

**2024 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	\$3.60	\$35.14	\$4,286.59	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$49.80	\$49.80	\$6,075.73	
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%	\$92.58	\$11,294.35	
Total Variable Costs				\$5,154.71	\$628,874.33	
Planned Returns Above Variable Costs:				\$1,845.29	\$225,125.67	
Breakeven Price to Cover Variable Costs			\$7.36	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				\$5,468.89	\$667,205.05	
Returns Above Specified Costs				\$1,531.11	\$186,794.95	
Breakeven Price to Cover Total Costs			\$7.81	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.