

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Onion, Hybrid Yellow Varieties, Furrow Irrigated, Rio Grande Valley - 100 Acres
South Extension District - 12

Crop Acres		100				Enterprise
		Quantity	Units	\$/Unit	Total	Total
REVENUE						
	Onions, Yellow	900.00	Sack	\$8.00	\$7,200.00	\$720,000.00
Total Revenue					\$7,200.00	\$720,000.00
VARIABLE COSTS						
Production Costs						
Seed						
	Onion Seed	1.5	Unit	\$266.00	\$399.00	\$39,900.00
Fertilizer						
	Fertilizer 10-34-0	2	CWT	\$26.00	\$52.00	\$5,200.00
	Foligro	7	Quart	\$39.00	\$273.00	\$27,300.00
	UAN (32% N)	0.78	CWT	\$18.60	\$14.51	\$1,450.80
Custom						
	Harvest Onions	900	Bag	\$1.75	\$1,575.00	\$157,500.00
	Drying Onions	900	Bag	\$0.44	\$396.00	\$39,600.00
	Pack and Count Onions	900	Bag	\$1.60	\$1,440.00	\$144,000.00
	Sales Consignment Onions	900	Bag	\$0.55	\$495.00	\$49,500.00
Herbicide						
	Prefar 4E	2.75	Quart	\$16.51	\$45.40	\$4,540.25
	Goal 2XL	0.1	Gallon	\$80.00	\$8.00	\$800.00
	Trifluralin 4EC	1	Pint	\$3.34	\$3.34	\$334.00
Insecticide						
	Lorsban 4E	1.75	Pint	\$5.63	\$9.85	\$985.25
	Diazinon AG500	1	Pint	\$6.02	\$6.02	\$602.00
	Karate	9.6	Ounce	\$2.85	\$27.36	\$2,736.00
Fungicides						
	Dithane F-45	2	Quart	\$7.94	\$15.88	\$1,588.00
	Rovral 4f	3	Pint	\$14.20	\$42.60	\$4,260.00
	Ridomil Gold	8	Ounce	\$6.54	\$52.32	\$5,232.00
	Bravo Ultrex	2	Quart	\$12.82	\$25.64	\$2,564.00
Other Labor						
	Unallocated Labor	0.1527	Hour	\$9.00	\$1.37	\$137.43
Irrigation						
	Water Cost	2.80	Acre/Foot	\$20.00	\$56.00	\$5,600.00
	Irrigation Labor	7.40	Hour	\$9.00	\$66.60	\$6,660.00
Machinery Labor						
	Tractors/Self-Propelled	2.59	Hour	\$9.00	\$23.31	\$2,331.00
Diesel Fuel						
	Tractors/Self-Propelled	14.85	Gallon	\$3.00	\$44.55	\$4,455.00
Repairs & Maintenance						
	Tractors/Self-Propelled	1	Acre	\$27.54	\$27.54	\$2,753.53
	Implements	1	Acre	\$17.94	\$17.94	\$1,793.75
Interest on Credit Line				9.00%	\$40.89	\$4,089.12
Total Variable Costs					\$5,159.12	\$515,912.13
Planned Returns Above Variable Costs:					\$2,040.88	\$204,087.87
Breakeven Price to Cover Variable Costs				\$5.73	Sack	
FIXED COSTS						
Machinery Depreciation						
	Tractors/Self-Propelled	1	Acre	\$28.22	\$28.22	\$2,821.74
	Implements	1	Acre	\$20.59	\$20.59	\$2,058.65
Equipment Investment						
	Tractors/Self-Propelled	\$318.58	Dollars	9.00%	\$28.67	\$2,867.25
	Implements	\$181.50	Dollars	9.00%	\$16.34	\$1,633.50
Cash Rent, Irrigated Vegetables				1	Acre	\$110.00
Total Fixed Costs					\$203.81	\$20,381.14
Total Specified Costs					\$5,362.93	\$536,293.27
Returns Above Specified Costs					\$1,837.07	\$183,706.73
Breakeven Price to Cover Total Costs				\$5.96	Sack	

Example Breakeven Prices						
Example Yield Percent	Example Yield Sack	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	675.00	\$7.64	\$7.64	\$7.95	\$7.95	\$0.00
90%	810.00	\$6.37	\$6.37	\$6.62	\$6.62	\$0.00
100%	900.00	\$5.73	\$5.73	\$5.96	\$5.96	\$0.00
110%	990.00	\$5.21	\$5.21	\$5.42	\$5.42	\$0.00
125%	1125.00	\$4.59	\$4.59	\$4.77	\$4.77	\$0.00

Developed by Luis Ribera, Associate Professor and Extension Economist, Texas A&M AgriLife Extension.

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.