Western Cape Government

AGRICULTURAL ECONOMIC SERVICES
Division: Production Economics
Tel: 021 808 5317
Private Bag X1, Elsenburg. 7607

ENTERPRISE BUDGET

Classification	Fruit	**Province**	Western Cape
Enterprise Budget Name	Table Olive (Yr 4-6)	**District**	Garden Route/Little Karoo
Land Size	1 Hectare	**Area**	Kana/Oudtsh/P Albert
Date Developed	30 October 2015	**Date updated**	11 March 2024
Developer	Mzwanele Lingani	**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			**5,00**	**63 000,00**	**12 600,00**
Product Income					
Table Olive	Ton	13 000,00	4,50	58 500,00	11 700,00
Olive Oil	Ton	9 000,00	0,50	4 500,00	900,00
MARKETING COSTS	Ton	0,00	0,50	0,00	0,00
GROSS INCOME minus MARKETING COSTS				**63 000,00**	**12 600,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**39 243,26**	**7 848,65**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**37 441,13**	**7 488,23**
A) PRE-HARVEST COST					
FERTILISER				**8 420,33**	**1 684,07**
Lime Ammonium Nitrate (28)	Ton	9 972,98	0,05	498,65	99,73
Magnesium Sulphate	Ton	6 640,00	0,02	132,80	26,56
Nitrogen (N)	Ton	22 839,00	0,20	4 567,80	913,56
Potassium (K)	Ton	18 239,00	0,15	2 735,85	547,17
Solubor	L	63,43	1,20	76,12	15,22
Zinc Sulphate	Ton	32 729,00	0,01	409,11	81,82
HERBICIDES				**619,74**	**123,95**
Glyphosate 360 SL	L	95,57	3,00	286,72	57,34
Paraquat 200SL	L	166,51	2,00	333,01	66,60
PESTICIDES				**6 487,29**	**1 297,46**
Azinphos-methyl	L	366,31	2,50	915,78	183,16
Demeton-s-methyl	L	421,26	1,00	421,26	84,25
Spinetoram 250 WG	Kg	8 277,71	0,60	4 966,63	993,33
Bifenthrin(pyrethroid) 100g/L	L	306,05	0,60	183,63	36,73
FUNGICIDES				**4 677,70**	**935,54**
Mancozeb 800WP	Kg	111,00	4,00	444,01	88,80
Captab 50 SC	L	248,96	3,00	746,89	149,38
Cuprous oxide 86% WG	Kg	399,61	4,40	1 758,30	351,66
Copper Oxychloride	Kg	172,85	10,00	1 728,49	345,70
CASUAL LABOUR				**3 475,08**	**695,02**
Casual Labour Pruning/Day	R/Manday	248,22	14,00	3 475,08	695,02
IRRIGATION & ELECRICITY				**1 350,00**	**270,00**
B) HARVEST COSTS					
CASUAL LABOUR				**12 411,00**	**2 482,20**
Casual Labour Harvesting/Day	R/Manday	248,22	50,00	12 411,00	2 482,20
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**25 558,87**	**5 111,77**

INDIRECTLY ALLOCATABLE VARIABLE COSTS			**1 802,13**	**360,43**
C) PRE-HARVEST COST				
Fuel	L	20,88	622,41	124,48
Repairs & Maintenance			373,47	74,69
D) HARVEST COSTS				
Fuel	L	20,88	554,22	110,84
Repairs & Maintenance			252,03	50,41
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**23 756,74**	**4 751,35**
Interest on Working Capital			4 611,08	922,22
MARGIN ABOVE SPECIFIED COSTS			**19 145,65**	**3 829,13**

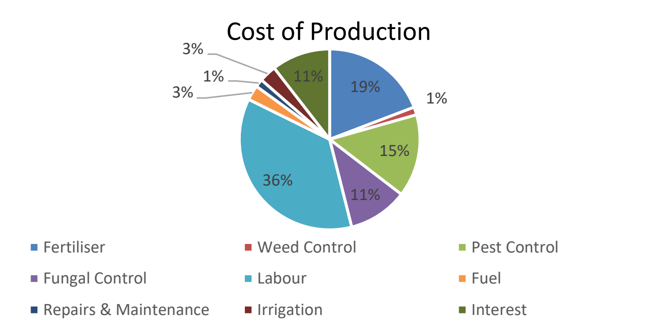
NOTES:

Interest Rate	11,75%
Growing period of Crop (Months)	12

SENSITIVITY ANALYSIS

YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 11 340	**R 11 970**	**R 12 600**	**R 13 230**	**R 13 860**
4,00	R 1 506	R 4 026	R 6 546	R 9 066	R 11 586
4,50	R 7 176	R 10 011	R 12 846	R 15 681	R 18 516
5,00	R 12 846	R 15 996	R 19 146	R 22 296	R 25 446
5,50	R 18 516	R 21 981	R 25 446	R 28 911	R 32 376
6,00	R 24 186	R 27 966	R 31 746	R 35 526	R 39 306
BREAKEVEN YIELD (Ton/Ha)	**3,87**	**3,66**	**3,48**	**3,31**	**3,16**

Costs Of Production	R/Ha
Fertiliser	8 420,33
Weed Control	619,74
Pest Control	6 487,29
Fungal Control	4 677,70
Labour	15 886,08
Fuel	1 176,63
Repairs & Maintenance	625,50
Irrigation	1 350,00
Interest	4 611,08



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