

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Irrigated Cabbage - 122 Acres
Southwest Extension District - 10

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Cabbage	700.00	Bag	\$7.00	\$4,900.00	\$597,800.00
Total Revenue				\$4,900.00	\$597,800.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Dual Magnum	2	Pint	\$12.13	\$24.26	\$2,959.72
Seed					
Cabbage Seed	1	Acre	\$150.00	\$150.00	\$18,300.00
Fertilizer					
UAN(32% N)	2.52	CWT	\$16.00	\$40.32	\$4,919.04
Fertilizer 18-46-0	109	Pound	\$0.27	\$29.43	\$3,590.46
N-32 in Water	313	Pound	\$0.17	\$53.21	\$6,491.62
Custom					
Cabbage Custom Plant	1	Acre	\$30.00	\$30.00	\$3,660.00
Custom Harvest Cabbage	700	Bag	\$3.00	\$2,100.00	\$256,200.00
Miscellaneous					
Miscellaneous Cabbage Overhead	1	Acre	\$4.00	\$4.00	\$488.00
Crop Insurance - Cabbage	1	Acre	\$134.00	\$134.00	\$16,348.00
Insecticide					
Lorsban 4E	5	Pint	\$5.03	\$25.15	\$3,068.30
Asana XL	32	Ounce	\$0.70	\$22.40	\$2,732.80
Other Labor					
Hand Labor	12.5	Hour	\$8.50	\$106.25	\$12,962.50
Fungicides					
Bravo	4.5	Pint	\$5.63	\$25.34	\$3,090.87
Irrigation					
Energy Cost	845.00	kWh	\$0.17	\$143.65	\$17,525.30
Machinery Labor					
Tractors/Self-Propelled	1.56	Hour	\$12.00	\$18.72	\$2,283.84
Diesel Fuel					
Tractors/Self-Propelled	13.18	Gallon	\$2.10	\$27.68	\$3,376.72
Gasoline					
Pickup/General Use Equipment	1	Acre	\$188.60	\$188.60	\$23,009.20
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$14.71	\$14.71	\$1,794.70
Irrigation Equipment	1	Acre	\$14.12	\$14.12	\$1,723.15
Tractors/Self-Propelled	1	Acre	\$23.62	\$23.62	\$2,881.26
Implements	1	Acre	\$18.05	\$18.05	\$2,201.57
Interest on Credit Line			6.50%	\$13.72	\$1,673.29
Total Variable Costs				\$3,207.22	\$391,280.34
Planned Returns Above Variable Costs:				\$1,692.78	\$206,519.66
Breakeven Price to Cover Variable Costs			\$4.58	Bag	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$76.62	\$76.62	\$9,347.40
Irrigation Equipment	1	Acre	\$55.61	\$55.61	\$6,784.07
Tractors/Self-Propelled	1	Acre	\$29.94	\$29.94	\$3,652.83
Implements	1	Acre	\$20.87	\$20.87	\$2,545.54
Equipment Investment					
Pickup/General Use Equipment	\$319.24	Dollars	6.50%	\$20.75	\$2,531.59
Irrigation Equipment	\$417.05	Dollars	6.50%	\$27.11	\$3,307.23
Tractors/Self-Propelled	\$233.71	Dollars	6.50%	\$15.19	\$1,853.28
Implements	\$99.03	Dollars	6.50%	\$6.44	\$785.31
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$302.52	\$36,907.24
Total Specified Costs				\$3,509.73	\$428,187.58
Returns Above Specified Costs				\$1,390.27	\$169,612.42
Breakeven Price to Cover Total Costs			\$5.01	Bag	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	525.00	\$6.11	\$6.69
90%	630.00	\$5.09	\$5.57
100%	700.00	\$4.58	\$5.01
110%	770.00	\$4.17	\$4.56
125%	875.00	\$3.67	\$4.01

Developed by Rob Hogan, 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.