

**2023 Estimated Costs and Returns per Acre
Irrigated Onions
Southwest Extension District - 10**

Crop Acres		122				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Onions	700.00	Bags	\$10.00	\$7,000.00	\$854,000.00		
Total Revenue				\$7,000.00	\$854,000.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Production Costs							
Fertilizer							
UAN(32% N)	0.34	CWT	\$17.08	\$5.81	\$708.48		
Fertilizer 18-46-0	217	Pound	\$0.35	\$75.95	\$9,265.90		
N-32 in Water	156	Pound	\$0.17	\$26.21	\$3,197.38		
Custom							
Harvest/Pack/Market Onions	700	Bag	\$4.02	\$2,814.00	\$343,308.00		
Insecticide							
Mustang Max	15	Ounce	\$1.44	\$21.56	\$2,630.63		
Seed							
Onion Seed	2	Pound	\$310.50	\$621.00	\$75,762.00		
Miscellaneous							
Miscellaneous Onion Overhead	1	Acre	\$4.00	\$4.00	\$488.00		
Crop Insurance - Onions	1	Acre	\$644.00	\$644.00	\$78,568.00		
Herbicide							
Prefar	18	Quart	\$17.44	\$313.88	\$38,292.75		
Fungicides							
Echo 720	9	Pint	\$5.70	\$51.30	\$6,258.60		
Other Labor							
Hand Labor	4.375	Hour	\$8.50	\$37.19	\$4,536.88		
Irrigation							
Energy Cost	1584.00	kWh	\$0.17	\$269.28	\$32,852.16		
Irrigation Labor	0.19	Hour	\$17.50	\$3.36	\$409.92		
Machinery Labor							
Tractors/Self-Propelled	1.31	Hour	\$17.21	\$22.55	\$2,750.50		
Other Labor	0.04	Hour	\$17.21	\$0.69	\$83.98		
Diesel Fuel							
Tractors/Self-Propelled	9.76	Gallon	\$2.24	\$21.86	\$2,667.21		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$33.04	\$33.04	\$4,031.20		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$7.91	\$7.91	\$964.48		
Irrigation Equipment	1	Acre	\$14.93	\$14.93	\$1,821.55		
Tractors/Self-Propelled	1	Acre	\$25.40	\$25.40	\$3,098.21		
Implements	1	Acre	\$18.20	\$18.20	\$2,220.24		
Interest on Credit Line			8.00%	\$91.24	\$11,131.55		
Total Variable Costs				\$5,123.34	\$625,047.62		
Planned Returns Above Variable Costs:				\$1,876.66	\$228,952.38		
Breakeven Price to Cover Variable Costs			\$7.32	Bags			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$41.18	\$41.18	\$5,023.35		
Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25		
Tractors/Self-Propelled	1	Acre	\$29.70	\$29.70	\$3,623.67		
Implements	1	Acre	\$21.48	\$21.48	\$2,620.65		
Equipment Investment							
Pickup/General Use Equipment	\$171.56	Dollars	8.00%	\$13.73	\$1,674.45		
Irrigation Equipment	\$646.00	Dollars	8.00%	\$51.68	\$6,305.00		
Tractors/Self-Propelled	\$229.73	Dollars	8.00%	\$18.38	\$2,242.18		
Implements	\$93.26	Dollars	8.00%	\$7.46	\$910.17		
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00		
Total Fixed Costs				\$314.19	\$38,330.72		
Total Specified Costs				\$5,437.53	\$663,378.33		
Returns Above Specified Costs				\$1,562.47	\$190,621.67		
Breakeven Price to Cover Total Costs			\$7.77	Bags			

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.