

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2014 Estimated Costs and Returns per Acre**  
**Cabbage, Fresh Market, Furrow Irrigated, Rio Grande Valley - 100 Acres**  
**South Extension District - 12**

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Cabbage	750.00	Carton	\$8.00	\$6,000.00	\$600,000.00
<b>Total Revenue</b>				<b>\$6,000.00</b>	<b>\$600,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed					
Cabbage Seed	1	Pound	\$150.00	\$150.00	\$15,000.00
Fertilizer					
Phosphorus (46% P2O5)	1.75	CWT	\$29.30	\$51.28	\$5,127.50
Ammonium Nitrate (34% N)	5.8	CWT	\$22.50	\$130.50	\$13,050.00
Herbicide					
Prefar 4E	2.75	Quart	\$16.91	\$46.50	\$4,650.25
Insecticide					
Di-Syston 8	1	Pint	\$9.45	\$9.45	\$945.00
Lorsban	0.25	Gallon	\$44.32	\$11.08	\$1,108.00
Karate	3.84	Ounce	\$3.15	\$12.10	\$1,209.60
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Thiodan 3 EC	1	Quart	\$8.92	\$8.92	\$892.00
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Asana XL	6	Ounce	\$0.75	\$4.50	\$450.00
Thiodan 3 EC	1	Quart	\$8.92	\$8.92	\$892.00
Fungicides					
Bravo Ultrex	0.75	Quart	\$10.96	\$8.22	\$822.00
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Ridomil Gold	4	Ounce	\$6.22	\$24.88	\$2,488.00
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Ridomil Gold	4	Ounce	\$6.22	\$24.88	\$2,488.00
Custom					
Apply by Air - 2 Gallons	1	Application	\$6.25	\$6.25	\$625.00
Harvest Cabbage	750	Carton	\$1.31	\$982.50	\$98,250.00
Pack and Count Cabbage	750	Carton	\$2.25	\$1,687.50	\$168,750.00
Sales Consignment Cabbage	750	Carton	\$0.50	\$375.00	\$37,500.00
Irrigation					
Energy or Water Cost	2.80	Acre/Foot	\$20.00	\$56.00	\$5,600.00
Irrigation Labor	7.50	Hour	\$9.00	\$67.50	\$6,750.00
Other Labor					
Unallocated Labor	0.1546	Hour	\$9.00	\$1.39	\$139.14
Machinery Labor					
Tractors/Self-Propelled	2.07	Hour	\$9.00	\$18.63	\$1,863.00
Diesel Fuel					
Tractors/Self-Propelled	12.13	Gallon	\$3.25	\$39.42	\$3,942.25
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$9.25	\$9.25	\$925.19
Implements	1	Acre	\$8.62	\$8.62	\$862.26
Interest on Credit Line			9.00%	\$19.28	\$1,927.67
<b>Total Variable Costs</b>				<b>\$3,841.34</b>	<b>\$384,134.46</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$2,158.66</b>	<b>\$215,865.54</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$5.12</b>	<b>Carton</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$14.65	\$14.65	\$1,464.98
Implements	1	Acre	\$10.96	\$10.96	\$1,096.37
Equipment Investment					
Tractors/Self-Propelled	\$213.75	Dollars	9.00%	\$19.24	\$1,923.76
Implements	\$112.75	Dollars	9.00%	\$10.15	\$1,014.75
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$11,000.00
<b>Total Fixed Costs</b>				<b>\$165.00</b>	<b>\$16,499.87</b>
<b>Total Specified Costs</b>				<b>\$4,006.34</b>	<b>\$400,634.32</b>
<b>Returns Above Specified Costs</b>				<b>\$1,993.66</b>	<b>\$199,365.68</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$5.34</b>	<b>Carton</b>	

Example Breakeven Prices						
Example Yield Percent	Example Yield Carton	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	562.50	\$6.83	\$6.83	\$7.12	\$7.12	\$0.00
90%	675.00	\$5.69	\$5.69	\$5.94	\$5.94	\$0.00
100%	750.00	\$5.12	\$5.12	\$5.34	\$5.34	\$0.00
110%	825.00	\$4.66	\$4.66	\$4.86	\$4.86	\$0.00
125%	937.50	\$4.10	\$4.10	\$4.27	\$4.27	\$0.00

Developed by Luis Ribera, 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.**