

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2017 Estimated Costs and Returns per Acre**  
**Malting Barley - 200 Acres**  
**Central Texas Extension District - 8**

Crop Acres	200				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total
Malting Barley	60.00	Bushel	\$4.50	\$270.00	\$54,000.00
<b>Total Revenue</b>				<b>\$270.00</b>	<b>\$54,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Custom Combine	1	Acre	\$25.00	\$25.00	\$5,000.00
Custom Hauling Barley	60	Bushel	\$0.24	\$14.40	\$2,880.00
Fertilizer					
46-0-0	106	Pound	\$0.17	\$18.02	\$3,604.00
18-46-0	50	Pound	\$0.23	\$11.50	\$2,300.00
Herbicide					
Weed Burndown	32	Ounce	\$0.20	\$6.40	\$1,280.00
Peak	0.45	Ounce	\$15.00	\$6.75	\$1,350.00
Insecticide					
Insecticide Greenbug	1	Acre	\$4.50	\$4.50	\$900.00
Miscellaneous					
Insurance - Barley 65%	1	Acre	\$7.00	\$7.00	\$1,400.00
Insurance - Barley SCO	1	Acre	\$2.00	\$2.00	\$400.00
Seed					
Barley Seed	50	Pound	\$0.35	\$17.50	\$3,500.00
Machinery Labor					
Tractors/Self-Propelled	0.91	Hour	\$10.00	\$9.10	\$1,820.00
Diesel Fuel					
Tractors/Self-Propelled	5.95	Gallon	\$2.65	\$15.77	\$3,153.50
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$10.37	\$10.37	\$2,073.15
Implements	1	Acre	\$14.24	\$14.24	\$2,847.16
Interest on Credit Line			4.75%	\$2.89	\$578.49
<b>Total Variable Costs</b>				<b>\$165.43</b>	<b>\$33,086.30</b>
Planned Returns Above Variable Costs:				\$104.57	\$20,913.70
Breakeven Price to Cover Variable Costs			\$2.76	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$10.71	\$10.71	\$2,142.26
Implements	1	Acre	\$16.84	\$16.84	\$3,368.37
Equipment Investment					
Tractors/Self-Propelled	\$83.44	Dollars	6.00%	\$5.01	\$1,001.33
Implements	\$75.81	Dollars	6.00%	\$4.55	\$909.70
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$6,000.00
<b>Total Fixed Costs</b>				<b>\$67.11</b>	<b>\$13,421.66</b>
<b>Total Specified Costs</b>				<b>\$232.54</b>	<b>\$46,507.96</b>
Returns Above Specified Costs				\$37.46	\$7,492.04
<b>Breakeven Price to Cover Total Costs</b>			<b>\$3.88</b>	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$3.68	\$5.17
90%	54.00	\$3.06	\$4.31
100%	60.00	\$2.76	\$3.88
110%	66.00	\$2.51	\$3.52
125%	75.00	\$2.21	\$3.10

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.**