

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Cabbage, Fresh Market, Furrow Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres		100				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Cabbage		750.00	Carton	\$7.12	\$5,340.00	\$534,000.00
Total Revenue					\$5,340.00	\$534,000.00
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	\$1.40	\$1,050.00	\$105,000.00
Pack and Count Cabbage		750	Carton	\$2.50	\$1,875.00	\$187,500.00
Fertilizer						
Phosphorus (46% P2O5)		1.75	CWT	\$25.60	\$44.80	\$4,480.00
Ammonium Nitrate (34% N)		5.8	CWT	\$25.85	\$149.92	\$14,991.84
Herbicide						
Prefar 4E		2.75	Quart	\$19.26	\$52.97	\$5,297.08
Insecticide						
Admire Pro		0.275	Pint	\$27.74	\$7.63	\$762.76
Lorsban 4E		3.55	Pint	\$6.35	\$22.56	\$2,255.81
Karate		7.68	Ounce	\$1.79	\$13.74	\$1,373.80
Asana XL		24	Ounce	\$0.61	\$14.73	\$1,472.64
Seed						
Cabbage Seed		1	Pound	\$263.32	\$263.32	\$26,332.00
Fungicides						
Bravo Ultrex		7	Pound	\$7.21	\$50.45	\$5,045.04
Ridomil Gold SC		72	Ounce	\$0.89	\$64.40	\$6,439.68
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		2.38	Hour	\$12.00	\$28.56	\$2,856.00
Diesel Fuel						
Tractors/Self-Propelled		13.91	Gallon	\$2.30	\$31.99	\$3,199.30
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$29.52	\$29.52	\$2,952.04
Implements		1	Acre	\$18.33	\$18.33	\$1,833.44
Interest on Credit Line						
				5.00%	\$14.16	\$1,416.16
Total Variable Costs					\$3,886.18	\$388,618.12
Planned Returns Above Variable Costs:					\$1,453.82	\$145,381.88
Breakeven Price to Cover Variable Costs				\$5.18	Carton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$30.26	\$30.26	\$3,025.65
Implements		1	Acre	\$21.56	\$21.56	\$2,156.09
Equipment Investment						
Tractors/Self-Propelled		\$235.71	Dollars	7.00%	\$16.50	\$1,649.96
Implements		\$98.85	Dollars	7.00%	\$6.92	\$691.94
Cash Rent, Irrigated Vegetables		1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs					\$185.24	\$18,523.64
Total Specified Costs					\$4,071.42	\$407,141.76
Returns Above Specified Costs					\$1,268.58	\$126,858.24
Breakeven Price to Cover Total Costs				\$5.43	Carton	

Example Breakeven Prices			
Example Yield Percent	Example Yield Carton	To Cover Variable Costs	To Cover Total Costs
75%	562.50	\$6.91	\$7.24
90%	675.00	\$5.76	\$6.03
100%	750.00	\$5.18	\$5.43
110%	825.00	\$4.71	\$4.94
125%	937.50	\$4.15	\$4.34

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.