

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Irrigated Cabbage - 122 Acres
Southwest Extension District - 10

Crop Acres	122		Enterprise		
REVENUE	Quantity	Units	\$/Unit	Total	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	Total
Production Costs					
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	\$0.28	\$30.52	\$3,723.44
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	\$237.00	\$237.00	\$28,914.00
Herbicide					
Dual Magnum	2	Pint	\$13.13	\$26.26	\$3,203.72
Insecticide					
Lorsban 4E	5	Pint	\$5.25	\$26.25	\$3,202.50
Asana XL	32	Ounce	\$0.81	\$25.92	\$3,162.24
Other Labor					
Hand Labor	12.5	Hour	\$8.50	\$106.25	\$12,962.50
Fungicides					
Bravo	4.5	Pint	\$4.00	\$18.00	\$2,196.00
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	\$2.15	\$28.34	\$3,457.11
Gasoline					
Pickup/General Use Equipment	1	Acre	\$188.60	\$188.60	\$23,009.20
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$20.43	\$20.43	\$2,492.64
Irrigation Equipment	1	Acre	\$14.12	\$14.12	\$1,723.15
Tractors/Self-Propelled	1	Acre	\$25.39	\$25.39	\$3,097.52
Implements	1	Acre	\$18.05	\$18.05	\$2,201.57
Interest on Credit Line			6.50%	\$16.31	\$1,990.09
Total Variable Costs				\$3,321.34	\$405,203.48
Planned Returns Above Variable Costs:				\$1,578.66	\$192,596.52
Breakeven Price to Cover Variable Costs			\$4.74	Bag	Enterprise
FIXED COSTS	Quantity	Units	\$/Unit	Total	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	\$30.54	\$30.54	\$3,726.39
Implements	1	Acre	\$20.87	\$20.87	\$2,545.54
Equipment Investment					
Pickup/General Use Equipment	\$510.79	Dollars	6.50%	\$33.20	\$4,050.54
Irrigation Equipment	\$834.11	Dollars	6.50%	\$54.22	\$6,614.47
Tractors/Self-Propelled	\$345.63	Dollars	6.50%	\$22.47	\$2,740.81
Implements	\$172.79	Dollars	6.50%	\$11.23	\$1,370.19
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$354.75	\$43,279.41
Total Specified Costs				\$3,676.09	\$448,482.89
Returns Above Specified Costs				\$1,223.91	\$149,317.11
Breakeven Price to Cover Total Costs			\$5.25	Bag	

Example Breakeven Prices						
Example Yield Percent	Example Yield Bag	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share/Tenant	Own/Rent	Share/Tenant	Landlord
75%	525.00	\$6.33	\$6.33	\$7.00	\$7.00	\$0.00
90%	630.00	\$5.27	\$5.27	\$5.84	\$5.84	\$0.00
100%	700.00	\$4.74	\$4.74	\$5.25	\$5.25	\$0.00
110%	770.00	\$4.31	\$4.31	\$4.77	\$4.77	\$0.00
125%	875.00	\$3.80	\$3.80	\$4.20	\$4.20	\$0.00

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.