

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 Estimated Costs and Returns per Acre
Malting Barley
Central Texas Extension District - 8

Crop Acres		200			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Malting Barley	60.00	Bushel	\$4.00	\$240.00	\$48,000.00
Total Revenue				\$240.00	\$48,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Weed Burndown	32	Ounce	\$0.20	\$6.40	\$1,280.00
Peak	0.45	Ounce	\$15.00	\$6.75	\$1,350.00
Fertilizer					
46-0-0	106	Pound	\$0.20	\$21.20	\$4,240.00
18-46-0	50	Pound	\$0.26	\$13.00	\$2,600.00
Seed					
Barley Seed	50	Pound	\$0.35	\$17.50	\$3,500.00
Miscellaneous					
Insurance - Barley 65%	1	Acre	\$7.00	\$7.00	\$1,400.00
Insurance - Barley SCO	1	Acre	\$2.00	\$2.00	\$400.00
Insecticide					
Insecticide Greenbug	1	Acre	\$4.50	\$4.50	\$900.00
Custom					
Custom Combine	1	Acre	\$30.00	\$30.00	\$6,000.00
Custom Hauling Barley	60	Bushel	\$0.24	\$14.40	\$2,880.00
Machinery Labor					
Tractors/Self-Propelled	0.91	Hour	\$10.00	\$9.10	\$1,820.00
Diesel Fuel					
Tractors/Self-Propelled	5.95	Gallon	\$2.85	\$16.96	\$3,391.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$10.83	\$10.83	\$2,165.88
Implements	1	Acre	\$16.56	\$16.56	\$3,312.08
Interest on Credit Line			4.75%	\$3.38	\$676.62
Total Variable Costs				\$179.58	\$35,916.08
Planned Returns Above Variable Costs:				\$60.42	\$12,083.92
Breakeven Price to Cover Variable Costs			\$2.99	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$11.19	\$11.19	\$2,238.08
Implements	1	Acre	\$19.54	\$19.54	\$3,908.70
Equipment Investment					
Tractors/Self-Propelled	\$87.18	Dollars	6.00%	\$5.23	\$1,046.12
Implements	\$87.37	Dollars	6.00%	\$5.24	\$1,048.38
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$6,000.00
Total Fixed Costs				\$71.21	\$14,241.28
Total Specified Costs				\$250.79	\$50,157.36
Returns Above Specified Costs				(\$10.79)	(\$2,157.36)
Breakeven Price to Cover Total Costs			\$4.18	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$3.99	\$5.57
90%	54.00	\$3.33	\$4.64
100%	60.00	\$2.99	\$4.18
110%	66.00	\$2.72	\$3.80
125%	75.00	\$2.39	\$3.34

Developed by Jason Johnson, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 254-968-4144.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.