

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Spring Onions, Furrow Irrigated
Far West Extension District - 6

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Spring Onions		650.00	Bag	\$8.00	\$5,200.00	\$634,400.00
Total Revenue					\$5,200.00	\$634,400.00
VARIABLE COSTS						
Production Costs		Quantity	Units	\$/Unit	Total	Enterprise Total
Herbicide						
Glyphosate		2	Pint	\$2.12	\$4.24	\$517.28
Seed						
Onion Seed		1.5	Pound	\$60.00	\$90.00	\$10,980.00
Fertilizer						
Fertilizer 18-46-0		100	Pound	\$0.39	\$39.00	\$4,758.00
N-32 in Water		100	Pound	\$0.41	\$41.00	\$5,002.00
Custom						
Custom Apply Fertilizer		1	Acre	\$5.00	\$5.00	\$610.00
Harvest, Pack, Market Onions		650	Bag	\$4.02	\$2,613.00	\$318,786.00
Insecticide						
Mustang Max		31	Ounce	\$1.25	\$38.75	\$4,727.50
Fungicides						
Quadris		19	Ounce	\$1.64	\$31.18	\$3,803.61
Irrigation						
Energy Cost		2425.52	kWh	\$0.17	\$412.34	\$50,305.28
Irrigation Labor		7.64	Hour	\$15.00	\$114.58	\$13,978.27
Machinery Labor						
Tractors/Self-Propelled		2.26	Hour	\$15.00	\$33.90	\$4,135.80
Diesel Fuel						
Tractors/Self-Propelled		19.67	Gallon	\$2.60	\$51.14	\$6,239.32
Gasoline						
Pickup/General Use Equipment		1	Acre	\$7.72	\$7.72	\$941.76
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$1.61	\$1.61	\$196.20
Irrigation Equipment		1	Acre	\$5.58	\$5.58	\$680.60
Tractors/Self-Propelled		1	Acre	\$45.87	\$45.87	\$5,596.25
Implements		1	Acre	\$28.15	\$28.15	\$3,434.04
Interest on Credit Line				6.00%	\$36.83	\$4,493.09
Total Variable Costs					\$3,599.88	\$439,185.00
Planned Returns Above Variable Costs:					\$1,600.12	\$195,215.00
Breakeven Price to Cover Variable Costs				\$5.54	Bag	
FIXED COSTS						
Machinery Depreciation		Quantity	Units	\$/Unit	Total	Enterprise Total
Pickup/General Use Equipment		1	Acre	\$6.03	\$6.03	\$735.75
Irrigation Equipment		1	Acre	\$21.58	\$21.58	\$2,633.33
Tractors/Self-Propelled		1	Acre	\$47.40	\$47.40	\$5,782.79
Implements		1	Acre	\$33.70	\$33.70	\$4,111.32
Equipment Investment						
Pickup/General Use Equipment		\$25.13	Dollars	6.00%	\$1.51	\$183.94
Irrigation Equipment		\$161.89	Dollars	6.00%	\$9.71	\$1,185.00
Tractors/Self-Propelled		\$369.26	Dollars	6.00%	\$22.16	\$2,702.99
Implements		\$144.16	Dollars	6.00%	\$8.65	\$1,055.24
Trans Pecos Irrigated Land		1	Acre	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs					\$190.74	\$23,270.37
Total Specified Costs					\$3,790.62	\$462,455.37
Returns Above Specified Costs					\$1,409.38	\$171,944.63
Breakeven Price to Cover Total Costs				\$5.83	Bag	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	487.50	\$7.38	\$7.78
90%	585.00	\$6.15	\$6.48
100%	650.00	\$5.54	\$5.83
110%	715.00	\$5.03	\$5.30
125%	812.50	\$4.43	\$4.67

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

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.