

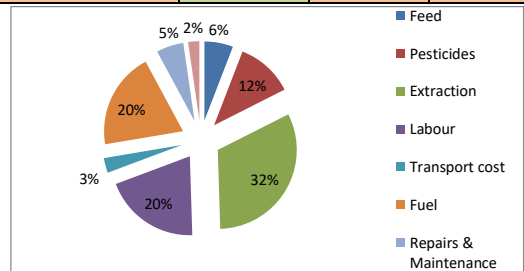
ENTERPRISE BUDGET					
Classification	Apiculture	Province	Western Cape		
Enterprise Budget Name	Honey bees	District	Cape Winelands		
Hive number	168	Area	Koue Bokkeveld		
Date Developed	18 March 2016	Date Updated	23 June 2021		
Developer	Mzwanele Lingani	Updater	Mzwanele Lingani		
Soil Type	N/A				
Use 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	214 200,00	85,00
Product Income					
Honey	Kg	85	2 520,00	214 200,00	85,00
MARKETING COSTS				0,00	0,00
GROSS INCOME minus MARKETING COSTS				214 200,00	85,00
TOTAL ALLOCATABLE VARIABLE COSTS				30 435,55	12,08
DIRECTLY ALLOCATABLE VARIABLE COSTS				28 535,58	11,32
A) PRE-HARVEST COST					
FEED					
Sugar	Ton	11 026	0,21	2 315,50	0,92
PESTICIDES					
Anti Ant (Pro Tek)	G	1,49	1 200,00	1 783,83	0,71
Blue Death (Doom)	G	0,28	10 000,00	2 826,09	1,12
EXTRACTION					
Extraction cost	Each	5,00	2 520,000	12 600,00	5,00
LABOUR					
Casual Labour Bee-Hive Management	R/Manhour	21,69	240,00	5 205,60	2,07
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	21,69	120,00	2 602,80	1,03
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				185 664,42	73,68

INDIRECTLY ALLOCATABLE VARIABLE COSTS			1 899,97	0,75
C) PRE-HARVEST COST				
Fuel	L	13,64	-	0,00
Repairs & Maintenance			-	0,00
D) HARVEST COSTS				
Fuel	L	13,64	994,72	0,39
Repairs & Maintenance			905,25	0,36
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			183 764,45	72,92
Interest on Working Capital			887,70	0,35
MARGIN ABOVE SPECIFIED COSTS			182 876,75	72,57

NOTES:	
Interest Rate	7,00%
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 77	R 81	R 85	R 89	R 94
2016,00	R 122 901	R 131 469	R 140 037	R 148 605	R 157 173
2268,00	R 142 179	R 151 818	R 161 457	R 171 096	R 180 735
2520,00	R 161 457	R 172 167	R 182 877	R 193 587	R 204 297
2772,00	R 180 735	R 192 516	R 204 297	R 216 078	R 227 859
3024,00	R 200 013	R 212 865	R 225 717	R 238 569	R 251 421
BREAKEVEN YIELD (KG/168 Hives)	397,85	376,91	358,07	341,01	325,51

Costs Of Production	R/168 Hives
Feed	2 315,50
Pesticides	4 609,91
Extraction	12 600,00
Labour	7 808,40
Transport cost	1 201,76
Fuel	7 808,40
Repairs & Maintenance	2196,48
Interest	905,25



Disclaimer

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