

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2023 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
<b>Total Revenue</b>				<b>\$5,200.00</b>	<b>\$634,400.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Custom Apply Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58
Harvest, Pack, Market Onions	650	Bag	\$4.02	\$2,613.00	\$318,786.00
Fertilizer					
Fertilizer 18-46-0	100	Pound	\$0.54	\$54.00	\$6,588.00
N-32 in Water	100	Pound	\$0.53	\$53.00	\$6,466.00
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	\$17.50	\$133.67	\$16,307.98
Machinery Labor					
Tractors/Self-Propelled	2.3	Hour	\$17.21	\$39.58	\$4,829.13
Diesel Fuel					
Tractors/Self-Propelled	18.31	Gallon	\$2.24	\$41.01	\$5,003.76
Gasoline					
Pickup/General Use Equipment	1	Acre	\$6.72	\$6.72	\$820.12
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			8.00%	\$51.21	\$6,247.96
<b>Total Variable Costs</b>				<b>\$3,656.58</b>	<b>\$446,102.58</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$1,543.42</b>	<b>\$188,297.42</b>
Breakeven Price to Cover Variable Costs			\$5.63	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	\$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	8.00%	\$2.01	\$245.25
Irrigation Equipment	\$161.89	Dollars	8.00%	\$12.95	\$1,580.00
Tractors/Self-Propelled	\$384.95	Dollars	8.00%	\$30.80	\$3,757.07
Implements	\$136.84	Dollars	8.00%	\$10.95	\$1,335.59
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00
<b>Total Fixed Costs</b>				<b>\$215.72</b>	<b>\$26,318.12</b>
<b>Total Specified Costs</b>				<b>\$3,872.30</b>	<b>\$472,420.70</b>
<b>Returns Above Specified Costs</b>				<b>\$1,327.70</b>	<b>\$161,979.30</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$5.96</b>	<b>Bag</b>	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	487.50	\$7.50	\$7.94
90%	585.00	\$6.25	\$6.62
100%	650.00	\$5.63	\$5.96
110%	715.00	\$5.11	\$5.42
125%	812.50	\$4.50	\$4.77

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.**