

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Spring Onions, Furrow Irrigated**  
**Far West Extension District - 6**

Crop Acres		122			
				Total	Enterprise Total
<b>REVENUE</b>					
Spring Onions	Quantity	Units	\$/Unit	Total	Enterprise Total
	650.00	Bag	\$9.00	\$5,850.00	\$713,700.00
<b>Total Revenue</b>				\$5,850.00	\$713,700.00
<b>VARIABLE COSTS</b>					
				Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Seed	Quantity	Units	\$/Unit	Total	Enterprise Total
Glyphosate	2	Pint	\$2.25	\$4.50	\$549.00
Onion Seed	1.5	Pound	\$60.00	\$90.00	\$10,980.00
Fertilizer					
Fertilizer 18-46-0	100	Pound	\$0.24	\$24.00	\$2,928.00
N-32 in Water	100	Pound	\$0.39	\$39.00	\$4,758.00
Custom					
Custom Apply Fertilizer	1	Acre	\$4.00	\$4.00	\$488.00
Harvest, Pack, Market Onions	650	Bag	\$4.02	\$2,613.00	\$318,786.00
Insecticide					
Mustang Max	31	Ounce	\$1.54	\$47.74	\$5,824.28
Fungicides					
Quadris	19	Ounce	\$2.46	\$46.74	\$5,702.28
Irrigation					
Energy Cost	2425.52	kWh	\$0.17	\$412.34	\$50,305.28
Irrigation Labor	7.64	Hour	\$11.00	\$84.02	\$10,250.73
Machinery Labor					
Tractors/Self-Propelled	2.26	Hour	\$12.00	\$27.12	\$3,308.64
Diesel Fuel					
Tractors/Self-Propelled	19.68	Gallon	\$2.14	\$42.12	\$5,138.05
Gasoline					
Pickup/General Use Equipment	1	Acre	\$7.69	\$7.69	\$937.84
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	\$42.17	\$42.17	\$5,144.27
Implements	1	Acre	\$27.92	\$27.92	\$3,406.44
Interest on Credit Line			6.50%	\$37.61	\$4,588.13
<b>Total Variable Costs</b>				\$3,557.15	\$433,971.75
<b>Planned Returns Above Variable Costs:</b>				\$2,292.85	\$279,728.25
<b>Breakeven Price to Cover Variable Costs</b>				\$5.47	Bag
<b>FIXED COSTS</b>					
				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	\$43.57	\$43.57	\$5,315.75
Implements	1	Acre	\$33.19	\$33.19	\$4,048.73
Equipment Investment					
Pickup/General Use Equipment	\$25.13	Dollars	6.50%	\$1.63	\$199.27
Irrigation Equipment	\$161.89	Dollars	6.50%	\$10.52	\$1,283.75
Tractors/Self-Propelled	\$339.44	Dollars	6.50%	\$22.06	\$2,691.74
Implements	\$141.96	Dollars	6.50%	\$9.23	\$1,125.77
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$4,880.00
<b>Total Fixed Costs</b>				\$187.82	\$22,914.09
<b>Total Specified Costs</b>				\$3,744.97	\$456,885.84
<b>Returns Above Specified Costs</b>				\$2,105.03	\$256,814.16
<b>Breakeven Price to Cover Total Costs</b>				\$5.76	Bag

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	487.50	\$7.30	\$7.68
90%	585.00	\$6.08	\$6.40
100%	650.00	\$5.47	\$5.76
110%	715.00	\$4.98	\$5.24
125%	812.50	\$4.38	\$4.61

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

**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.**