

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

Crop Acres		100		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Cabbage	700.00	Bag	\$8.00	\$5,600.00	\$560,000.00
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>\$5,600.00</b>	<b>\$560,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
<b>Seed</b>					
Seed Cabbage	1	Acre	\$150.00	\$150.00	\$15,000.00
<b>Crop Insurance</b>					
NAP Insurance	1	Acre	\$2.00	\$2.00	\$200.00
<b>Fungicide</b>					
Fungicide Cabbage 1	3	Acre	\$28.87	\$86.61	\$8,661.00
<b>Insecticide</b>					
Insecticide Cabbage	1	Acre	\$13.65	\$13.65	\$1,365.00
Insecticide Cabbage 1	0.5	Acre	\$42.00	\$21.00	\$2,100.00
Insecticide Cabbage 2	4	Acre	\$15.75	\$63.00	\$6,300.00
<b>Fertilizer</b>					
Nitrogen Dry	50	Pounds	\$0.30	\$15.00	\$1,500.00
Phosphate	100	Pounds	\$0.47	\$47.23	\$4,723.37
Nitrogen Liquid	100	Pounds	\$0.30	\$30.00	\$3,000.00
<b>Miscellaneous Administrative Overhead</b>					
Misc. Overhead	1	Acre	\$4.00	\$4.00	\$400.00
<b>Herbicide</b>					
Herbicide Cabbage	1	Acre	\$18.00	\$18.00	\$1,800.00
<b>Custom</b>					
Fertilizer Application	1	Acre	\$5.75	\$5.75	\$575.00
Custom Application	7.5	Acre	\$5.00	\$37.50	\$3,750.00
Consulting Fee Cabbage	1	Acre	\$12.00	\$12.00	\$1,200.00
Custom Plant	1	Acre	\$30.00	\$30.00	\$3,000.00
Harvest/Pack/Market Cabbage	700	Bags	\$3.00	\$2,100.00	\$210,000.00
<b>Irrigation</b>					
Irrigation Costs	13	Acre-Inch	\$7.00	\$91.00	\$9,100.00
<b>Other Labor</b>					
Labor	12.5	Hour	\$10.00	\$125.00	\$12,500.00
<b>Operator Labor</b>					
Tractors	1.811	Hour	\$0.00	\$0.00	\$0.00
<b>Irrigation Labor</b>					
Labor	0.65	Hour	\$0.00	\$0.00	\$0.00
<b>Diesel Fuel</b>					
Tractors	8.9577	Gallon	\$3.30	\$29.56	\$2,956.04
<b>Gasoline</b>					
Pickup	0.91	Gallon	\$3.20	\$2.91	\$291.20
<b>Repairs &amp; Maintenance</b>					
Tractors	1	Acre	\$15.68	\$15.68	\$1,568.21
Implements	1	Acre	\$9.61	\$9.61	\$961.30
Pickup	1	Acre	\$1.00	\$1.00	\$100.33
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00
Interest on Credit Line			6.50%	\$10.03	\$1,002.76
<b>Total Variable Costs</b>				<b>\$2,923.94</b>	<b>\$292,394.22</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$2,676.06</b>	<b>\$267,605.78</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$4.18</b>	<b>Bag</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery</b>					
Tractors	1	Acre	\$28.29	\$28.29	\$2,829.25
Implements	1	Acre	\$19.61	\$19.61	\$1,960.68
Pickup	1	Acre	\$3.62	\$3.62	\$361.67
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00
<b>Land Rent</b>					
	1	Acre	\$50.00	\$50.00	\$5,000.00
<b>Total Fixed Costs</b>				<b>\$109.17</b>	<b>\$10,916.60</b>
<b>Total Specified Costs</b>				<b>\$3,033.11</b>	<b>\$303,310.82</b>
<b>Returns Above Specified Costs</b>				<b>\$2,566.89</b>	<b>\$256,689.18</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$4.33</b>	<b>Bag</b>	

Breakeven Prices						
Yield Percent	Yield Bag	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	525.00	\$5.57	\$5.57	\$5.78	\$5.78	\$0.00
90%	630.00	\$4.64	\$4.64	\$4.81	\$4.81	\$0.00
100%	700.00	\$4.18	\$4.18	\$4.33	\$4.33	\$0.00
110%	770.00	\$3.80	\$3.80	\$3.94	\$3.94	\$0.00
125%	875.00	\$3.34	\$3.34	\$3.47	\$3.47	\$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.**