

**2021 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	\$12.20	\$4.15	\$506.06
Fertilizer 18-46-0	217	Pound	\$0.25	\$53.17	\$6,486.13
N-32 in Water	156	Pound	\$0.12	\$19.03	\$2,321.90
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	\$11.00	\$2.11	\$257.66
Machinery Labor					
Tractors/Self-Propelled	2.17	Hour	\$12.00	\$26.04	\$3,176.88
Other Labor	0.23	Hour	\$8.50	\$1.96	\$238.51
Diesel Fuel					
Tractors/Self-Propelled	18.55	Gallon	\$2.00	\$37.10	\$4,526.20
Gasoline					
Pickup/General Use Equipment	1	Acre	\$30.04	\$30.04	\$3,664.73
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	\$45.31	\$45.31	\$5,527.25
Implements	1	Acre	\$32.98	\$32.98	\$4,023.92
Interest on Credit Line			6.50%	\$74.41	\$9,078.15
Total Variable Costs				\$5,125.33	\$625,290.45
Planned Returns Above Variable Costs:				\$1,874.67	\$228,709.55
Breakeven Price to Cover Variable Costs			\$7.32	Bags	
				Enterprise	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
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	\$54.06	\$54.06	\$6,595.90
Implements	1	Acre	\$38.26	\$38.26	\$4,668.05
Equipment Investment					
Pickup/General Use Equipment	\$171.56	Dollars	6.50%	\$11.15	\$1,360.49
Irrigation Equipment	\$646.00	Dollars	6.50%	\$41.99	\$5,122.81
Tractors/Self-Propelled	\$417.79	Dollars	6.50%	\$27.16	\$3,313.10
Implements	\$173.05	Dollars	6.50%	\$11.25	\$1,372.26
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$355.63	\$43,387.22
Total Specified Costs				\$5,480.96	\$668,677.66
Returns Above Specified Costs				\$1,519.04	\$185,322.34
Breakeven Price to Cover Total Costs			\$7.83	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.