

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2025 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	Enterprise
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	
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	\$3.00	\$29.28	\$3,572.16	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$43.48	\$43.48	\$5,304.21	
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			8.60%	\$98.93	\$12,069.83	
Total Variable Costs				\$5,148.88	\$628,163.85	
Planned Returns Above Variable Costs:				\$1,851.12	\$225,836.15	
Breakeven Price to Cover Variable Costs			\$7.36	Bags		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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	8.60%	\$14.75	\$1,800.03	
Irrigation Equipment	\$646.00	Dollars	8.60%	\$55.56	\$6,777.88	
Tractors/Self-Propelled	\$229.73	Dollars	8.60%	\$19.76	\$2,410.34	
Implements	\$93.26	Dollars	8.60%	\$8.02	\$978.44	
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00	
Total Fixed Costs				\$321.03	\$39,165.60	
Total Specified Costs				\$5,469.91	\$667,329.45	
Returns Above Specified Costs				\$1,530.09	\$186,670.55	
Breakeven Price to Cover Total Costs			\$7.81	Bags		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bags	To Cover Variable Costs	To Cover Total Costs
75%	525.00	\$9.81	\$10.42
90%	630.00	\$8.17	\$8.68
100%	700.00	\$7.36	\$7.81
110%	770.00	\$6.69	\$7.10
125%	875.00	\$5.88	\$6.25

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, 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.**