

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 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	\$4.50	\$270.00	\$54,000.00
Total Revenue				\$270.00	\$54,000.00
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	\$25.00	\$25.00	\$5,000.00
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	\$2.40	\$14.28	\$2,856.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$10.04	\$10.04	\$2,008.24
Implements	1	Acre	\$16.48	\$16.48	\$3,296.58
Interest on Credit Line			4.75%	\$3.28	\$655.26
Total Variable Costs				\$170.93	\$34,186.08
Planned Returns Above Variable Costs:				\$99.07	\$19,813.92
Breakeven Price to Cover Variable Costs			\$2.85	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.38	\$10.38	\$2,075.18
Implements	1	Acre	\$19.49	\$19.49	\$3,897.13
Equipment Investment					
Tractors/Self-Propelled	\$80.83	Dollars	6.00%	\$4.85	\$969.98
Implements	\$87.12	Dollars	6.00%	\$5.23	\$1,045.41
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$6,000.00
Total Fixed Costs				\$69.94	\$13,987.71
Total Specified Costs				\$240.87	\$48,173.79
Returns Above Specified Costs				\$29.13	\$5,826.21
Breakeven Price to Cover Total Costs			\$4.01	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$3.80	\$5.35
90%	54.00	\$3.17	\$4.46
100%	60.00	\$2.85	\$4.01
110%	66.00	\$2.59	\$3.65
125%	75.00	\$2.28	\$3.21

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.