

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2014 Estimated Costs and Returns per Acre**  
**Corn Silage, Bt, Sprinkler Irrigated (NG) - 122 Acres**  
**Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Corn Silage		27.00	Ton	\$44.40	\$1,198.80	\$146,253.60
Total Revenue					\$1,198.80	\$146,253.60
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Corn Silage	0.4	Bag	\$280.00	\$112.00	\$13,664.00
Fertilizer						
	Fertilizer (N) - ANH3	126	Pound	\$0.38	\$47.88	\$5,841.36
	Fertilizer (P) - Liquid	60	Pound	\$0.79	\$47.40	\$5,782.80
	Fertilizer (N) - Liquid	78	Pound	\$0.64	\$49.92	\$6,090.24
Herbicide						
	Herbicide - Corn Preplant	1	Acre	\$17.36	\$17.36	\$2,117.41
	Herbicide - Corn Postplant	1	Acre	\$15.69	\$15.69	\$1,914.08
Insecticide						
	Miticide	1	Acre	\$21.52	\$21.52	\$2,626.04
	Insecticide and Apply Corn Silage	1	Acre	\$26.42	\$26.42	\$3,222.64
Miscellaneous						
	Crop Insurance Corn Silage Irrigat	1	Acre	\$25.63	\$25.63	\$3,127.10
Custom						
	Fertilizer Application - ANH3	1	Acre	\$11.75	\$11.75	\$1,433.50
	Harvest and Haul - Corn Silage	27	Ton	\$8.58	\$231.66	\$28,262.52
Irrigation						
	Energy or Water Cost	20.00	AcreInch	\$4.30	\$86.00	\$10,492.00
	Irrigation Labor	1.28	Hour	\$11.75	\$15.04	\$1,834.88
Machinery Labor						
	Tractors/Self-Propelled	1.14	Hour	\$11.75	\$13.40	\$1,634.19
Diesel Fuel						
	Tractors/Self-Propelled	2.92	Gallon	\$3.28	\$9.58	\$1,168.47
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$9.99	\$9.99	\$1,218.75
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$3.76	\$3.76	\$459.00
	Irrigation Equipment	1	Acre	\$80.80	\$80.80	\$9,857.60
	Tractors/Self-Propelled	1	Acre	\$9.76	\$9.76	\$1,190.17
	Implements	1	Acre	\$19.01	\$19.01	\$2,319.42
	Interest on Credit Line			4.75%	\$11.12	\$1,356.31
Total Variable Costs					\$865.68	\$105,612.49
Planned Returns Above Variable Costs:					\$333.12	\$40,641.11
Breakeven Price to Cover Variable Costs				\$32.06	Ton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$481.95
	Irrigation Equipment	1	Acre	\$22.50	\$22.50	\$2,745.60
	Tractors/Self-Propelled	1	Acre	\$9.61	\$9.61	\$1,172.44
	Implements	1	Acre	\$23.47	\$23.47	\$2,863.33
Equipment Investment						
	Pickup/General Use Equipment	\$47.03	Dollars	5.25%	\$2.47	\$301.22
	Irrigation Equipment	\$703.28	Dollars	5.25%	\$36.92	\$4,504.50
	Tractors/Self-Propelled	\$108.50	Dollars	5.25%	\$5.70	\$694.95
	Implements	\$182.54	Dollars	5.25%	\$9.58	\$1,169.19
	Cash Rent - Corn	1	Acre	\$140.00	\$140.00	\$17,080.00
Total Fixed Costs					\$254.21	\$31,013.19
Total Specified Costs					\$1,119.88	\$136,625.68
Returns Above Specified Costs					\$78.92	\$9,627.92
Breakeven Price to Cover Total Costs				\$41.48	Ton	

Example Breakeven Prices						
Example Yield Percent	Example Yield Ton	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	20.25	\$42.75	\$42.75	\$55.30	\$55.30	\$0.00
90%	24.30	\$35.62	\$35.62	\$46.09	\$46.09	\$0.00
100%	27.00	\$32.06	\$32.06	\$41.48	\$41.48	\$0.00
110%	29.70	\$29.15	\$29.15	\$37.71	\$37.71	\$0.00
125%	33.75	\$25.65	\$25.65	\$33.18	\$33.18	\$0.00

Developed by Steve Amosson, Regents Fellow, 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.**