

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2024 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	Enterprise Total
Spring Onions	650.00	Bag	\$8.00	\$5,200.00	\$634,400.00	\$634,400.00
<b>Total Revenue</b>				<b>\$5,200.00</b>	<b>\$634,400.00</b>	<b>\$634,400.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	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	\$3.60	\$65.92	\$8,041.75	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$10.13	\$10.13	\$1,236.06	
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%	\$52.53	\$6,409.27	
<b>Total Variable Costs</b>				<b>\$3,686.21</b>	<b>\$449,717.83</b>	
<b>Planned Returns Above Variable Costs:</b>				<b>\$1,513.79</b>	<b>\$184,682.17</b>	
Breakeven Price to Cover Variable Costs			\$5.67	Bag		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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>\$3,901.93</b>	<b>\$476,035.95</b>	
<b>Returns Above Specified Costs</b>				<b>\$1,298.07</b>	<b>\$158,364.05</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$6.00</b>	Bag		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	487.50	\$7.56	\$8.00
90%	585.00	\$6.30	\$6.67
100%	650.00	\$5.67	\$6.00
110%	715.00	\$5.16	\$5.46
125%	812.50	\$4.54	\$4.80

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**