

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Spring Onions, Furrow Irrigated - 122 Acres
Far West Extension District - 6

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Spring Onions	650.00	Bag	\$7.00	\$4,550.00	\$4,550.00	\$555,100.00
Total Revenue				\$4,550.00	\$4,550.00	\$555,100.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Custom Apply Fertilizer	1	Acre	\$4.00	\$4.00	\$4.00	\$488.00
Harvest, Pack, Market Onions	650	Bag	\$4.02	\$2,613.00	\$2,613.00	\$318,786.00
Fertilizer						
Fertilizer 18-46-0	100	Pound	\$0.28	\$28.00	\$28.00	\$3,416.00
N-32 in Water	100	Pound	\$0.17	\$17.00	\$17.00	\$2,074.00
Herbicide						
Glyphosate	2	Pint	\$2.03	\$4.06	\$4.06	\$495.32
Insecticide						
Mustang Max	31	Ounce	\$1.69	\$52.39	\$52.39	\$6,391.58
Seed						
Onion Seed	1.5	Pound	\$60.00	\$90.00	\$90.00	\$10,980.00
Fungicides						
Quadris	19	Ounce	\$2.38	\$45.22	\$45.22	\$5,516.84
Irrigation						
Energy Cost	2425.52	kWh	\$0.17	\$412.34	\$412.34	\$50,305.28
Irrigation Labor	7.64	Hour	\$11.00	\$84.02	\$84.02	\$10,250.73
Machinery Labor						
Tractors/Self-Propelled	1.77	Hour	\$12.00	\$21.24	\$21.24	\$2,591.28
Diesel Fuel						
Tractors/Self-Propelled	16.65	Gallon	\$2.15	\$35.80	\$35.80	\$4,367.30
Gasoline						
Pickup/General Use Equipment	1	Acre	\$7.04	\$7.04	\$7.04	\$859.36
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$1.61	\$196.20
Irrigation Equipment	1	Acre	\$5.58	\$5.58	\$5.58	\$680.60
Tractors/Self-Propelled	1	Acre	\$31.21	\$31.21	\$31.21	\$3,807.44
Implements	1	Acre	\$19.58	\$19.58	\$19.58	\$2,388.61
Interest on Credit Line			6.50%	\$19.51	\$19.51	\$2,379.95
Total Variable Costs				\$3,491.59	\$3,491.59	\$425,974.49
Planned Returns Above Variable Costs:				\$1,058.41	\$1,058.41	\$129,125.51
Breakeven Price to Cover Variable Costs			\$5.37	Bag		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$6.03	\$735.75
Irrigation Equipment	1	Acre	\$21.58	\$21.58	\$21.58	\$2,633.33
Tractors/Self-Propelled	1	Acre	\$32.25	\$32.25	\$32.25	\$3,934.36
Implements	1	Acre	\$23.13	\$23.13	\$23.13	\$2,821.61
Equipment Investment						
Pickup/General Use Equipment	\$40.20	Dollars	6.50%	\$2.61	\$2.61	\$318.83
Irrigation Equipment	\$323.77	Dollars	6.50%	\$21.05	\$21.05	\$2,567.50
Tractors/Self-Propelled	\$364.10	Dollars	6.50%	\$23.67	\$23.67	\$2,887.31
Implements	\$179.88	Dollars	6.50%	\$11.69	\$11.69	\$1,426.48
Trans Pecos Irrigated Land	1	Acre	\$40.00	\$40.00	\$40.00	\$4,880.00
Total Fixed Costs				\$182.01	\$182.01	\$22,205.17
Total Specified Costs				\$3,673.60	\$3,673.60	\$448,179.67
Returns Above Specified Costs				\$876.40	\$876.40	\$106,920.33
Breakeven Price to Cover Total Costs			\$5.65	Bag		

Example Breakeven Prices						
Example Yield Percent	Example Yield Bag	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	487.50	\$7.16	\$7.16	\$7.54	\$7.54	\$0.00
90%	585.00	\$5.97	\$5.97	\$6.28	\$6.28	\$0.00
100%	650.00	\$5.37	\$5.37	\$5.65	\$5.65	\$0.00
110%	715.00	\$4.88	\$4.88	\$5.14	\$5.14	\$0.00
125%	812.50	\$4.30	\$4.30	\$4.52	\$4.52	\$0.00

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

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.