

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 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	\$7.50	\$5,250.00	\$640,500.00
Total Revenue				\$5,250.00	\$640,500.00
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	\$12.00	\$30.24	\$3,689.28
Fertilizer 18-46-0	109	Pound	\$0.22	\$23.98	\$2,925.56
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	1.55	Hour	\$12.00	\$18.60	\$2,269.20
Diesel Fuel					
Tractors/Self-Propelled	13.05	Gallon	\$1.83	\$23.88	\$2,913.54
Gasoline					
Pickup/General Use Equipment	1	Acre	\$61.49	\$61.49	\$7,501.22
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	\$27.04	\$27.04	\$3,299.19
Implements	1	Acre	\$19.27	\$19.27	\$2,351.18
Interest on Credit Line			6.50%	\$13.57	\$1,655.30
Total Variable Costs				\$3,052.64	\$372,422.00
Planned Returns Above Variable Costs:				\$2,197.36	\$268,078.00
Breakeven Price to Cover Variable Costs			\$4.36	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	\$32.47	\$32.47	\$3,961.93
Implements	1	Acre	\$22.48	\$22.48	\$2,743.13
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	\$250.86	Dollars	6.50%	\$16.31	\$1,989.35
Implements	\$108.70	Dollars	6.50%	\$7.07	\$862.00
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$308.42	\$37,626.71
Total Specified Costs				\$3,361.05	\$410,048.70
Returns Above Specified Costs				\$1,888.95	\$230,451.30
Breakeven Price to Cover Total Costs			\$4.80	Bag	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	525.00	\$5.81	\$6.40
90%	630.00	\$4.85	\$5.34
100%	700.00	\$4.36	\$4.80
110%	770.00	\$3.96	\$4.37
125%	875.00	\$3.49	\$3.84

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.