

**2022 Estimated Costs and Returns per Acre  
Irrigated Onions  
Southwest Extension District - 10**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Onions	700.00	Bags	\$10.00	\$7,000.00		\$854,000.00
<b>Total Revenue</b>				<b>\$7,000.00</b>		<b>\$854,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
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	\$16.38	\$3.14		\$383.69
Machinery Labor						
Tractors/Self-Propelled	1.31	Hour	\$16.12	\$21.12		\$2,576.30
Other Labor	0.04	Hour	\$16.12	\$0.64		\$78.67
Diesel Fuel						
Tractors/Self-Propelled	9.76	Gallon	\$2.67	\$26.06		\$3,179.22
Gasoline						
Pickup/General Use Equipment	1	Acre	\$39.52	\$39.52		\$4,822.01
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			6.30%	\$72.16		\$8,803.37
<b>Total Variable Costs</b>				<b>\$5,113.25</b>		<b>\$623,816.50</b>
Planned Returns Above Variable Costs:				\$1,886.75		\$230,183.50
Breakeven Price to Cover Variable Costs			\$7.30	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	6.30%	\$10.81		\$1,318.63
Irrigation Equipment	\$646.00	Dollars	6.30%	\$40.70		\$4,965.19
Tractors/Self-Propelled	\$229.73	Dollars	6.30%	\$14.47		\$1,765.71
Implements	\$93.26	Dollars	6.30%	\$5.88		\$716.76
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00		\$6,100.00
<b>Total Fixed Costs</b>				<b>\$294.80</b>		<b>\$35,965.21</b>
<b>Total Specified Costs</b>				<b>\$5,408.05</b>		<b>\$659,781.71</b>
Returns Above Specified Costs				\$1,591.95		\$194,218.29
Breakeven Price to Cover Total Costs			\$7.73	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.**