

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Cabbage, Fresh Market, Furrow Irrigated, Rio Grande Valley - 100 Acres**  
**South Extension District - 12**

Crop Acres		100				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Cabbage		750.00	Carton	\$7.00	\$5,250.00	\$525,000.00
Total Revenue					\$5,250.00	\$525,000.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
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
Fertilizer						
Phosphorus (46% P2O5)		1.75	CWT	\$24.50	\$42.88	\$4,287.50
Ammonium Nitrate (34% N)		5.8	CWT	\$18.60	\$107.88	\$10,788.00
Herbicide						
Prefar 4E		2.75	Quart	\$16.51	\$45.40	\$4,540.25
Insecticide						
Di-Syston 8		1	Pint	\$9.45	\$9.45	\$945.00
Lorsban		0.25	Gallon	\$45.04	\$11.26	\$1,126.00
Karate		7.68	Ounce	\$2.85	\$21.89	\$2,188.80
Thiodan 3 EC		3	Quart	\$9.03	\$27.09	\$2,709.00
Asana XL		6	Ounce	\$0.65	\$3.90	\$390.00
Seed						
Cabbage Seed		1	Pound	\$150.00	\$150.00	\$15,000.00
Fungicides						
Bravo Ultrex		3.75	Quart	\$12.82	\$48.08	\$4,807.50
Ridomil Gold		12	Ounce	\$6.54	\$78.48	\$7,848.00
Other Labor						
Unallocated Labor		0.1546	Hour	\$9.00	\$1.39	\$139.14
Irrigation						
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
Machinery Labor						
Tractors/Self-Propelled		2.4	Hour	\$9.00	\$21.60	\$2,160.00
Diesel Fuel						
Tractors/Self-Propelled		14.05	Gallon	\$3.00	\$42.15	\$4,215.00
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$26.06	\$26.06	\$2,606.22
Implements		1	Acre	\$17.60	\$17.60	\$1,760.19
Interest on Credit Line						
				9.00%	\$19.64	\$1,963.64
Total Variable Costs					\$3,849.49	\$384,949.25
Planned Returns Above Variable Costs:					\$1,400.51	\$140,050.75
Breakeven Price to Cover Variable Costs				\$5.13	Carton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$26.70	\$26.70	\$2,669.52
Implements		1	Acre	\$20.44	\$20.44	\$2,044.30
Equipment Investment						
Tractors/Self-Propelled		\$301.40	Dollars	9.00%	\$27.13	\$2,712.57
Implements		\$180.67	Dollars	9.00%	\$16.26	\$1,626.05
Cash Rent, Irrigated Vegetables		1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs					\$200.52	\$20,052.44
Total Specified Costs					\$4,050.02	\$405,001.69
Returns Above Specified Costs					\$1,199.98	\$119,998.31
Breakeven Price to Cover Total Costs				\$5.40	Carton	

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	\$6.84	\$6.84	\$7.20	\$7.20	\$0.00
90%	675.00	\$5.70	\$5.70	\$6.00	\$6.00	\$0.00
100%	750.00	\$5.13	\$5.13	\$5.40	\$5.40	\$0.00
110%	825.00	\$4.67	\$4.67	\$4.91	\$4.91	\$0.00
125%	937.50	\$4.11	\$4.11	\$4.32	\$4.32	\$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.**