fuel	L	14,06	1 571,65	0,03
Repairs & Maintenance			1 129,81	0,02
D) HARVEST COSTS				
Fuel	L	14,06	2 352,09	0,05
Repairs & Maintenance			1 930,62	0,04
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			131 665,25	2,57
Interest on Working Capital			5 072,49	0,10
MARGIN ABOVE SPECIFIED COSTS			126 592,75	2,47

NOTES:		
Interest Rate	7,00%	
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 5,56	R 5,87	R 6,18	R 6,49	R 6,80
40920,00	R 38 083	R 50 727	R 63 371	R 76 016	R 88 660
46035,00	R 66 532	R 80 757	R 94 982	R 109 207	R 123 432
51150,00	R 94 982	R 110 787	R 126 593	R 142 398	R 158 203
56265,00	R 123 432	R 140 818	R 158 203	R 175 589	R 192 975
61380,00	R 151 881	R 170 848	R 189 814	R 208 781	R 227 747
BREAKEVEN YIELD (Kg/ha)	34073,04	32279,72	30 665,74	29 205,46	27 877,94

Costs Of Production	R/Ha
Fertiliser	4 469,45
Seed	31 740,00
Weed Control	699,14
Pest Control	877,98
Fungal Control	11 737,06
Labour Cost	72 206,01
Fuel	3 923,74
Repairs & Maintenance	3 060,44
Packaging	16 214,55
Interest	5 072,49



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