

ENTERPRISE BUDGET			
Classification	FYNBOS	Province	Western Cape
Enterprise Budget Name	Rooibos Organic- Yr 6	District	Overberg
Land Size	1 Hectare	Area	Bredasdorp
Date Developed	07-May-20	Date Updated	23 June 2022
Developer	Mzwanele Lingani	Updater	Mzwanele Lingani
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			249,94	3 551,65	14,21
Product Income					
Rooibos Tea Dried	Kg	14,21	249,94	3 551,65	14,21
MARKETING COSTS	Kg			0,00	0,00
GROSS INCOME minus MARKETING COSTS				3 551,65	14,21
TOTAL ALLOCATABLE VARIABLE COSTS				12 970,72	51,90
DIRECTLY ALLOCATABLE VARIABLE COSTS				2 934,76	11,74
A) PRE-HARVEST COST					
CASUAL LABOUR					
Casual Labour Weeding/Day	R/Manday	208,71	5,00	1 043,55	4,18
IRRIGATION & ELECRCITY				0,00	0,00
B) HARVEST COSTS				2 508,10	10,03
CASUAL LABOUR					
Casual Labour Harvesting/Day	R/Manday	208,71	4,87	1 016,42	4,07
DRYING & CUTTING COST					
Rooibos drying and cutting	KG	3,50	249,94	874,79	3,50
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				616,89	2,47

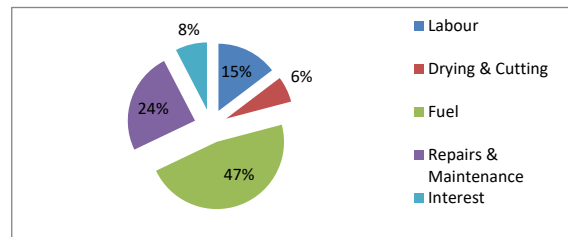
INDIRECTLY ALLOCATABLE VARIABLE COSTS			10 035,97	40,15
C) PRE-HARVEST COST				
Fuel	L	20,39	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS				
Fuel	L	20,39	6 601,83	26,41
Repairs & Maintenance			3 434,14	13,74
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			-9 419,08	-37,69
Interest on Working Capital			1 070,08	4,28
MARGIN ABOVE SPECIFIED COSTS			-10 489,16	-41,97

NOTES:

Interest Rate	8,25%
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 12,79	R 13,50	R 14,21	R 14,92	R 15,63
199,95	-R 11 484	-R 11 342	-R 11 199	-R 11 057	-R 10 915
224,95	-R 11 164	-R 11 004	-R 10 844	-R 10 685	-R 10 525
249,94	-R 10 844	-R 10 667	-R 10 489	-R 10 312	-R 10 134
274,93	-R 10 525	-R 10 329	-R 10 134	-R 9 939	-R 9 743
299,93	-R 10 205	-R 9 992	-R 9 779	-R 9 566	-R 9 353
BREAKEVEN YIELD (Kg/Ha)	1097,88	1040,10	988,09	941,04	898,27

Costs Of Production	R/Ha
Labour	2 059,9677
Drying & Cutting	874,79
Fuel	6 601,83
Repairs & Maintenance	3 434,14
Interest	1 070,08



Disclaimer

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