

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	11 November 2024
Developer	Sinovuyo Magqibelo	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Clay		

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	21 120,00	4 800,00
Product Income					
Barley	Ton	4 800,00	4,40	21 120,00	4 800,00
MARKETING COSTS Market					
GROSS INCOME minus MARKETING COSTS				21 120,00	4 800,00
TOTAL ALLOCATABLE VARIABLE COSTS				16 598,51	3 772,39
DIRECTLY ALLOCATABLE VARIABLE COSTS				11 831,94	2 689,08
A) PRE-HARVEST COST					
PLANTING MATERIAL				1 046,50	237,84
Barley Seed	Kg	16,10	65,00	1 046,50	237,84
FERTILISER				6 801,72	1 545,85
Mono Ammonium Phosphate	Ton	35 480,00	0,15	5 322,00	1 209,55
1:0:0 (40) +6% S	Kg	12,33	120,00	1 479,72	336,30
HERBICIDES				1 347,80	306,32
Pyroxasulfone	L	263,14	0,50	131,57	29,90
MCPA	L	103,44	0,50	51,72	11,75
Pinoxaden	L	642,85	0,80	514,28	116,88
Trifluralin	L	123,34	1,80	222,01	50,46
Glyphosate 360 SL	L	95,57	2,00	191,15	43,44
Metolachlor	L	474,15	0,50	237,07	53,88
PESTICIDES/INSECTICIDES				919,28	208,93
Acetamiprid	Kg	209,09	0,20	41,82	9,50
Omethoate	L	642,24	1,00	642,24	145,96
Dimethoate 400 EC	L	156,81	1,50	235,22	53,46
FUNGICIDES				1 716,64	390,15
Pyraclostrobin	L	1 472,00	1,00	1 472,00	334,55
Tebuconazole 250 EW	L	611,60	0,40	244,64	55,60
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				9 288,06	2 110,92

INDIRECTLY ALLOCATABLE VARIABLE COSTS**4 766,58****1 083,31****B) PRE-HARVEST COST**

Fuel	L	19,99	1 356,32	308,25
Repairs & Maintenance			752,22	170,96

C) HARVEST COSTS

Fuel	L	19,99	1 682,35	382,35
Repairs & Maintenance			975,68	221,75

GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS**4 521,49****1 027,61**

Interest on Working Capital			778,06	176,83
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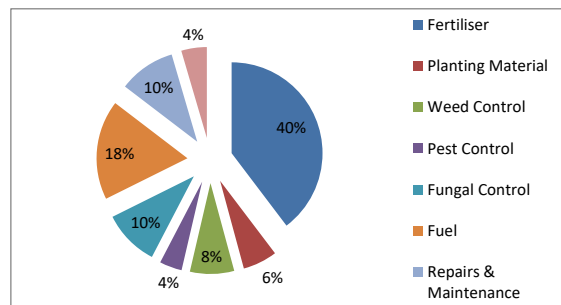
MARGIN ABOVE SPECIFIED COSTS**3 743,43****850,78****NOTES:**

Interest Rate	11,25%
Growing period of Crop (Months)	5

SENSITIVITY ANALYSIS

YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 4 320,00	R 4 560,00	R 4 800,00	R 5 040,00	R 5 280,00
3,52	-R 2 170	-R 1 325	-R 481	R 364	R 1 209
3,96	-R 269	R 681	R 1 631	R 2 582	R 3 532
4,40	R 1 631	R 2 687	R 3 743	R 4 799	R 5 855
4,84	R 3 532	R 4 694	R 5 855	R 7 017	R 8 179
5,28	R 5 433	R 6 700	R 7 967	R 9 235	R 10 502
BREAKEVEN YIELD (Ton/Ha)	4,02	3,81	3,62	3,45	3,29

Costs Of Production	R/Ha
Fertiliser	6 801,72
Planting Material	1 046,50
Weed Control	1 347,80
Pest Control	684,06
Fungal Control	1 716,64
Fuel	3 038,67
Repairs & Maintenance	1 727,91
Interest	778,06

**Disclaimer**

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