

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2013 Estimated Costs and Returns per Acre**  
**Irrigated Onions - 100 Acres**  
**Southwest Extension District - 10**

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Onions	700.00	Bags	\$7.00	\$4,900.00	\$490,000.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
<b>Total Revenue</b>				<b>\$4,900.00</b>	<b>\$490,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Seed Onion	3	Pounds	\$60.00	\$180.00	\$18,000.00
Crop Insurance					
Insurance	1	Acre	\$40.00	\$40.00	\$4,000.00
Fungicide					
Fungicide Onion	1	Acre	\$18.48	\$18.48	\$1,848.00
Ridomil	5.5	Ounce	\$5.50	\$30.25	\$3,025.00
Insecticide					
Insecticide Onion	5	Acre	\$8.40	\$42.00	\$4,200.00
Fertilizer					
Nitrogen Dry	100	Pounds	\$0.30	\$30.00	\$3,000.00
Phosphate	50	Pounds	\$0.47	\$23.62	\$2,361.68
Nitrogen N32	100	Pounds	\$0.60	\$59.77	\$5,976.56
Miscellaneous Administrative Overhead					
Misc. Overhead	1	Acre	\$4.00	\$4.00	\$400.00
Herbicide					
Herbicide Onion 1	5	Acre	\$8.50	\$42.50	\$4,250.00
Custom					
Fertilizer Application	1	Acre	\$5.75	\$5.75	\$575.00
Pesticide Application Vegetable	4	Acre	\$5.50	\$22.00	\$2,200.00
Consulting Fee Vegetable	1	Acre	\$12.00	\$12.00	\$1,200.00
Harvest/Pack/Market Onions	700	Bags	\$4.25	\$2,975.00	\$297,500.00
Irrigation					
Irrigation Costs	24	Acre-Inch	\$7.00	\$168.00	\$16,800.00
Other Labor					
Labor	4.375	Hour	\$10.00	\$43.75	\$4,375.00
Operator Labor					
Tractors	1.943	Hour	\$0.00	\$0.00	\$0.00
Irrigation Labor					
Labor	1.2	Hour	\$0.00	\$0.00	\$0.00
Diesel Fuel					
Tractors	13.2029	Gallon	\$3.30	\$43.57	\$4,356.95
Gasoline					
Pickup	0.91	Gallon	\$3.20	\$2.91	\$291.20
Repairs & Maintenance					
Tractors	1	Acre	\$24.57	\$24.57	\$2,457.09
Implements	1	Acre	\$14.02	\$14.02	\$1,402.50
Pickup	1	Acre	\$1.00	\$1.00	\$100.33
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00
Interest on Credit Line			6.50%	\$22.24	\$2,223.82
<b>Total Variable Costs</b>				<b>\$3,808.83</b>	<b>\$380,883.13</b>
Planned Returns Above Variable Costs:				\$1,091.17	\$109,116.87
Breakeven Price to Cover Variable Costs			\$5.44	Bags	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery</b>					
Tractors	1	Acre	\$43.47	\$43.47	\$4,346.96
Implements	1	Acre	\$29.48	\$29.48	\$2,948.16
Pickup	1	Acre	\$3.62	\$3.62	\$361.67
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00
Land Rent	1	Acre	\$60.00	\$60.00	\$6,000.00
<b>Total Fixed Costs</b>				<b>\$144.22</b>	<b>\$14,421.79</b>
<b>Total Specified Costs</b>				<b>\$3,953.05</b>	<b>\$395,304.92</b>
Returns Above Specified Costs				\$946.95	\$94,695.08
<b>Breakeven Price to Cover Total Costs</b>			<b>\$5.65</b>	<b>Bags</b>	

Breakeven Prices						
Yield Percent	Yield Bags	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	525.00	\$7.25	\$7.25	\$7.53	\$7.53	\$0.00
90%	630.00	\$6.05	\$6.05	\$6.27	\$6.27	\$0.00
100%	700.00	\$5.44	\$5.44	\$5.65	\$5.65	\$0.00
110%	770.00	\$4.95	\$4.95	\$5.13	\$5.13	\$0.00
125%	875.00	\$4.35	\$4.35	\$4.52	\$4.52	\$0.00

**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.**