Western Cape Government

AGRICULTURAL ECONOMIC SERVICES
Division: Production Economics
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ENTERPRISE BUDGET

Classification	Fynbos	**Province**	Western Cape
Enterprise Budget Name	Rooibos Organic- Yr 5	**District**	Overberg
Land Size	1 Hectare	**Area**	Bredasdorp
Date Developed	07-May-20	**Date Updated**	11 June 2024
Developer	Mzwanele Lingani	**Updater**	Nkhanedzeni Nedzungani
Soil Type	Limestone		

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			**483,29**	**11 207,50**	**23,19**
Product Income					
Rooibos Tea Dried	Kg	23,19	483,29	11 207,50	23,19
MARKETING COSTS	Kg			0,00	0,00
GROSS INCOME minus MARKETING COSTS				**11 207,50**	**23,19**
TOTAL ALLOCATABLE VARIABLE COSTS				**16 413,94**	**33,96**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**6 583,18**	**13,62**
A) PRE-HARVEST COST					
CASUAL LABOUR				**1 241,10**	**2,57**
Casual Labour Weeding/Day	R/Manday	248,22	5,00	1 241,10	2,57
IRRIGATION & ELECRICITY				**0,00**	**0,00**
B) HARVEST COSTS					
CASUAL LABOUR				**2 345,68**	**4,85**
Casual Labour Harvesting/Day	R/Manday	248,22	9,45	2 345,68	4,85
DRYING & CUTTING COST				**2 996,40**	**6,20**
Rooibos drying and cutting	KG	6,20	483,29	2 996,40	6,20
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**4 624,32**	**9,57**

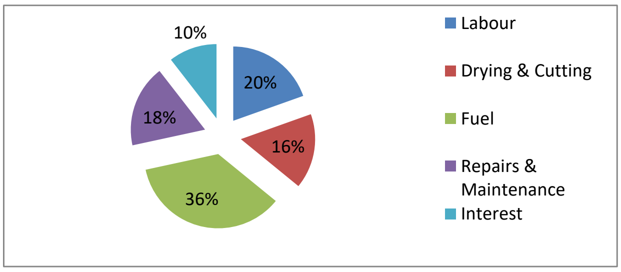
INDIRECTLY ALLOCATABLE VARIABLE COSTS			**9 830,76**	**20,34**
C) PRE-HARVEST COST				
Fuel	L	20,33	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS				
Fuel	L	20,33	6 551,19	13,56
Repairs & Maintenance			3 279,57	6,79
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**-5 206,45**	**-10,77**
Interest on Working Capital			1 928,64	3,99
MARGIN ABOVE SPECIFIED COSTS			**-7 135,08**	**-14,76**

NOTES:	
Interest Rate	11,75%
Growing period of Crop (months)	12
Plant spacing (m)	1.2m x 0.6m
Plantdensity	13 770 plants
Dry tea	50% of wet tea

SENSITIVITY ANALYSIS

YIELD (Kg/ha)	**PRICE (R/Kg)**				
YIELD CHANGE AT 10% INCREMENTS	**LESS 10%**	**LESS 5%**	**ACTUAL**	**ADD 5%**	**ADD 10%**
	R 20,87	**R 22,03**	**R 23,19**	**R 24,35**	**R 25,51**
386,63	-R 10 273	-R 9 825	-R 9 377	-R 8 928	-R 8 480
434,96	-R 9 265	-R 8 760	-R 8 256	-R 7 751	-R 7 247
483,29	-R 8 256	-R 7 695	-R 7 135	-R 6 575	-R 6 014
531,62	-R 7 247	-R 6 631	-R 6 014	-R 5 398	-R 4 782
579,95	-R 6 238	-R 5 566	-R 4 894	-R 4 221	-R 3 549
BREAKEVEN YIELD (Kg/Ha)	**878,85**	**832,60**	**790,97**	**753,30**	**719,06**

Costs Of Production	**R/Ha**
Labour	3 586,7790
Drying & Cutting	2 996,40
Fuel	6 551,19
Repairs & Maintenance	3 279,57
Interest	1 928,64



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