

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Irrigated Cabbage
Southwest Extension District - 10

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise
Cabbage	700.00	Bag	\$14.00	\$9,800.00	\$9,800.00	\$1,195,600.00
Total Revenue				\$9,800.00	\$9,800.00	\$1,195,600.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Herbicide						
Seed						
Dual Magnum	2	Pint	\$11.22	\$22.44	\$22.44	\$2,737.44
Cabbage Seed	1	Acre	\$134.75	\$134.75	\$134.75	\$16,439.50
Fertilizer						
UAN(32% N)	2.52	CWT	\$12.95	\$32.63	\$32.63	\$3,981.35
Fertilizer 18-46-0	109	Pound	\$0.25	\$26.71	\$26.71	\$3,258.01
N-32 in Water	313	Pound	\$0.13	\$40.53	\$40.53	\$4,945.09
Custom						
Cabbage Custom Plant	1	Acre	\$30.00	\$30.00	\$30.00	\$3,660.00
Custom Harvest Cabbage	700	Bag	\$3.00	\$2,100.00	\$2,100.00	\$256,200.00
Miscellaneous						
Miscellaneous Cabbage Overhead	1	Acre	\$4.00	\$4.00	\$4.00	\$488.00
Crop Insurance - Cabbage	1	Acre	\$134.00	\$134.00	\$134.00	\$16,348.00
Insecticide						
Lorsban 4E	5	Pint	\$4.52	\$22.60	\$22.60	\$2,756.59
Asana XL	32	Ounce	\$0.59	\$18.88	\$18.88	\$2,303.36
Other Labor						
Hand Labor	12.5	Hour	\$8.50	\$106.25	\$106.25	\$12,962.50
Fungicides						
Echo 720	4.5	Pint	\$5.70	\$25.65	\$25.65	\$3,129.30
Irrigation						
Energy Cost	858.00	kWh	\$0.17	\$145.86	\$145.86	\$17,794.92
Irrigation Labor	0.10	Hour	\$11.00	\$1.14	\$1.14	\$139.57
Machinery Labor						
Tractors/Self-Propelled	1.52	Hour	\$12.00	\$18.24	\$18.24	\$2,225.28
Other Labor	0.05	Hour	\$8.50	\$0.43	\$0.43	\$51.85
Diesel Fuel						
Tractors/Self-Propelled	13.08	Gallon	\$2.49	\$32.57	\$32.57	\$3,973.44
Gasoline						
Pickup/General Use Equipment	1	Acre	\$70.31	\$70.31	\$70.31	\$8,577.95
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$14.71	\$14.71	\$14.71	\$1,794.70
Irrigation Equipment	1	Acre	\$8.09	\$8.09	\$8.09	\$986.68
Tractors/Self-Propelled	1	Acre	\$30.74	\$30.74	\$30.74	\$3,750.00
Implements	1	Acre	\$19.68	\$19.68	\$19.68	\$2,400.85
Interest on Credit Line			6.50%	\$13.88	\$13.88	\$1,693.17
Total Variable Costs				\$3,054.08	\$3,054.08	\$372,597.53
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$4.36	\$4.36	\$4.36	\$823,002.47
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$76.62	\$76.62	\$76.62	\$9,347.40
Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$80.58	\$9,831.25
Tractors/Self-Propelled	1	Acre	\$37.23	\$37.23	\$37.23	\$4,541.60
Implements	1	Acre	\$23.14	\$23.14	\$23.14	\$2,822.74
Equipment Investment						
Pickup/General Use Equipment	\$319.24	Dollars	6.50%	\$20.75	\$20.75	\$2,531.59
Irrigation Equipment	\$646.00	Dollars	6.50%	\$41.99	\$41.99	\$5,122.81
Tractors/Self-Propelled	\$287.45	Dollars	6.50%	\$18.68	\$18.68	\$2,279.44
Implements	\$113.87	Dollars	6.50%	\$7.40	\$7.40	\$902.99
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$356.39	\$356.39	\$43,479.81
Total Specified Costs				\$3,410.47	\$3,410.47	\$416,077.35
Returns Above Specified Costs					\$6,389.53	\$779,522.65
Breakeven Price to Cover Total Costs			\$4.87	\$4.87	\$4.87	\$592,200.00

Example Breakeven Prices			
Example Yield Percent	Example Yield Bag	To Cover Variable Costs	To Cover Total Costs
75%	525.00	\$5.82	\$6.50
90%	630.00	\$4.85	\$5.41
100%	700.00	\$4.36	\$4.87
110%	770.00	\$3.97	\$4.43
125%	875.00	\$3.49	\$3.90

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.