

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 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	\$5.00	\$300.00	\$60,000.00
<b>Total Revenue</b>				<b>\$300.00</b>	<b>\$60,000.00</b>
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	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	\$0.60	\$63.60	\$12,720.00
Herbicide					
Weed Burndown	10	Ounce	\$0.24	\$2.40	\$480.00
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	\$9.54	\$9.54	\$1,907.51
Implements	1	Acre	\$12.39	\$12.39	\$2,477.97
Interest on Credit Line			4.75%	\$3.19	\$638.99
<b>Total Variable Costs</b>				<b>\$193.14</b>	<b>\$38,627.98</b>
Planned Returns Above Variable Costs:				\$106.86	\$21,372.02
Breakeven Price to Cover Variable Costs			\$3.22	Bushel	
				Enterprise	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$9.86	\$9.86	\$1,971.10
Implements	1	Acre	\$14.54	\$14.54	\$2,908.94
Equipment Investment					
Tractors/Self-Propelled	\$76.78	Dollars	6.00%	\$4.61	\$921.33
Implements	\$66.80	Dollars	6.00%	\$4.01	\$801.66
Dryland Crop Rent	1	Acre	\$30.00	\$30.00	\$6,000.00
<b>Total Fixed Costs</b>				<b>\$63.02</b>	<b>\$12,603.02</b>
<b>Total Specified Costs</b>				<b>\$256.15</b>	<b>\$51,231.00</b>
Returns Above Specified Costs				\$43.85	\$8,769.00
<b>Breakeven Price to Cover Total Costs</b>			<b>\$4.27</b>	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	45.00	\$4.29	\$5.69
90%	54.00	\$3.58	\$4.74
100%	60.00	\$3.22	\$4.27
110%	66.00	\$2.93	\$3.88
125%	75.00	\$2.58	\$3.42

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

**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.**