

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 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
<b>Total Revenue</b>				<b>\$5,250.00</b>	<b>\$525,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Herbicide					
Seed					
Prefar 4E	2.75	Quart	\$18.31	\$50.35	\$5,035.25
Cabbage Seed	1	Pound	\$468.00	\$468.00	\$46,800.00
Fertilizer					
Phosphorus (46% P2O5)	1.75	CWT	\$25.00	\$43.75	\$4,375.00
Ammonium Nitrate (34% N)	5.8	CWT	\$24.00	\$139.20	\$13,920.00
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
Insecticide					
Lorsban 4E	3.55	Pint	\$6.11	\$21.69	\$2,169.05
Admire Pro	0.275	Pint	\$26.67	\$7.33	\$733.43
Karate	7.68	Ounce	\$1.72	\$13.21	\$1,320.96
Asana XL	24	Ounce	\$0.59	\$14.16	\$1,416.00
Other Labor					
Unallocated Labor	0.1546	Hour	\$12.00	\$1.86	\$185.52
Fungicides					
Bravo Ultrex	7	Pound	\$6.93	\$48.51	\$4,851.00
Ridomil Gold SC	72	Ounce	\$0.86	\$61.92	\$6,192.00
Irrigation					
Water Cost	2.80	Acre/Foot	\$20.00	\$56.00	\$5,600.00
Irrigation Labor	7.50	Hour	\$12.00	\$90.00	\$9,000.00
Machinery Labor					
Tractors/Self-Propelled	2.38	Hour	\$12.00	\$28.56	\$2,856.00
Diesel Fuel					
Tractors/Self-Propelled	13.91	Gallon	\$2.10	\$29.21	\$2,921.10
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$29.27	\$29.27	\$2,927.28
Implements	1	Acre	\$15.87	\$15.87	\$1,586.65
Interest on Credit Line			5.00%	\$16.76	\$1,676.25
<b>Total Variable Costs</b>				<b>\$4,186.90</b>	<b>\$418,690.48</b>
Planned Returns Above Variable Costs:				\$1,063.10	\$106,309.52
Breakeven Price to Cover Variable Costs			\$5.58	Carton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$29.99	\$29.99	\$2,998.61
Implements	1	Acre	\$18.83	\$18.83	\$1,883.13
Equipment Investment					
Tractors/Self-Propelled	\$233.60	Dollars	7.00%	\$16.35	\$1,635.21
Implements	\$91.66	Dollars	7.00%	\$6.42	\$641.61
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$11,000.00
<b>Total Fixed Costs</b>				<b>\$181.59</b>	<b>\$18,158.55</b>
<b>Total Specified Costs</b>				<b>\$4,368.49</b>	<b>\$436,849.03</b>
Returns Above Specified Costs				\$881.51	\$88,150.97
<b>Breakeven Price to Cover Total Costs</b>			<b>\$5.82</b>	Carton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Carton	To Cover Variable Costs	To Cover Total Costs
75%	562.50	\$7.44	\$7.77
90%	675.00	\$6.20	\$6.47
100%	750.00	\$5.58	\$5.82
110%	825.00	\$5.08	\$5.30
125%	937.50	\$4.47	\$4.66

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

**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.**