

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 Estimated Costs and Returns per Acre
Spring Onions, Furrow Irrigated
Far West Extension District - 6

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Spring Onions	650.00	Bag	\$8.00	\$5,200.00	\$634,400.00
Total Revenue				\$5,200.00	\$634,400.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
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	\$0.66	\$66.00	\$8,052.00
N-32 in Water	100	Pound	\$0.55	\$55.00	\$6,710.00
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	\$16.38	\$125.12	\$15,264.27
Machinery Labor					
Tractors/Self-Propelled	1.11	Hour	\$16.12	\$17.89	\$2,182.97
Diesel Fuel					
Tractors/Self-Propelled	9.37	Gallon	\$2.67	\$25.02	\$3,052.18
Gasoline					
Pickup/General Use Equipment	1	Acre	\$8.04	\$8.04	\$981.00
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	\$25.85	\$25.85	\$3,153.93
Implements	1	Acre	\$13.92	\$13.92	\$1,698.54
Interest on Credit Line			6.30%	\$38.20	\$4,660.56
Total Variable Costs				\$3,577.75	\$436,485.15
Planned Returns Above Variable Costs:				\$1,622.25	\$197,914.85
Breakeven Price to Cover Variable Costs			\$5.50	Bag	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
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	\$26.71	\$26.71	\$3,259.06
Implements	1	Acre	\$16.80	\$16.80	\$2,049.76
Equipment Investment					
Pickup/General Use Equipment	\$25.13	Dollars	6.30%	\$1.58	\$193.13
Irrigation Equipment	\$161.89	Dollars	6.30%	\$10.20	\$1,244.25
Tractors/Self-Propelled	\$208.11	Dollars	6.30%	\$13.11	\$1,599.52
Implements	\$71.87	Dollars	6.30%	\$4.53	\$552.41
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$150.55	\$18,367.22
Total Specified Costs				\$3,728.30	\$454,852.37
Returns Above Specified Costs				\$1,471.70	\$179,547.63
Breakeven Price to Cover Total Costs			\$5.74	Bag	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	487.50	\$7.34	\$7.65
90%	585.00	\$6.12	\$6.37
100%	650.00	\$5.50	\$5.74
110%	715.00	\$5.00	\$5.21
125%	812.50	\$4.40	\$4.59

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.