

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	Date Updated	27 August 2024
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			51,15	422 789,02	8 265,67
Product Income					
Potato	Ton	8 265,67	51,15	422 789,02	8 265,67
MARKETING COSTS Market	12,5%			52 848,63	1 033,21
GROSS INCOME minus MARKETING COSTS				369 940,39	7 232,46
TOTAL ALLOCATABLE VARIABLE COSTS				185 862,11	3 633,67
DIRECTLY ALLOCATABLE VARIABLE COSTS				177 506,16	3 470,31
A) PRE-HARVEST COST					
PLANTING MATERIAL				44 187,60	863,88
Potatoe seed	Kg	11,78	3 750,00	44 187,60	863,88
FERTILISER				19 808,38	387,26
Potassium Nitrate	Ton	31 866,50	0,45	14 339,93	280,35
Lime Ammonium Nitrate (28)	Ton	9 972,98	0,20	1 994,60	39,00
3:1:5 (38)	Ton	13 895,45	0,25	3 473,86	67,92
HERBICIDES				1 137,63	22,24
Glyphosate	Kg	147,63	4,00	590,54	11,55
Metazachlor	L	547,09	1,00	547,09	10,70
PESTICIDES/INSECTICIDES				2 082,88	40,72
Methamidophos	L	372,66	3,00	1 117,97	21,86
Deltamethrin 25EC	L	774,30	0,06	46,46	0,91
Cyromazine	Kg	2 830,60	0,30	849,18	16,60
Methomyl	L	230,91	0,30	69,27	1,35
FUNGICIDES				2 619,34	51,21
Captab	Kg	310,50	2,00	621,00	12,14
Mancozeb 800WP	Kg	111,02	18,00	1 998,34	39,07
CASUAL LABOUR				14 865,62	290,63
Casual Labour Soil Prep/Hour	R/Manhour	27,58	54,00	1 489,32	29,12
Casual Labour Planting/Hour	R/Manhour	27,58	437,00	12 052,46	235,63
Casual Labour Irrigation/Hour	R/Manhour	27,58	48,00	1 323,84	25,88
B) HARVEST COSTS				76 948,20	1 504,36
Casual Labour Harvesting/Hour	R/Manhour	27,58	2 790,00	76 948,20	1 504,36
PACKAGING MATERIAL				15 856,50	310,00
Sack force bag potato sandveld (10kg)	Each	3,10	5 115,00	15 856,50	310,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				192 434,23	3 762,16

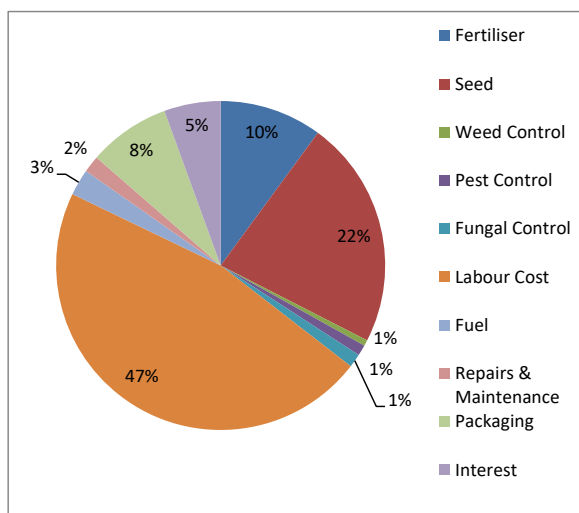
INDIRECTLY ALLOCATABLE VARIABLE COSTS			8 355,95	163,36
C) PRE-HARVEST COST				
Fuel	L	20,33	2 272,03	44,42
Repairs & Maintenance			1 129,81	22,09
D) HARVEST COSTS				
Fuel	L	20,33	2 838,48	55,49
Repairs & Maintenance			2 115,63	41,36
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			184 078,28	3 598,79
Interest on Working Capital			10 919,40	213,48
MARGIN ABOVE SPECIFIED COSTS			173 158,88	3 385,32

NOTES:

Interest Rate	11,75%
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 7 439,10	R 7 852,39	R 8 265,67	R 8 678,95	R 9 092,24
40,92	R 54 778	R 71 690	R 88 601	R 105 513	R 122 424
46,04	R 92 829	R 111 854	R 130 880	R 149 905	R 168 931
51,15	R 130 880	R 152 019	R 173 159	R 194 298	R 215 438
56,27	R 168 931	R 192 184	R 215 438	R 238 691	R 261 945
61,38	R 206 982	R 232 349	R 257 717	R 283 084	R 308 451
BREAKEVEN YIELD (Kg/ha)	33,56	31,79	30,20	28,76	27,46

Costs Of Production	R/Ha
Fertiliser	19 808,38
Seed	44 187,60
Weed Control	1 137,63
Pest Control	2 082,88
Fungal Control	2 619,34
Labour Cost	91 813,82
Fuel	5 110,51
Repairs & Maintenance	3 245,45
Packaging	15 856,50
Interest	10 919,40



Disclaimer

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