

**2023 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	\$39.75	\$79.50	\$7,950.00
Micronutrients	7	Quart	\$8.99	\$62.91	\$6,291.25
UAN (32% N)	3.12	CWT	\$33.95	\$105.92	\$10,592.40
Custom					
Harvest Onions	750	Bag	\$2.25	\$1,687.50	\$168,750.00
Drying Onions	750	Bag	\$0.75	\$562.50	\$56,250.00
Pack and Count Onions	750	Bag	\$2.50	\$1,875.00	\$187,500.00
Insecticide					
Lorsban 4E	1.75	Pint	\$14.20	\$24.85	\$2,484.56
Lambda	9.6	Ounce	\$0.47	\$4.50	\$450.00
Herbicide					
Prefar 4E	2.75	Quart	\$23.80	\$65.44	\$6,543.63
Goaltender	0.0625	Gallon	\$149.95	\$9.37	\$937.19
Trifluralin 4EC	1	Pint	\$4.75	\$4.75	\$474.75
Seed					
Onion Seed	100	Thousand	\$4.75	\$475.00	\$47,500.00
Fungicides					
Dithane F-45	2	Quart	\$11.00	\$21.99	\$2,199.00
Rovral 4f	3	Pint	\$15.00	\$44.99	\$4,499.25
Ridomil Gold SC	80	Ounce	\$1.24	\$99.00	\$9,900.00
Bravo Ultrex	2	Pound	\$10.23	\$20.46	\$2,046.50
Other Labor					
Unallocated Labor	0.1527	Hour	\$15.00	\$2.29	\$229.05
Irrigation					
Water Cost	2.80	Acre/Foot	\$23.14	\$64.80	\$6,480.00
Irrigation Labor	7.40	Hour	\$17.50	\$129.50	\$12,950.00
Machinery Labor					
Tractors/Self-Propelled	2.58	Hour	\$17.21	\$44.40	\$4,440.18
Diesel Fuel					
Tractors/Self-Propelled	14.81	Gallon	\$2.24	\$33.17	\$3,317.44
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			8.00%	\$42.86	\$4,285.72
Total Variable Costs				\$5,514.65	\$551,465.39
Planned Returns Above Variable Costs:				\$1,985.35	\$198,534.61
Breakeven Price to Cover Variable Costs			\$7.35	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	8.00%	\$21.73	\$2,172.52
Implements	\$107.70	Dollars	8.00%	\$8.62	\$861.61
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs				\$198.27	\$19,826.65
Total Specified Costs				\$5,712.92	\$571,292.04
Returns Above Specified Costs				\$1,787.08	\$178,707.96
Breakeven Price to Cover Total Costs			\$7.62	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.