

ENTERPRISE BUDGET			
Classification	Apiculture	Province	Western Cape
Enterprise Budget Name	Honey bees	District	Cape Winelands
Hive number	168	Area	Koue Bokkeveld
Date Developed	18-Mar-16	Date Updated	22-Jun-20
Soil Type	N/A	Budget ID	MzwaneleL/AthenkosiM

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	2520.00	201 600.00	80.00
MARKETING COSTS					
	Kg	0.00	2 520.00	0.00	0.00
GROSS INCOME minus MARKETING COSTS				201 600.00	80.00
TOTAL ALLOCATABLE VARIABLE COSTS				29 083.39	11.54
DIRECTLY ALLOCATABLE VARIABLE COSTS				27 213.36	10.80
A) PRE-HARVEST COST					
FEED					
Sugar	Ton	11026.2	0.21	2 315.50	0.92
PESTICIDES					
Anti Ant (Pro Tek)	G	1.26	1 200.00	1 511.10	0.60
Blue Death (Doom)	G	0.31	10 000.00	3 105.00	1.23
EXTRACTION					
Extraction cost	Each	5.00	2 520.00	12 600.00	5.00
LABOUR					
Casual labour bee-hive management	R/manhour	18.00	240.00	4 320.00	1.71
TRANSPORT TO BUY INPUTS/HIVE MANAGEMENT					
Transport cost	Km	1.04	1 160.00	1 201.76	0.48
B) HARVEST COSTS					
Casual Labour Harvesting	R/manhour	18.00	120.00	2 160.00	0.86
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				174 386.64	69.20
INDIRECTLY ALLOCATABLE VARIABLE COSTS				1 870.03	0.74
C) PRE-HARVEST COST					
Fuel	L	12.61		-	0.00
Repairs & Maintenance				-	0.00
D) HARVEST COSTS					
Fuel	L	12.61		964.77	0.38
Repairs & Maintenance				905.25	0.36
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				172 516.61	68.46
Interest on Working Capital				878.56	0.35
MARGIN ABOVE SPECIFIED COSTS				171 638.05	68.11

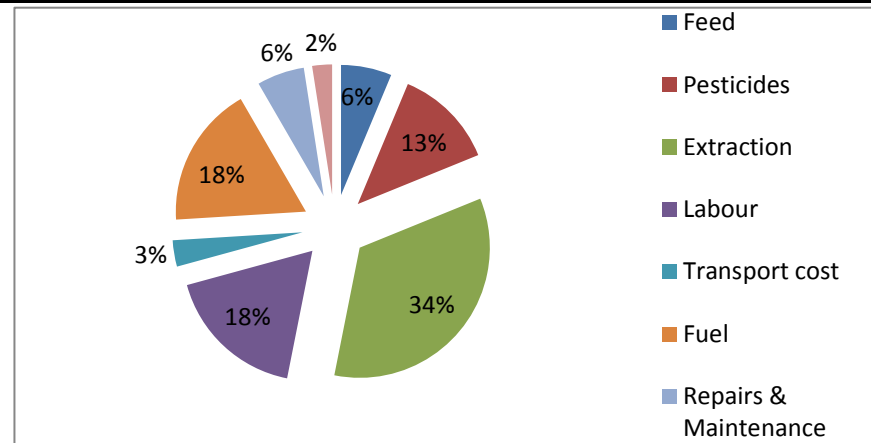
NOTES:

Interest Rate 7.25%
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 115 190	R 123 254	R 131 318	R 139 382	R 147 446
2268.00	R 133 334	R 142 406	R 151 478	R 160 550	R 169 622
2520.00	R 151 478	R 161 558	R 171 638	R 181 718	R 191 798
2772.00	R 169 622	R 180 710	R 191 798	R 202 886	R 213 974
3024.00	R 187 766	R 199 862	R 211 958	R 224 054	R 236 150
BREAKEVEN YIELD (KG/168 Hives)	403.94	382.68	363.54	346.23	330.49

Costs Of Production	R/168 Hives
Feed	2 315.50
Pesticides	4 616.10
Extraction	12 600.00
Labour	6 480.00
Transport cost	1 201.76
Fuel	6 480.00
Repairs & Maintenance	2166.53
Interest	905.25

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