

2021 Estimated Costs and Returns per Acre
Onion, Hybrid Yellow Varieties, Furrow Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres	100				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Onions, Yellow	750.00	Sack	\$10.00	\$7,500.00	\$750,000.00
Total Revenue				\$7,500.00	\$750,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Fertilizer 10-34-0	2	CWT	\$23.15	\$46.30	\$4,630.00
Micronutrients	7	Quart	\$50.00	\$350.00	\$35,000.00
UAN (32% N)	3.12	CWT	\$12.65	\$39.47	\$3,946.80
Custom					
Harvest Onions	750	Bag	\$2.00	\$1,500.00	\$150,000.00
Drying Onions	750	Bag	\$0.50	\$375.00	\$37,500.00
Pack and Count Onions	750	Bag	\$2.00	\$1,500.00	\$150,000.00
Insecticide					
Lorsban 4E	1.75	Pint	\$14.15	\$24.76	\$2,476.25
Karate	9.6	Ounce	\$1.79	\$17.17	\$1,717.25
Herbicide					
Prefar 4E	2.75	Quart	\$23.80	\$65.44	\$6,543.63
Goaltender	0.0625	Gallon	\$134.98	\$8.44	\$843.63
Trifluralin 4EC	1	Pint	\$6.45	\$6.45	\$644.75
Seed					
Onion Seed	100	Thousand	\$4.00	\$400.00	\$40,000.00
Fungicides					
Dithane F-45	2	Quart	\$10.20	\$20.39	\$2,039.00
Rovral 4f	3	Pint	\$14.75	\$44.25	\$4,425.00
Ridomil Gold SC	80	Ounce	\$0.89	\$71.55	\$7,155.20
Bravo Ultrex	2	Pound	\$10.04	\$20.08	\$2,007.81
Other Labor					
Unallocated Labor	0.1527	Hour	\$12.00	\$1.83	\$183.24
Irrigation					
Water Cost	2.80	Acre/Foot	\$20.00	\$56.00	\$5,600.00
Irrigation Labor	7.40	Hour	\$12.00	\$88.80	\$8,880.00
Machinery Labor					
Tractors/Self-Propelled	2.58	Hour	\$12.00	\$30.96	\$3,096.00
Diesel Fuel					
Tractors/Self-Propelled	14.81	Gallon	\$2.00	\$29.62	\$2,962.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$33.99	\$33.99	\$3,399.21
Implements	1	Acre	\$19.95	\$19.95	\$1,995.26
Interest on Credit Line					
			5.00%	\$25.54	\$2,554.13
Total Variable Costs				\$4,775.99	\$477,599.15
Planned Returns Above Variable Costs:				\$2,724.01	\$272,400.85
Breakeven Price to Cover Variable Costs			\$6.37	Sack	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$34.86	\$34.86	\$3,485.93
Implements	1	Acre	\$23.07	\$23.07	\$2,306.58
Equipment Investment					
Tractors/Self-Propelled	\$271.57	Dollars	7.00%	\$19.01	\$1,900.96
Implements	\$107.70	Dollars	7.00%	\$7.54	\$753.91
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs				\$194.47	\$19,447.38
Total Specified Costs				\$4,970.47	\$497,046.53
Returns Above Specified Costs				\$2,529.53	\$252,953.47
Breakeven Price to Cover Total Costs			\$6.63	Sack	

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

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.