

ENTERPRISE BUDGET			
Classification	Agronomy	Province	Western Cape
Enterprise Budget Name	Barley (Dry land)	District	Overberg
Land Size	1 Hectare	Area	Cape Agulhas/Swellendam
Date Developed	12 February 2020	Latest update	N/A
Soil Type	Sandy-Clay	Budget ID	SinovuyoM

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			4,40	16 280,00	3 700,00
Product Income					
Barley	Ton	3700,00	4,40	16 280,00	3 700,00
MARKETING COSTS Market					
GROSS INCOME minus MARKETING COSTS				16 280,00	3 700,00
TOTAL ALLOCATABLE VARIABLE COSTS				8 641,31	1 963,93
DIRECTLY ALLOCATABLE VARIABLE COSTS				4 575,76	1 039,95
A) PRE-HARVEST COST					
PLANTING MATERIAL				585,29	133,02
Barley Seed	Kg	9,00	65,00	585,29	133,02
FERTILISER				2 000,60	
Mono Ammonium Phosphate	Ton	8 797,16	0,15	1 319,57	299,90
1:0:0 (40) +6% S	Ton	5 675,25	0,12	681,03	154,78
HERBICIDES				587,30	
Pyroxasulfone	L	138,00	0,50	69,00	15,68
MCPA	L	65,90	0,50	32,95	7,49
Pinoxaden	L	126,50	0,80	101,20	23,00
Trifluralin	L	92,00	1,80	165,60	37,64
Glyphosate 360 SL	L	80,67	2,00	161,35	36,67
Metolachlor	L	114,41	0,50	57,21	13,00
PESTICIDES/INSECTICIDES				294,42	
acetamiprid	KG	293,37	0,20	58,67	13,33
Omethoate	L	63,25	1,00	63,25	14,38
Dimethoate 400 EC	L	115,00	1,50	172,50	39,20
FUNGICIDES				1 108,14	
Pyraclostrobin	L	936,10	1,00	936,10	212,75
Tebuconazole 250 EW	L	430,10	0,40	172,04	39,10
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				11 704,24	2 660,05
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 065,55	923,99
B) PRE-HARVEST COST					
Fuel	L	13,91		943,66	214,47
Repairs & Maintenance				857,52	194,89
C) HARVEST COSTS					
Fuel	L	13,91		1190,81	270,64
Repairs & Maintenance				1073,55	243,99
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				7 638,69	1 736,07
Interest on Working Capital				351,05	79,78
MARGIN ABOVE SPECIFIED COSTS				7 287,64	1 656,28

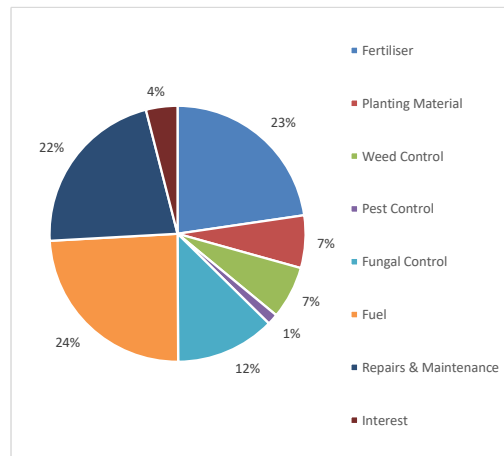
NOTES:

Interest Rate 9,75%
 Growing period of Crop (Months) 5

SENSITIVITY ANALYSIS

YIELD (KG/ha)	PRICE (R/KG)				
	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
YIELD CHANGE AT 10% INCREMENTS	R 3 330,00	R 3 515,00	R 3 700,00	R 3 885,00	R 4 070,00
4	R 2 729	R 3 380	R 4 032	R 4 683	R 5 334
4	R 4 194	R 4 927	R 5 660	R 6 392	R 7 125
4	R 5 660	R 6 474	R 7 288	R 8 102	R 8 916
5	R 7 125	R 8 020	R 8 916	R 9 811	R 10 706
5	R 8 590	R 9 567	R 10 544	R 11 520	R 12 497
BREAKEVEN YIELD (KG/Ha)	3	3	2	2	2

Costs Of Production	R/Ha
Fertiliser	2 000,60
Planting Material	585,29
Weed Control	587,30
Pest Control	121,92
Fungal Control	1 108,14
Fuel	2 134,47
Repairs & Maintenance	1 931,07
Interest	351,05

**Disclaimer**

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