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	Pollination	**District**	Cape Winelands
Hive number	100	**Area**	Koue Bokkeveld
Date Developed	18 March 2016	**Date Updated**	23 June 2025
Developer	Mzwanele Lingani	**Updater**	Nkhanedzeni Nedzungani
Soil Type	N/A		

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

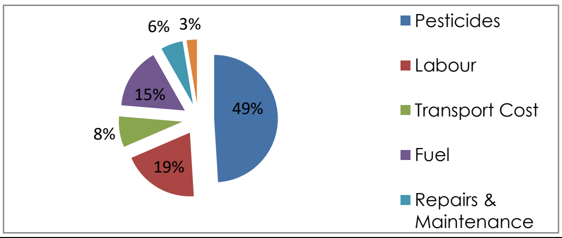
	Unit	Price Per Unit	Quantity	Per 100 Hives	Value Per Yield Unit
GROSS INCOME			**100,00**	**95 000,00**	**950,00**
Product Income					
Pollination	Hive/Pollination	950,00	100,00	95 000,00	950,00
Honey	Kg	80,00	0,00	0,00	0,00
MARKETING COSTS				**0,00**	**0,00**
GROSS INCOME minus MARKETING COSTS				**95 000,00**	**950,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**7 185,59**	**71,86**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**5 631,03**	**56,31**
A)PRE-HARVEST COST					
PESTICIDES				**3 616,79**	**36,17**
Anti Ant (Pro Tek)	G	1,98	600,00	1 186,92	11,87
Blue death (Doom)	G	0,49	5 000,00	2 429,87	24,30
LABOUR				**1 439,50**	**14,40**
Casual Labour Bee-Hive Management	R/Manhour	28,79	50,00	1 439,50	14,40
TRANSPORT TO BUY INPUTS/HIVE MANAGEMENT				**574,74**	**0,00**
Transport cost	Km	1,92	300,00	574,74	5,75
B) HARVEST COSTS					
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**89 368,97**	**893,69**

INDIRECTLY ALLOCATABLE VARIABLE COSTS			**1 554,56**	**15,55**
C)PRE-HARVEST COST				
Fuel	L	18,78	-	0,00
Repairs & Maintenance			-	0,00
D) HARVEST COSTS				
Fuel	L	18,78	1141,96	11,42
Repairs & Maintenance			412,60	4,13
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**87 814,41**	**878,14**
Interest on Working Capital			193,11	1,93
MARGIN ABOVE SPECIFIED COSTS			**87 621,30**	**876,21**

NOTES:	
Interest Rate	10,75%
Pollination period (Months)	3

SENSITIVITY ANALYSIS					
YIELD (Hives)	**PRICE (R/Hive)**				
YIELD CHANGE AT 10% INCREMENTS	**LESS 10%**	**LESS 5%**	**ACTUAL**	**ADD 5%**	**ADD 10%**
	R 855	**R 903**	**R 950**	**R 998**	**R 1 045**
80,00	R 61 021	R 64 821	R 68 621	R 72 421	R 76 221
90,00	R 69 571	R 73 846	R 78 121	R 82 396	R 86 671
100,00	R 78 121	R 82 871	R 87 621	R 92 371	R 97 121
110,00	R 86 671	R 91 896	R 97 121	R 102 346	R 107 571
120,00	R 95 221	R 100 921	R 106 621	R 112 321	R 118 021
BREAKEVEN YIELD (Hives)	**8,40**	**7,96**	**7,56**	**7,20**	**6,88**

Costs of Production	**R/100 Hives**
Pesticides	3 616,79
Labour	1 439,50
Transport Cost	574,74
Fuel	1 141,96
Repairs & Maintenance	412,60
Interest	193,11



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