

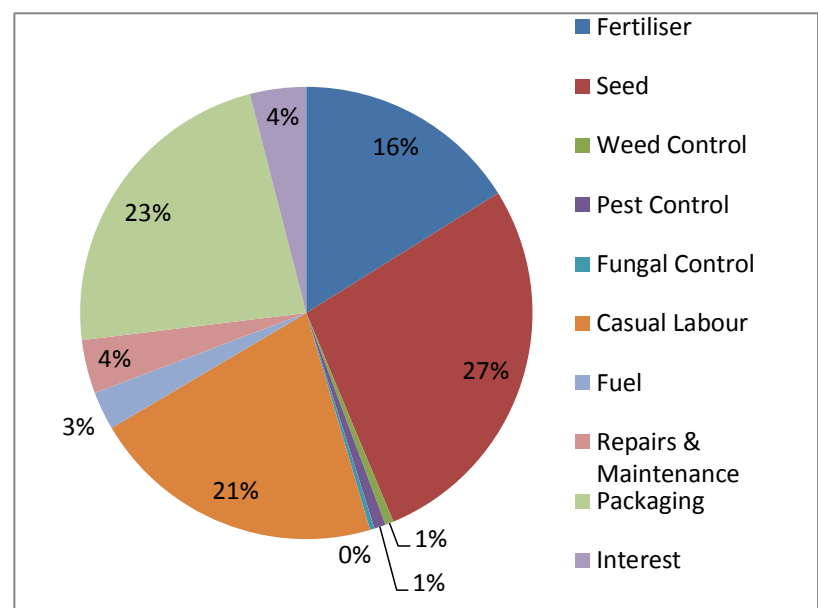
ENTERPRISE BUDGET					
<b>Classification</b>	Vegetable	<b>Province</b>	Western Cape		
<b>Enterprise Budget Name</b>	Sweet Potatoes	<b>District</b>	North West Coast		
<b>Land Size</b>	1 Hectare	<b>Area</b>	Matzikama		
<b>Date Developed</b>	20 November 2018	<b>Latest update</b>	N/A		
<b>Soil Type</b>	Sandy	<b>Budget ID</b>	ZikhonaS/MzwaneleL		
Use this enterprise budget as an aid in the planning process.					
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
<b>GROSS INCOME</b>			<b>40.00</b>	<b>248 000.00</b>	<b>6 200.00</b>
<b>Product Income</b>					
Sweet Potatoe	Ton	6200.00	40.00	248 000.00	6 200.00
<b>MARKETING COSTS Market</b>	12.5%		5.00	31 000.00	775.00
<b>GROSS INCOME minus MARKETING COSTS</b>				<b>217 000.00</b>	<b>5 425.00</b>
<b>TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>172 577.46</b>	<b>4 314.44</b>
<b>DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>165 346.14</b>	<b>4 133.65</b>
<b>A) PRE-HARVEST COST</b>					
<b>PLANTING MATERIAL</b>					
Sweet Potatoes	Plant	0.38	79 000.00	29 980.50	749.51
Cover crop (Rye)	KG	7.67	50.00	383.33	9.58
<b>FERTILISER</b>					
Starter veg 1:1:1 (34)	Ton	9 254.05	0.25	2 313.51	57.84
Calcium Nitrate	Ton	7 802.06	0.30	2 340.62	58.52
Potassium Nitrate	Ton	15 751.32	0.20	3 150.26	78.76
6:1:6	Ton	8 813.28	0.90	7 931.95	198.30
Lime Ammonium Nitrate (28)	Ton	5 689.64	0.35	1 991.37	49.78
Chicken manure	Ton	3 036.29	1.00	3 036.29	75.91
<b>HERBICIDES</b>					
Linuron SC	L	310.34	0.98	302.58	7.56
Alachlor 480CS	L	119.60	3.00	358.80	8.97
<b>PESTICIDES/INSECTICIDES</b>					
Abamectin	L	123.17	1.00	123.17	3.08
Pyriproxyfen	L	368.00	0.60	220.80	5.52
Chlorphenapyr	L	817.77	0.35	286.22	7.16
Bifenthrin(pyrethroid) 100g/L	L	171.63	1.50	257.44	6.44
Deltamethrin 25EC	L	802.60	4.00	3 210.39	80.26
<b>FUNGICIDES</b>					
Mancozeb 480SC	Kg	77.17	2.00	154.33	3.86
Thiram	Kg	107.30	2.00	214.59	5.36
<b>CASUAL LABOUR</b>					
Casual Labour Planting/D	Manday	162.00	55.00	8 910.00	222.75
<b>IRRIGATION &amp; ELECRICITY</b>					
<b>B) HARVEST COSTS</b>					
Casual Labour Harvesting/D	Manday	162.00	88.00	14 256.00	356.40
Casual Labour Packaging/D	Manday	162.00	161.00	26 082.00	652.05
<b>PACKAGING MATERIAL</b>					
Box (15KG)	Each	12	2 666.00	31 992.00	799.80
Pellet	Pellet	50	53.00	2 650.00	66.25
<b>CONTRACT WORK</b>					
Transport to market	Pellet	420	60.00	25 200.00	630.00
<b>GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>51 653.86</b>	<b>1 291.35</b>

<b>INDIRECTLY ALLOCATABLE VARIABLE COSTS</b>			<b>7 231.32</b>	<b>180.78</b>
<b>C) PRE-HARVEST COST</b>				
Fuel	L	12.96	676.65	16.92
Repairs & Maintenance			417.21	10.43
<b>D) HARVEST COSTS</b>				
Fuel	L	12.96	2337.83	58.45
Repairs & Maintenance			3799.63	94.99
<b>GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS</b>			<b>44 422.54</b>	<b>1 110.56</b>
Interest on Working Capital			4 422.30	110.56
<b>MARGIN ABOVE SPECIFIED COSTS</b>			<b>40 000.24</b>	<b>1 000.01</b>

<b>NOTES:</b>				
Interest Rate		10.25%		
Growing period of Crop		3 months		

<b>SENSITIVITY ANALYSIS</b>					
<b>YIELD (Ton/ha)</b>	<b>PRICE (R/Ton)</b>				
<b>YIELD CHANGE AT 10% INCREMENTS</b>	<b>LESS 10%</b>	<b>LESS 5%</b>	<b>ACTUAL</b>	<b>ADD 5%</b>	<b>ADD 10%</b>
	<b>R 5 580.00</b>	<b>R 5 890.00</b>	<b>R 6 200.00</b>	<b>R 6 510.00</b>	<b>R 6 820.00</b>
<b>32</b>	-R 29 440	-R 19 520	-R 9 600	R 320	R 10 240
<b>36</b>	-R 7 120	R 4 040	R 15 200	R 26 360	R 37 520
<b>40</b>	R 15 200	R 27 600	R 40 000	R 52 400	R 64 800
<b>44</b>	R 37 520	R 51 160	R 64 800	R 78 440	R 92 080
<b>48</b>	R 59 840	R 74 720	R 89 600	R 104 480	R 119 360
<b>BREAKEVEN YIELD (Ton/Ha)</b>	<b>37</b>	<b>35</b>	<b>34</b>	<b>32</b>	<b>30</b>

<b>Costs Of Production</b>	<b>R/Ha</b>
Fertiliser	17 727.72
Seed	30 363.83
Weed Control	661.38
Pest Control	887.62
Fungal Control	368.92
Casual Labour	23 166.00
Fuel	3 014.48
Repairs & Maintenance	4 216.84
Packaging	25 200.00
Interest	4 422.30



**Disclaimer**

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