Western Cape Government

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

ENTERPRISE BUDGET

Classification	Apiculture	**Province**	Western Cape
Enterprise Budget Name	Honey bees	**District**	Cape Winelands
Hive number	168	**Area**	Koue Bokkeveld
Date Developed	18 March 2016	**Date Updated**	23 June 2025
Developer	Mzwanele Lingani	**Updater**	Nedzungani Nkhanedzeni
Soil Type	N/A		

Use this enterprise budget as an aid in the planning process.

	Unit	Price Per Unit	Quantity	Per 168 Hives	Value Per Yield Unit
GROSS INCOME			**2 520,00**	**201 600,00**	**80,00**
Product Income					
Honey	Kg	80,00	2 520,00	201 600,00	80,00
MARKETING COSTS				**0,00**	**0,00**
GROSS INCOME minus MARKETING COSTS				**201 600,00**	**80,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**60 221,66**	**23,90**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**57 402,42**	**22,78**
A)PRE-HARVEST COST					
PESTICIDES				**7 233,58**	
Anti Ant (Pro Tek)	G	1,98	1 200,00	2 373,85	0,94
Blue Death (Doom)	G	0,49	10 000,00	4 859,74	1,93
EXTRACTION				**37 800,00**	
Extraction cost	Each	15,00	2 520,000	37 800,00	15,00
LABOUR				**6 909,60**	
Casual Labour Bee-Hive Management	R/Manhour	28,79	240,00	6 909,60	2,74
TRANSPORT TO BUY INPUTS/HIVE MANAGEMENT				**2 004,44**	
Transport cost	Km	1,73	1 160,00	2 004,44	0,80
B) HARVEST COSTS				**3 454,80**	
Casual Labour Harvesting/Hour	R/Manhour	28,79	120,00	3 454,80	1,37
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**144 197,58**	**57,22**

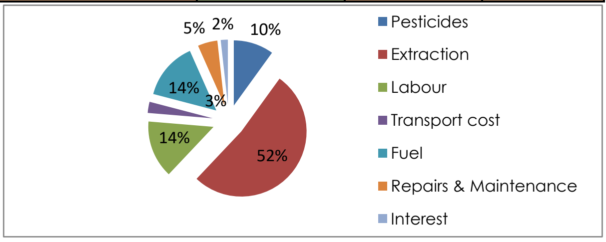
INDIRECTLY ALLOCATABLE VARIABLE COSTS			**2 819,24**	**1,12**
C)PRE-HARVEST COST				
Fuel	L	18,78	-	0,00
Repairs & Maintenance			-	0,00
D) HARVEST COSTS			**2819,24**	
Fuel	L	18,78	1544,24	0,61
Repairs & Maintenance			1275,00	0,51
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**141 378,34**	**56,10**
Interest on Working Capital			2 697,43	1,07
MARGIN ABOVE SPECIFIED COSTS			**138 680,91**	**55,03**

NOTES:	
Interest Rate	10,75%
Harvesting period (Months)	5

SENSITIVITY ANALYSIS

YIELD (KG/168 Beehives)	**PRICE (R/Kg)**				
YIELD CHANGE AT 10% INCREMENTS	**LESS 10%**	**LESS 5%**	**ACTUAL**	**ADD 5%**	**ADD 10%**
	R 72	**R 76**	**R 80**	**R 84**	**R 88**
2016,00	R 82 233	R 90 297	R 98 361	R 106 425	R 114 489
2268,00	R 100 377	R 109 449	R 118 521	R 127 593	R 136 665
2520,00	R 118 521	R 128 601	R 138 681	R 148 761	R 158 841
2772,00	R 136 665	R 147 753	R 158 841	R 169 929	R 181 017
3024,00	R 154 809	R 166 905	R 179 001	R 191 097	R 203 193
BREAKEVEN YIELD (KG/168 Hives)	**836,41**	**792,39**	**752,77**	**716,92**	**684,34**

Costs Of Production	**R/168 Hives**
Pesticides	7 233,58
Extraction	37 800,00
Labour	10 364,40
Transport cost	2 004,44
Fuel	10 364,40
Repairs & Maintenance	3548,68
Interest	1275,00



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