

**2022 Estimated Costs and Returns per Acre  
Irrigated Malting Barley  
Southwest Extension District - 10**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Malting Barley	1.92	Ton	\$183.33	\$351.99	\$42,943.22		
<b>Total Revenue</b>				<b>\$351.99</b>	<b>\$42,943.22</b>		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
<b>Production Costs</b>							
Herbicide							
2, 4-D Amine 4	16	Ounce	\$0.15	\$2.37	\$288.99		
Seed							
Malting Barley Seed	60	Pound	\$0.80	\$48.00	\$5,856.00		
Fertilizer							
UAN(32% N)	2	CWT	\$17.08	\$34.16	\$4,167.52		
Fertilizer 18-46-0	87	Pound	\$0.35	\$30.45	\$3,714.90		
Custom							
Haul Barley	1.58	Ton	\$5.85	\$9.24	\$1,127.65		
Miscellaneous							
Crop Insurance - M. Barley Irrigated	1	Acre	\$27.00	\$27.00	\$3,294.00		
Miscellaneous Barley Overhead	1	Acre	\$4.00	\$4.00	\$488.00		
Insecticide							
Lorsban 4E	1	Pint	\$4.52	\$4.52	\$551.32		
Fungicides							
Quilt	10.5	Ounce	\$1.43	\$15.06	\$1,837.43		
Other Labor							
Hand Labor	0.1167	Hour	\$8.50	\$0.99	\$121.02		
Irrigation							
Energy Cost	396.00	kWh	\$0.17	\$67.32	\$8,213.04		
Irrigation Labor	0.05	Hour	\$16.38	\$0.79	\$95.92		
Machinery Labor							
Tractors/Self-Propelled	0.57	Hour	\$16.12	\$9.19	\$1,120.98		
Other Labor	0.19	Hour	\$16.12	\$3.06	\$373.66		
Diesel Fuel							
Tractors/Self-Propelled	4.33	Gallon	\$2.67	\$11.56	\$1,410.45		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$24.19	\$24.19	\$2,951.61		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$4.84	\$4.84	\$590.37		
Irrigation Equipment	1	Acre	\$3.73	\$3.73	\$455.39		
Tractors/Self-Propelled	1	Acre	\$16.10	\$16.10	\$1,964.77		
Implements	1	Acre	\$8.96	\$8.96	\$1,093.02		
Interest on Credit Line			6.30%	\$8.63	\$1,053.46		
<b>Total Variable Costs</b>				<b>\$334.18</b>	<b>\$40,769.50</b>		
<b>Planned Returns Above Variable Costs:</b>				<b>\$17.82</b>	<b>\$2,173.72</b>		
Breakeven Price to Cover Variable Costs			\$174.05	Ton			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85		
Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25		
Tractors/Self-Propelled	1	Acre	\$16.35	\$16.35	\$1,994.94		
Implements	1	Acre	\$11.60	\$11.60	\$1,414.63		
Equipment Investment							
Pickup/General Use Equipment	\$105.02	Dollars	6.30%	\$6.62	\$807.15		
Irrigation Equipment	\$646.00	Dollars	6.30%	\$40.70	\$4,965.19		
Tractors/Self-Propelled	\$124.51	Dollars	6.30%	\$7.84	\$957.00		
Implements	\$54.18	Dollars	6.30%	\$3.41	\$416.41		
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00		
<b>Total Fixed Costs</b>				<b>\$242.31</b>	<b>\$29,561.41</b>		
<b>Total Specified Costs</b>				<b>\$576.48</b>	<b>\$70,330.91</b>		
<b>Returns Above Specified Costs</b>				<b>(\$224.49)</b>	<b>(\$27,387.69)</b>		
<b>Breakeven Price to Cover Total Costs</b>			<b>\$300.25</b>	Ton			

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

*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.*