

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	20 June 2022
Developer	Mzwanele Lingani	Updater	Nedzungani Nkhanedzeni
Soil Type	N/A		

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

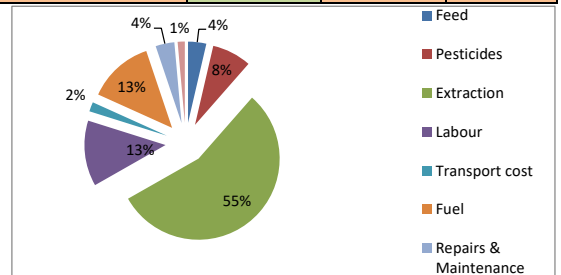
	Unit	Price Per Unit	Quantity	Per 168 Hives	Value Per Yield Unit
GROSS INCOME			2 520,00	189 000,00	75,00
Product Income					
Honey	Kg	75	2 520,00	189 000,00	75,00
MARKETING COSTS				0,00	0,00
GROSS INCOME minus MARKETING COSTS				189 000,00	75,00
TOTAL ALLOCATABLE VARIABLE COSTS				54 237,57	21,52
DIRECTLY ALLOCATABLE VARIABLE COSTS				52 142,18	20,69
A) PRE-HARVEST COST					
FEED					
Sugar	Ton	11 026	0,21	2 315,50	0,92
PESTICIDES					
Anti Ant (Pro Tek)	G	1,67	1 200,00	2 000,87	0,79
Blue Death (Doom)	G	0,30	10 000,00	2 995,65	1,19
EXTRACTION					
Extraction cost	Each	14,00	2 520,000	35 280,00	14,00
LABOUR					
Casual Labour Bee-Hive Management	R/Manhour	23,19	240,00	5 565,60	2,21
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/Hour	R/Manhour	23,19	120,00	2 782,80	1,10
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				136 857,82	54,31

INDIRECTLY ALLOCATABLE VARIABLE COSTS			2 095,39	0,83
C) PRE-HARVEST COST				
Fuel	L	20,39	-	0,00
Repairs & Maintenance			-	0,00
D) HARVEST COSTS				
Fuel	L	20,39	1 190,13	0,47
Repairs & Maintenance			905,25	0,36
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			134 762,43	53,48
Interest on Working Capital			1 864,42	0,74
MARGIN ABOVE SPECIFIED COSTS			132 898,01	52,74

NOTES:		
Interest Rate		8,25%
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 68	R 71	R 75	R 79	R 83
2016,00	R 79 978	R 87 538	R 95 098	R 102 658	R 110 218
2268,00	R 96 988	R 105 493	R 113 998	R 122 503	R 131 008
2520,00	R 113 998	R 123 448	R 132 898	R 142 348	R 151 798
2772,00	R 131 008	R 141 403	R 151 798	R 162 193	R 172 588
3024,00	R 148 018	R 159 358	R 170 698	R 182 038	R 193 378
BREAKEVEN YIELD (KG/168 Hives)	803,52	761,23	723,17	688,73	657,43

Costs Of Production	R/168 Hives
Feed	2 315,50
Pesticides	4 996,52
Extraction	35 280,00
Labour	8 348,40
Transport cost	1 201,76
Fuel	8 348,40
Repairs & Maintenance	2391,89
Interest	905,25



Disclaimer

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