

**2021 Estimated Costs and Returns per Acre
Irrigated Malting Barley
Southwest Extension District - 10**

| Crop Acres | | 122 | | | | Enterprise |
|---|----------|---------|-----------------|-------------------|----------------------|--------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Total | Total |
| Malting Barley | 1.92 | Ton | \$183.33 | \$351.99 | \$42,943.22 | \$42,943.22 |
| Total Revenue | | | | \$351.99 | \$42,943.22 | \$42,943.22 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Total | Enterprise |
| Production Costs | | | | | | |
| 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 | \$12.20 | \$24.40 | \$2,976.80 | |
| Fertilizer 18-46-0 | 87 | Pound | \$0.25 | \$21.32 | \$2,600.43 | |
| 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 | \$11.00 | \$0.53 | \$64.42 | |
| Machinery Labor | | | | | | |
| Tractors/Self-Propelled | 0.85 | Hour | \$12.00 | \$10.20 | \$1,244.40 | |
| Other Labor | 0.28 | Hour | \$8.50 | \$2.38 | \$290.36 | |
| Diesel Fuel | | | | | | |
| Tractors/Self-Propelled | 7.94 | Gallon | \$2.00 | \$15.88 | \$1,937.36 | |
| Gasoline | | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$18.39 | \$18.39 | \$2,243.22 | |
| 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 | \$28.76 | \$28.76 | \$3,508.66 | |
| Implements | 1 | Acre | \$17.49 | \$17.49 | \$2,133.84 | |
| Interest on Credit Line | | | 6.50% | \$8.92 | \$1,088.81 | |
| Total Variable Costs | | | | \$335.34 | \$40,911.50 | \$40,911.50 |
| Planned Returns Above Variable Costs: | | | | \$16.65 | \$2,031.72 | |
| Breakeven Price to Cover Variable Costs | | | \$174.66 | Ton | | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | 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 | \$29.61 | \$29.61 | \$3,612.34 | |
| Implements | 1 | Acre | \$21.91 | \$21.91 | \$2,673.30 | |
| Equipment Investment | | | | | | |
| Pickup/General Use Equipment | \$105.02 | Dollars | 6.50% | \$6.83 | \$832.77 | |
| Irrigation Equipment | \$646.00 | Dollars | 6.50% | \$41.99 | \$5,122.81 | |
| Tractors/Self-Propelled | \$225.40 | Dollars | 6.50% | \$14.65 | \$1,787.43 | |
| Implements | \$102.27 | Dollars | 6.50% | \$6.65 | \$811.01 | |
| Irrigated Winter Garden Rent | 1 | Acre | \$50.00 | \$50.00 | \$6,100.00 | |
| Total Fixed Costs | | | | \$277.42 | \$33,845.76 | \$33,845.76 |
| Total Specified Costs | | | | \$612.76 | \$74,757.26 | \$74,757.26 |
| Returns Above Specified Costs | | | | (\$260.77) | (\$31,814.04) | |
| Breakeven Price to Cover Total Costs | | | \$319.15 | 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.