

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 Estimated Costs and Returns per Acre**  
**Irrigated Cabbage**  
**Southwest Extension District - 10**

Crop Acres	122					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Cabbage	700.00	Bag	\$7.50	\$5,250.00	\$640,500.00	
Total Revenue				\$5,250.00	\$640,500.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Production Costs</b>						
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	\$17.00	\$42.84	\$5,226.48	
Fertilizer 18-46-0	109	Pound	\$0.24	\$26.16	\$3,191.52	
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	\$0.59	\$18.88	\$2,303.36	
Other Labor						
Hand Labor	12.5	Hour	\$8.50	\$106.25	\$12,962.50	
Fungicides						
Echo 720	4.5	Pint	\$3.63	\$16.34	\$1,992.87	
Irrigation						
Energy Cost	845.00	kWh	\$0.17	\$143.65	\$17,525.30	
Machinery Labor						
Tractors/Self-Propelled	1.5	Hour	\$12.00	\$18.00	\$2,196.00	
Other Labor	0.05	Hour	\$8.50	\$0.43	\$51.85	
Diesel Fuel						
Tractors/Self-Propelled	12.9	Gallon	\$2.14	\$27.61	\$3,367.93	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$70.31	\$70.31	\$8,577.95	
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	\$27.55	\$27.55	\$3,360.83	
Implements	1	Acre	\$19.85	\$19.85	\$2,421.45	
Interest on Credit Line			6.50%	\$14.44	\$1,761.42	
Total Variable Costs				\$3,081.75	\$375,972.96	
Planned Returns Above Variable Costs:				\$2,168.25	\$264,527.04	
Breakeven Price to Cover Variable Costs			\$4.40	Bag		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise	
<b>Machinery Depreciation</b>						
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	\$33.19	\$33.19	\$4,048.63	
Implements	1	Acre	\$23.25	\$23.25	\$2,836.09	
<b>Equipment Investment</b>						
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	\$256.31	Dollars	6.50%	\$16.66	\$2,032.56	
Implements	\$113.13	Dollars	6.50%	\$7.35	\$897.10	
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00	
Total Fixed Costs				\$310.53	\$37,884.67	
Total Specified Costs				\$3,392.28	\$413,857.62	
Returns Above Specified Costs				\$1,857.72	\$226,642.38	
Breakeven Price to Cover Total Costs			\$4.85	Bag		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	525.00	\$5.87	\$6.46
90%	630.00	\$4.89	\$5.38
100%	700.00	\$4.40	\$4.85
110%	770.00	\$4.00	\$4.41
125%	875.00	\$3.52	\$3.88

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

**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.**