

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 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	\$25.00	\$43.75	\$4,375.00
Ammonium Nitrate (34% N)	5.8	CWT	\$24.00	\$139.20	\$13,920.00
Herbicide					
Prefar 4E	2.75	Quart	\$18.31	\$50.35	\$5,035.25
Insecticide					
Karate	7.68	Ounce	\$1.72	\$13.21	\$1,320.96
Asana XL	24	Ounce	\$0.59	\$14.16	\$1,416.00
Admire Pro	0.275	Pint	\$26.67	\$7.33	\$733.43
Lorsban 4E	3.55	Pint	\$6.11	\$21.69	\$2,169.05
Seed					
Cabbage Seed	1	Pound	\$468.00	\$468.00	\$46,800.00
Fungicides					
Bravo Ultrex	7	Pound	\$6.93	\$48.51	\$4,851.00
Ridomil Gold SC	72	Ounce	\$0.86	\$61.92	\$6,192.00
Other Labor					
Unallocated Labor	0.1546	Hour	\$12.00	\$1.86	\$185.52
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	2.4	Hour	\$12.00	\$28.80	\$2,880.00
Diesel Fuel					
Tractors/Self-Propelled	14.05	Gallon	\$2.10	\$29.51	\$2,950.50
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			5.00%	\$16.73	\$1,673.06
Total Variable Costs				\$4,185.93	\$418,593.18
Planned Returns Above Variable Costs:				\$1,064.07	\$106,406.82
Breakeven Price to Cover Variable Costs			\$5.58	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	\$207.96	Dollars	7.00%	\$14.56	\$1,455.75
Implements	\$101.42	Dollars	7.00%	\$7.10	\$709.94
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs				\$178.80	\$17,879.51
Total Specified Costs				\$4,364.73	\$436,472.69
Returns Above Specified Costs				\$885.27	\$88,527.31
Breakeven Price to Cover Total Costs			\$5.82	Carton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Carton	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	562.50	\$7.44	\$7.76
90%	675.00	\$6.20	\$6.47
100%	750.00	\$5.58	\$5.82
110%	825.00	\$5.07	\$5.29
125%	937.50	\$4.46	\$4.66

Developed by Samuel Zapata, Assistant 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.