

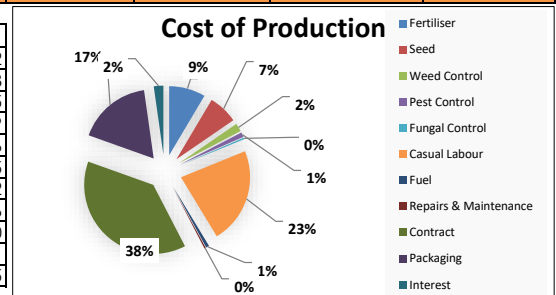
ENTERPRISE BUDGET					
Classification	Vegetable	Province	Western Cape		
Enterprise Budget Name	Green beans	District	Cape Winelands		
Land Size	1 Hectare	Area	Stellenbosch		
Date Developed	09 July 2018	Latest update	17 March 2025		
Developer	Mzwanele Lingani/Ayanda Saki	Updater	Nontembeko Mbusi		
Soil Type	Sandy-Loam				
Use this enterprise budget as an aid in the planning process.					
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			14 400,00	332 928,00	23,12
Product Income					
Green Beans Market	Kg	23,12	14 400,00	332 928,00	23,12
MARKETING COSTS Market	12,5%		1 800,00	41 616,00	2,89
GROSS INCOME minus MARKETING COSTS				291 312,00	20,23
TOTAL ALLOCATABLE VARIABLE COSTS				136 357,03	9,47
DIRECTLY ALLOCATABLE VARIABLE COSTS				134 857,36	9,37
A) PRE-HARVEST COST					
PLANTING MATERIAL				9 626,88	0,67
Green Beans (Star 2005)	Kg	220,80	43,60	9 626,88	0,67
FERTILISER				11 892,12	0,83
1:0:1 (36)	Kg	12,59	280,00	3 524,68	0,24
Lime Ammonium Nitrate (28)	Ton	9 252,21	0,35	3 238,27	0,22
2:3:2 (22)+ Zinc	Ton	16 082,29	0,23	3 747,17	0,26
Single Super Phosphate 10.5%	Ton	13 820,00	0,10	1 382,00	0,10
HERBICIDES				2 673,75	0,19
Glyphosate	L	106,95	25,00	2 673,75	0,19
PESTICIDES/INSECTICIDES				1 556,59	0,11
Beta-cyfluthrin	L	1 448,62	0,64	927,12	0,06
Lamda-cyhalothrin	L	212,21	0,11	23,34	0,00
Abamectin	L	150,65	1,50	225,97	0,02
Spinosad	L	253,44	1,50	380,16	0,03
FUNGICIDES				530,96	0,04
Mancozeb / Metalaxyl	Kg	252,41	1,29	325,61	0,02
Hexaconazole	L	171,12	1,20	205,34	0,01
CASUAL LABOUR				8 041,05	0,56
Casual Labour Planting/Hour	R/Manhour	28,79	73,00	2 101,67	0,15
Casual Labour Spraying/Hour	R/Manhour	28,79	30,30	872,34	0,06
Casual Labour Soil Prep/Hour	R/Manhour	28,79	149,33	4 299,21	0,30
Casual Labour Fertiliser Spread/Hour	R/Manhour	28,79	26,67	767,83	0,05
IRRIGATION & ELECIRICITY				0,00	0,00
B) HARVEST COSTS				23 319,90	1,62
Casual Labour Harvesting/Hour	R/Manhour	28,79	810,00	23 319,90	1,62
PACKAGING MATERIAL				24 128,61	1,68
Box (3.5KG)	Each	5,865	4 114,00	24 128,61	1,68
CONTRACT				53 087,50	3,69
Bakkie Hire	Trip	775	68,50	53 087,50	3,69
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				156 454,64	10,86

INDIRECTLY ALLOCATABLE VARIABLE COSTS			1 499,68	0,10
C) PRE-HARVEST COST				
Fuel	L	18,73	1 044,42	0,07
Repairs & Maintenance			455,26	0,03
D) HARVEST COSTS				
Fuel	L	18,73	0,00	0,00
Repairs & Maintenance			0,00	0,00
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			154 954,97	10,76
Interest on Working Capital			3 124,85	0,22
MARGIN ABOVE SPECIFIED COSTS			151 830,12	10,54

NOTES:				
Interest Rate		11,00%		
Growing period of Crop (Months)		2,5		

SENSITIVITY ANALYSIS					
YIELD (KG/ha)	PRICE (R/KG)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 20,81	R 21,96	R 23,12	R 24,28	R 25,43
11 520	R 58 610	R 71 927	R 85 245	R 98 562	R 111 879
12 960	R 88 574	R 103 556	R 118 537	R 133 519	R 148 501
14 400	R 118 537	R 135 184	R 151 830	R 168 477	R 185 123
15 840	R 148 501	R 166 812	R 185 123	R 203 434	R 221 745
17 280	R 178 464	R 198 440	R 218 416	R 238 391	R 258 367
BREAKEVEN YIELD (bunches/Ha)	8 703	8 245	7 833	7 460	7 121

Costs Of Production	R/Ha
Fertiliser	11 892,12
Seed	9 626,88
Weed Control	2 673,75
Pest Control	1 556,59
Fungal Control	530,96
Casual Labour	31 360,95
Fuel	1 044,42
Repairs & Maintenance	455,26
Contract	53 087,50
Packaging	24 128,61
Interest	3 124,85



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