

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Irrigated Cabbage
Southwest Extension District - 10

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Cabbage	700.00	Bag	\$10.00	\$7,000.00	\$7,000.00	\$854,000.00
Total Revenue				\$7,000.00		\$854,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Production Costs						
Herbicide						
Seed						
Dual Magnum	2	Pint	\$12.38	\$24.76		\$3,020.72
Cabbage Seed	1	Acre	\$150.00	\$150.00		\$18,300.00
Fertilizer						
UAN(32% N)	2.52	CWT	\$13.00	\$32.76		\$3,996.72
Fertilizer 18-46-0	109	Pound	\$0.29	\$31.61		\$3,856.42
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	\$3.75	\$16.88		\$2,058.75
Irrigation						
Energy Cost	858.00	kWh	\$0.17	\$145.86		\$17,794.92
Irrigation Labor	0.10	Hour	\$11.00	\$1.14		\$139.57
Machinery Labor						
Tractors/Self-Propelled	1.49	Hour	\$12.00	\$17.88		\$2,181.36
Other Labor	0.05	Hour	\$8.50	\$0.43		\$51.85
Diesel Fuel						
Tractors/Self-Propelled	12.9	Gallon	\$2.99	\$38.57		\$4,705.66
Gasoline						
Pickup/General Use Equipment	1	Acre	\$85.02	\$85.02		\$10,372.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$14.71	\$14.71		\$1,794.70
Irrigation Equipment	1	Acre	\$8.09	\$8.09		\$986.68
Tractors/Self-Propelled	1	Acre	\$27.89	\$27.89		\$3,402.13
Implements	1	Acre	\$19.49	\$19.49		\$2,377.91
Interest on Credit Line			6.50%	\$14.73		\$1,796.61
Total Variable Costs				\$3,101.30		\$378,358.27
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$4.43	Bag		\$475,641.73
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$76.62	\$76.62		\$9,347.40
Irrigation Equipment	1	Acre	\$80.58	\$80.58		\$9,831.25
Tractors/Self-Propelled	1	Acre	\$33.63	\$33.63		\$4,102.48
Implements	1	Acre	\$22.93	\$22.93		\$2,797.35
Equipment Investment						
Pickup/General Use Equipment	\$319.24	Dollars	6.50%	\$20.75		\$2,531.59
Irrigation Equipment	\$646.00	Dollars	6.50%	\$41.99		\$5,122.81
Tractors/Self-Propelled	\$259.71	Dollars	6.50%	\$16.88		\$2,059.50
Implements	\$112.39	Dollars	6.50%	\$7.31		\$891.28
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00		\$6,100.00
Total Fixed Costs				\$350.69		\$42,783.66
Total Specified Costs				\$3,451.98		\$421,141.93
Returns Above Specified Costs					\$3,548.02	\$432,858.07
Breakeven Price to Cover Total Costs			\$4.93	Bag		

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	525.00	\$5.91	\$6.58
90%	630.00	\$4.92	\$5.48
100%	700.00	\$4.43	\$4.93
110%	770.00	\$4.03	\$4.48
125%	875.00	\$3.54	\$3.95

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.