

**2023 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	\$200.00	\$384.00	\$46,848.00		
<b>Total Revenue</b>				<b>\$384.00</b>	<b>\$46,848.00</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	\$17.50	\$0.84	\$102.48		
Machinery Labor							
Tractors/Self-Propelled	0.57	Hour	\$17.21	\$9.81	\$1,196.78		
Other Labor	0.19	Hour	\$17.21	\$3.27	\$398.93		
Diesel Fuel							
Tractors/Self-Propelled	4.33	Gallon	\$2.24	\$9.70	\$1,183.30		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$20.23	\$20.23	\$2,467.54		
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			8.00%	\$10.77	\$1,313.55		
<b>Total Variable Costs</b>				<b>\$331.36</b>	<b>\$40,425.99</b>		
Planned Returns Above Variable Costs:				\$52.64	\$6,422.01		
Breakeven Price to Cover Variable Costs			\$172.58	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	8.00%	\$8.40	\$1,024.95		
Irrigation Equipment	\$646.00	Dollars	8.00%	\$51.68	\$6,305.00		
Tractors/Self-Propelled	\$124.51	Dollars	8.00%	\$9.96	\$1,215.24		
Implements	\$54.18	Dollars	8.00%	\$4.33	\$528.78		
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00		
<b>Total Fixed Costs</b>				<b>\$258.11</b>	<b>\$31,489.63</b>		
<b>Total Specified Costs</b>				<b>\$589.47</b>	<b>\$71,915.63</b>		
Returns Above Specified Costs				(\$205.47)	(\$25,067.63)		
Breakeven Price to Cover Total Costs			\$307.02	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.*