

Projections for Planning Purposes Only -- Not to be Used without Updating
2021 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
Custom						
Custom Apply Fertilizer		1	Acre	\$6.00	\$6.00	\$732.00
Harvest, Pack, Market Onions		650	Bag	\$4.02	\$2,613.00	\$318,786.00
Fertilizer						
Fertilizer 18-46-0		100	Pound	\$0.39	\$39.00	\$4,758.00
N-32 in Water		100	Pound	\$0.38	\$38.28	\$4,670.16
Herbicide						
Glyphosate		2	Pint	\$2.13	\$4.25	\$518.50
Insecticide						
Mustang Max		31	Ounce	\$1.25	\$38.75	\$4,727.50
Seed						
Onion Seed		1.5	Pound	\$60.00	\$90.00	\$10,980.00
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		2.3	Hour	\$15.00	\$34.50	\$4,209.00
Diesel Fuel						
Tractors/Self-Propelled		18.31	Gallon	\$1.50	\$27.47	\$3,350.73
Gasoline						
Pickup/General Use Equipment		1	Acre	\$5.79	\$5.79	\$706.32
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	\$47.82	\$47.82	\$5,833.97
Implements		1	Acre	\$26.46	\$26.46	\$3,228.41
Interest on Credit Line				4.55%	\$27.26	\$3,325.50
Total Variable Costs					\$3,563.85	\$434,790.04
Planned Returns Above Variable Costs:					\$1,636.15	\$199,609.96
Breakeven Price to Cover Variable Costs				\$5.48	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	\$49.41	\$49.41	\$6,028.43
Implements		1	Acre	\$31.99	\$31.99	\$3,902.69
Equipment Investment						
Pickup/General Use Equipment		\$25.13	Dollars	5.50%	\$1.38	\$168.61
Irrigation Equipment		\$161.89	Dollars	5.50%	\$8.90	\$1,086.25
Tractors/Self-Propelled		\$384.95	Dollars	5.50%	\$21.17	\$2,582.99
Implements		\$136.84	Dollars	5.50%	\$7.53	\$918.22
Trans Pecos Irrigated Land		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$198.00	\$24,156.27
Total Specified Costs					\$3,761.86	\$458,946.31
Returns Above Specified Costs					\$1,438.14	\$175,453.69
Breakeven Price to Cover Total Costs				\$5.79	Bag	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	487.50	\$7.31	\$7.72
90%	585.00	\$6.09	\$6.43
100%	650.00	\$5.48	\$5.79
110%	715.00	\$4.98	\$5.26
125%	812.50	\$4.39	\$4.63

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.