

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2018 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	\$0.17	\$18.02	\$3,604.00
	18-46-0	50	Pound	\$0.23	\$11.50	\$2,300.00
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	\$10.50	\$10.50	\$2,099.33
	Implements	1	Acre	\$14.99	\$14.99	\$2,998.41
Interest on Credit Line				4.75%	\$3.15	\$629.78
Total Variable Costs					\$165.09	\$33,017.52
Planned Returns Above Variable Costs:					\$104.91	\$20,982.48
Breakeven Price to Cover Variable Costs				\$2.75	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$10.85	\$10.85	\$2,169.30
	Implements	1	Acre	\$17.67	\$17.67	\$3,533.36
Equipment Investment						
	Tractors/Self-Propelled	\$84.50	Dollars	6.00%	\$5.07	\$1,013.98
	Implements	\$79.34	Dollars	6.00%	\$4.76	\$952.05
Dryland Crop Rent						
		1	Acre	\$30.00	\$30.00	\$6,000.00
Total Fixed Costs					\$68.34	\$13,668.69
Total Specified Costs					\$233.43	\$46,686.20
Returns Above Specified Costs					\$36.57	\$7,313.80
Breakeven Price to Cover Total Costs				\$3.89	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	45.00	\$3.67	\$5.19
90%	54.00	\$3.06	\$4.32
100%	60.00	\$2.75	\$3.89
110%	66.00	\$2.50	\$3.54
125%	75.00	\$2.20	\$3.11

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.