

2021 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	\$10.00	\$7,500.00	\$750,000.00
Total Revenue				\$7,500.00	\$750,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Fertilizer					
Phosphorus (46% P2O5)	1.75	CWT	\$23.30	\$40.78	\$4,077.50
Ammonium Nitrate (34% N)	4.41	CWT	\$18.00	\$79.38	\$7,938.00
Custom					
Harvest Cabbage	750	Carton	\$1.50	\$1,125.00	\$112,500.00
Pack and Count Cabbage	750	Carton	\$3.00	\$2,250.00	\$225,000.00
Insecticide					
Admire Pro	0.275	Pint	\$26.28	\$7.23	\$722.70
Lorsban 4E	3.55	Pint	\$14.15	\$50.23	\$5,023.25
Karate	7.68	Ounce	\$1.79	\$13.74	\$1,373.80
Asana XL	24	Ounce	\$0.60	\$14.43	\$1,443.00
Seed					
Cabbage Seed	24	Thousand	\$5.00	\$120.00	\$12,000.00
Herbicide					
Prefar 4E	2.75	Quart	\$23.80	\$65.44	\$6,543.63
Fungicides					
Bravo Ultrex	7	Pound	\$10.04	\$70.27	\$7,027.34
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	\$2.00	\$27.82	\$2,782.00
Repairs & Maintenance					
Tractors/Self-Propelled	1	Acre	\$32.08	\$32.08	\$3,207.78
Implements	1	Acre	\$20.05	\$20.05	\$2,005.34
Interest on Credit Line			5.00%	\$11.37	\$1,136.51
Total Variable Costs				\$4,168.62	\$416,862.05
Planned Returns Above Variable Costs:				\$3,331.38	\$333,137.95
Breakeven Price to Cover Variable Costs			\$5.56	Carton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Tractors/Self-Propelled	1	Acre	\$32.88	\$32.88	\$3,288.12
Implements	1	Acre	\$23.47	\$23.47	\$2,347.09
Equipment Investment					
Tractors/Self-Propelled	\$256.16	Dollars	7.00%	\$17.93	\$1,793.09
Implements	\$109.62	Dollars	7.00%	\$7.67	\$767.36
Cash Rent, Irrigated Vegetables	1	Acre	\$110.00	\$110.00	\$11,000.00
Total Fixed Costs				\$191.96	\$19,195.66
Total Specified Costs				\$4,360.58	\$436,057.71
Returns Above Specified Costs				\$3,139.42	\$313,942.29
Breakeven Price to Cover Total Costs			\$5.81	Carton	

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.