

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

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Processed Carrots	17.10	Ton	\$130.00	\$2,223.00	\$222,300.00	\$222,300.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Revenue</b>				<b>\$2,223.00</b>	<b>\$222,300.00</b>	<b>\$222,300.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Seed						
Seed Carrot	2.6	Pounds	\$35.00	\$91.00	\$9,100.00	
Crop Insurance						
NAP Insurance	1	Acre	\$2.00	\$2.00	\$200.00	
Fungicide						
Fungicide Carrot Processed	4	Acre	\$15.47	\$61.88	\$6,188.00	
Fertilizer						
Nitrogen Dry	80	Pounds	\$0.30	\$24.00	\$2,400.00	
Phosphate	75	Pounds	\$0.47	\$35.43	\$3,542.53	
Miscellaneous Administrative Overhead						
Misc. Overhead	1	Acre	\$4.00	\$4.00	\$400.00	
Herbicide						
Herbicide Carrot 1	1	Acre	\$6.00	\$6.00	\$600.00	
Herbicide Carrot 2	1	Acre	\$10.00	\$10.00	\$1,000.00	
Custom						
Herbicide Application	2	Acre	\$4.50	\$9.00	\$900.00	
Pesticide Application Vegetable	4	Acre	\$5.50	\$22.00	\$2,200.00	
Consulting Fee Vegetable	0.5	Acre	\$12.00	\$6.00	\$600.00	
Irrigation						
Irrigation Costs	18	Acre-Inch	\$7.00	\$126.00	\$12,600.00	
Operator Labor						
Tractors	2.077	Hour	\$0.00	\$0.00	\$0.00	
Irrigation Labor						
Labor	1	Hour	\$0.00	\$0.00	\$0.00	
Diesel Fuel						
Tractors	9.65191	Gallon	\$3.30	\$31.85	\$3,185.13	
Gasoline						
Pickup	4.55	Gallon	\$3.20	\$14.56	\$1,456.00	
Repairs & Maintenance						
Tractors	1	Acre	\$17.09	\$17.09	\$1,709.11	
Implements	1	Acre	\$12.66	\$12.66	\$1,266.09	
Pickup	1	Acre	\$5.02	\$5.02	\$501.67	
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00	
Interest on Credit Line			6.50%	\$11.08	\$1,107.67	
<b>Total Variable Costs</b>				<b>\$492.96</b>	<b>\$49,296.19</b>	
Planned Returns Above Variable Costs:				\$1,730.04	\$173,003.81	
Breakeven Price to Cover Variable Costs			\$28.83	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery</b>						
Tractors	1	Acre	\$30.64	\$30.64	\$3,064.18	
Implements	1	Acre	\$26.32	\$26.32	\$2,631.80	
Pickup	1	Acre	\$18.08	\$18.08	\$1,808.33	
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00	
Land Rent	1	Acre	\$50.00	\$50.00	\$5,000.00	
<b>Total Fixed Costs</b>				<b>\$132.69</b>	<b>\$13,269.31</b>	
<b>Total Specified Costs</b>				<b>\$625.66</b>	<b>\$62,565.51</b>	
Returns Above Specified Costs				\$1,597.34	\$159,734.49	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$36.59</b>	Ton		

**Breakeven Prices**

Yield Percent	Yield Ton	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	12.83	\$38.44	\$38.44	\$48.78	\$48.78	\$0.00
90%	15.39	\$32.03	\$32.03	\$40.65	\$40.65	\$0.00
100%	17.10	\$28.83	\$28.83	\$36.59	\$36.59	\$0.00
110%	18.81	\$26.21	\$26.21	\$33.26	\$33.26	\$0.00
125%	21.38	\$23.06	\$23.06	\$29.27	\$29.27	\$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.**