

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	19 June 2023
Developer	Mzwanele Lingani	Updater	Nedzungani Nkhanedzeni
Soil Type	N/A		

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

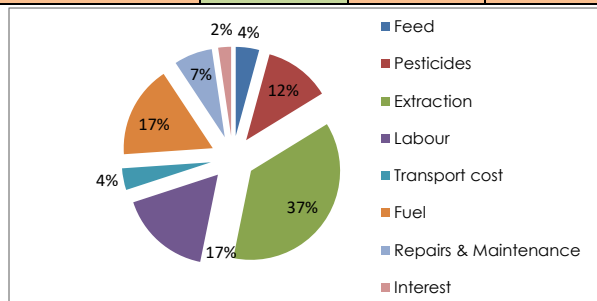
	Unit	Price Per Unit	Quantity	Per 168 Hives	Value Per Yield Unit
GROSS INCOME			2 520,00	189 000,00	75,00
Product Income					
Honey	Kg	75,00	2 520,00	189 000,00	75,00
MARKETING COSTS				0,00	0,00
GROSS INCOME minus MARKETING COSTS				189 000,00	75,00
TOTAL ALLOCATABLE VARIABLE COSTS				43 235,43	17,16
DIRECTLY ALLOCATABLE VARIABLE COSTS				40 306,91	15,99
A) PRE-HARVEST COST					
FEED					
Sugar	Ton	11 026	0,21	2 315,50	0,92
PESTICIDES					
Anti Ant (Pro Tek)	G	1,58	1 200,00	1 899,13	0,75
Blue Death (Doom)	G	0,46	10 000,00	4 634,78	1,84
EXTRACTION					
Extraction cost	Each	8,00	2 520,000	20 160,00	8,00
LABOUR					
Casual Labour Bee-Hive Management	R/Manhour	25,42	240,00	6 100,80	2,42
TRANSPORT TO BUY INPUTS/HIVE MANAGEMENT					
Transport cost	Km	1,85	1 160,00	2 146,29	0,85
B) HARVEST COSTS					
Casual Labour Harvesting/Hour	R/Manhour	25,42	120,00	3 050,40	1,21
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				148 693,09	59,01

INDIRECTLY ALLOCATABLE VARIABLE COSTS			2 928,53	1,16
C) PRE-HARVEST COST				
Fuel	L	20,11	-	0,00
Repairs & Maintenance			-	0,00
D) HARVEST COSTS				
Fuel	L	20,11	1 653,52	0,66
Repairs & Maintenance			1 275,00	0,51
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			145 764,57	57,84
Interest on Working Capital			2 116,73	0,84
MARGIN ABOVE SPECIFIED COSTS			143 647,83	57,00

NOTES:	
Interest Rate	11,75%
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 68	R 71	R 75	R 79	R 83
2016,00	R 90 728	R 98 288	R 105 848	R 113 408	R 120 968
2268,00	R 107 738	R 116 243	R 124 748	R 133 253	R 141 758
2520,00	R 124 748	R 134 198	R 143 648	R 153 098	R 162 548
2772,00	R 141 758	R 152 153	R 162 548	R 172 943	R 183 338
3024,00	R 158 768	R 170 108	R 181 448	R 192 788	R 204 128
BREAKEVEN YIELD (KG/168 Hives)	640,52	606,81	576,47	549,02	524,07

Costs Of Production	R/168 Hives
Feed	2 315,50
Pesticides	6 533,91
Extraction	20 160,00
Labour	9 151,20
Transport cost	2 146,29
Fuel	9 151,20
Repairs & Maintenance	3 799,81
Interest	1 275,00



Disclaimer

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