Western Cape Government

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

ENTERPRISE BUDGET			
Classification	Fruit	**Province**	Western Cape
Enterprise Budget Name	Cherry- Establishment	**District**	Cape Winelands
Land Size	1 ha	**Area**	Ceres
Date Developed	25 March 2019	**Date Updated**	11 November 2024
Developer	Athenkosi Mbaba	**Updater**	Nkhanedzeni Nedzungani
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			**0,00**	**0,00**	**0,00**
Product Income					
Cherry- Fresh market (20%)	Kg	22,44	0,00	0,00	0,00
Cherry- Retail market(80%)	Kg	131,06	0,00	0,00	0,00
MARKETING COSTS- CAPE TOWN MARKET	12,5%			0,00	0,00
MARKETING COSTS- RETAIL MARKET	0,0%			0,00	0,00
GROSS INCOME minus MARKETING COSTS				**0,00**	**0,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**882 285,85**	**0,00**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**878 010,28**	**0,00**
A) PRE-HARVEST COST					
PLANTING MATERIAL					
Cherry Tree	Each	140,00	1 449,00	202 860,00	0,00
FERTILISER				**26 753,44**	**0,00**
Nitrogen (N)	Ton	22 839,00	0,28	6 280,73	0,00
Turbo-31 10:1:5	Ton	9 430,00	0,28	2 593,25	0,00
Single Super Phosphate 10.5%	Ton	12 146,53	0,43	5 280,10	0,00
Maxiphos 20	Ton	21 260,97	0,28	5 846,77	0,00
Urea HB Granular 46%	Ton	13 422,21	0,12	1 610,67	0,00
KCL	Ton	7 295,37	0,12	853,56	0,00
Lime Ammonium Nitrate (28)	Ton	9 972,98	0,43	4 288,38	0,00
INSECTICIDES				**34 056,56**	**0,00**
Chlorpyrifos 480 EC	L	257,07	2,00	514,14	0,00
Spinetoram 250 WG	Kg	8 277,71	4,00	33 110,85	0,00
Lamda-cyhalothrin	L	158,57	0,80	126,86	0,00
Alpha-cypermethrin	L	1 015,70	0,30	304,71	0,00
HERBICIDES				**2 474,39**	**0,00**
Paraquat 200SL	L	166,51	8,00	1 332,05	0,00
Glyphosate	L	157,35	7,26	1 142,34	0,00
FUNGICIDES				**1 093,44**	**0,00**
Copper Oxychloride	Kg	172,85	5,00	864,24	0,00
Propiconazole 250 EC	L	573,00	0,40	229,20	0,00
CASUAL LABOUR				**244 248,48**	**0,00**
Casual Labour Planting/Day	R/Manday	248,22	31,00	7 694,82	0,00
Casual labour Trellis & Netting/day	R/Manday	248,22	953,00	236 553,66	0,00
TRELLISSING/ NETTING STRUCTURE				**290 544,90**	**0,00**
Pine poles 3.6m (80-99mm) (Class 3)	Each	309,00	290,00	89 610,00	0,00
Wire (4mm)	500m	1 370,00	5,56	7 610,35	0,00
Wire Round 2mm (2000m)	50KG	1 520,00	3,70	5 624,00	0,00
PPC Cement	50KG	126,60	55,00	6 963,00	0,00
Nails 3 inches	kg	36,00	7,50	270,00	0,00
Stone 19 mm	40KG	45,00	20,00	900,00	0,00
Sand	40KG	30,00	23,00	690,00	0,00
Staples pre-pack 32mm x 2.50mm (25 x 1kg)	Kg	61,80	14,20	877,55	0,00
Shade net	R/Ha	178 000,00	1,00	178 000,00	0,00
IRRIGATION & ELECTRICITY				**10 979,06**	**0,00**
Electricity[1]	kWh	2,34	4 685,90	10 979,06	0,00
CONTRACT WORK				**65 000,00**	**0,00**
Land preparation and ridging	R/Ha	65 000,00	1,00	65 000,00	0,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**-878 010,28**	**0,00**

INDIRECTLY ALLOCATABLE VARIABLE COSTS			**4 275,57**	**0,00**
B) PRE-HARVEST COST				
Fuel	L	19,99	2 528,65	0,00
Repairs & Maintenance			1 746,92	0,00
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**-882 285,85**	**0,00**
Interest on Working Capital			99 257,16	0,00
MARGIN ABOVE SPECIFIED COSTS			**-981 543,01**	**0,00**

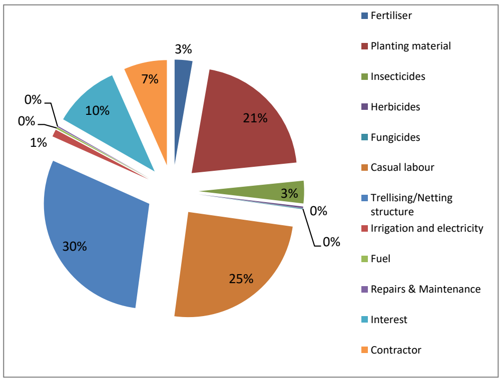
NOTES:

1. Interest Rate	11,25%
2. Growing period of Crop (Months)	12
3. Tree spcaing is 4.5m X 1.6m	

SENSITIVITY ANALYSIS

YIELD (Kg/ha)	PRICE (R/ Kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 98,40	**R 103,87**	**R 109,34**	**R 114,80**	**R 120,27**
0,00	-R 981 543	-R 981 543	-R 981 543	-R 981 543	-R 981 543
0,00	-R 981 543	-R 981 543	-R 981 543	-R 981 543	-R 981 543
0,00	-R 981 543	-R 981 543	-R 981 543	-R 981 543	-R 981 543
0,00	-R 981 543	-R 981 543	-R 981 543	-R 981 543	-R 981 543
0,00	-R 981 543	-R 981 543	-R 981 543	-R 981 543	-R 981 543
BREAKEVEN YIELD (Kg/Ha)	**9975**	**9450**	**8977**	**8550**	**8161**

Costs Of Production	R/Ha
Fertiliser	26 753,44
Planting material	202 860,00
Insecticides	34 056,56
Herbicides	2 474,39
Fungicides	1 093,44
Casual labour	244 248,48
Trellising/Netting structure	290 544,90
Irrigation and electricity	10 979,06
Fuel	2 528,65
Repairs & Maintenance	1 746,92
Interest	99 257,16
Contractor	65 000,00
TOTAL	**981 543,01**



Disclaimer

The Western Cape Department of Agriculture prepared this data/ information as accurately as possible. However, as this document contains data from various sources, its correctness cannot be guaranteed. Any person using this information will be doing so at own risk as the said organisation or other party will under no circumstances be responsible for any loss suffered by any person using the information contained in this document