

ENTERPRISE BUDGET

Classification	<i>Crocus sativus</i>	Province	South Africa
Enterprise Budget Name	Saffron- Year 3	District	South Africa
Land Size	1 Hectare	Area	Calvinia/ Williston/Touwsriver
Date Developed	31 May 2022	Latest update	14 June 2023
Developer	Lingani, M/Mtshiselwa, Z	Updater	Mtshiselwa Z
Soil Type	Sandy Loam		

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

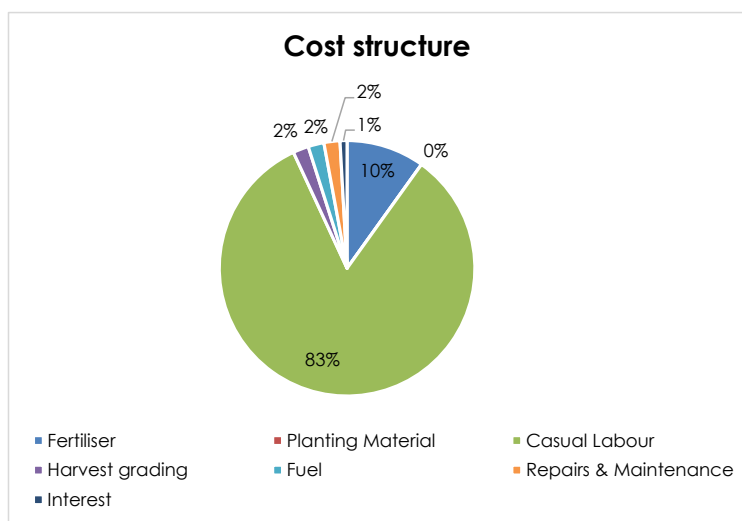
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			11 760,00	1 749 888,00	148,80
Product Income					
Saffron export (95%)	G	154,00	11 172,00	1 720 488,00	146,30
Saffron local (5%)	G	50,00	588,00	29 400,00	2,50
MARKETING COSTS Fresh Market	0,0%		0,00	0,00	0,00
GROSS INCOME minus MARKETING COSTS				1 749 888,00	148,80
TOTAL ALLOCATABLE VARIABLE COSTS				106 256,76	9,04
DIRECTLY ALLOCATABLE VARIABLE COSTS				102 896,45	8,75
A) PRE-HARVEST COST					
FERTILISER				2 254,00	0,06
Flamma	L	149,50	4,00	598,00	0,05
Flower Power	L	161,00	6,00	966,00	0,08
K-Phloem	L	115,00	6,00	690,00	0,06
HERBICIDES				0,00	0,00
PESTICIDES/INSECTICIDES				0,00	0,00
FUNGICIDES				0,00	0,00
B) HARVEST COSTS				84 076,65	7,15
Casual Labour Harvesting/Hour	R/Manhour	25,42	3 307,50	84 076,65	7,15
GRADING & TESTING				2 000,00	0,17
Harvest grading	R/Ha	2 000,00	1,00	2 000,00	0,17
PACKAGING MATERIAL				565,80	0,00
Glass Jar	Jar	23,575	24,00	565,80	0,00
ELECTRICITY COST				14 000,00	0,00
Electricity	R/Month	2 000,00	7,00	14 000,00	0,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				1 646 991,55	140,05

INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 360,31	0,29
C) PRE-HARVEST COST			0,00	0,00
Fuel	L	20,11	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS			3 360,31	0,29
Fuel	L	20,11	1 524,45	0,13
Repairs & Maintenance			1 835,86	0,16
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			1 643 631,24	139,76
Interest on Working Capital			1 352,56	0,12
MARGIN ABOVE SPECIFIED COSTS			1 642 278,68	139,65

NOTES:	
Interest Rate	11,75%
Growing period of Crop (Month)	1,3
Plants spacing	15 cm between rows & 11.1 cm between plants
Plant mortality	2%

SENSITIVITY ANALYSIS					
YIELD (G/ha)	PRICE (R/G)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 133,92	R 141,36	R 148,80	R 156,24	R 163,68
9 408,00	1 152 310	1 222 306	1 292 301	1 362 297	1 432 292
10 584,00	1 309 800	1 388 545	1 467 290	1 546 035	1 624 780
11 760,00	1 467 290	1 554 784	1 642 279	1 729 773	1 817 267
12 936,00	1 624 780	1 721 024	1 817 267	1 913 511	2 009 755
14 112,00	1 782 270	1 887 263	1 992 256	2 097 250	2 202 243
BREAKEVEN YIELD (KG/Ha)	803,53	761,24	723,18	688,74	657,44

Costs Of Production	R/Ha
Fertiliser	2 254,00
Planting Material	0,00
Casual Labour	84 076,65
Harvest grading	2 000,00
Fuel	1 524,45
Repairs & Maintenance	1 835,86
Interest	1 352,56



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