

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**Corn Silage, Bt, Sprinkler Irrigated (NG)**  
**Panhandle Extension District - 1**

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn Silage	27.00	Ton	\$38.35	\$1,035.45	\$126,324.90	\$126,324.90
<b>Total Revenue</b>				<b>\$1,035.45</b>	<b>\$126,324.90</b>	<b>\$126,324.90</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Custom						
Fertilizer Application - ANH3	1	Acre	\$15.36	\$15.36	\$1,873.92	\$1,873.92
Harvest and Haul - Corn Silage	27	Ton	\$9.22	\$248.94	\$30,370.68	\$30,370.68
Fertilizer						
Fertilizer (P) - Liquid	90	Pound	\$0.54	\$48.60	\$5,929.20	\$5,929.20
Fertilizer (N) - ANH3	160	Pound	\$0.28	\$44.80	\$5,465.60	\$5,465.60
Fertilizer (N) - Liquid	95	Pound	\$0.47	\$44.65	\$5,447.30	\$5,447.30
Herbicide						
Herbicide - Corn Preplant	1	Acre	\$18.32	\$18.32	\$2,235.04	\$2,235.04
Herbicide - Corn Postplant	1	Acre	\$16.54	\$16.54	\$2,017.88	\$2,017.88
Insecticide						
Miticide	1	Acre	\$21.86	\$21.86	\$2,666.92	\$2,666.92
Insecticide and Apply Corn Silage	1	Acre	\$26.54	\$26.54	\$3,237.88	\$3,237.88
Miscellaneous						
Crop Insurance Corn Silage Irrigated	1	Acre	\$40.15	\$40.15	\$4,898.30	\$4,898.30
Seed						
Seed - Corn Silage	0.44	Bag	\$255.00	\$112.20	\$13,688.40	\$13,688.40
Irrigation						
Energy Cost	20.00	AcreInch	\$3.40	\$68.00	\$8,296.00	\$8,296.00
Irrigation Labor	1.28	Hour	\$13.24	\$16.95	\$2,067.56	\$2,067.56
Machinery Labor						
Tractors/Self-Propelled	0.52	Hour	\$13.03	\$6.78	\$826.62	\$826.62
Other Labor	0.6	Hour	\$13.03	\$7.82	\$953.80	\$953.80
Diesel Fuel						
Tractors/Self-Propelled	3.02	Gallon	\$2.33	\$7.04	\$858.47	\$858.47
Gasoline						
Pickup/General Use Equipment	1	Acre	\$7.22	\$7.22	\$881.25	\$881.25
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$3.76	\$3.76	\$459.00	\$459.00
Irrigation Equipment	1	Acre	\$75.00	\$75.00	\$9,150.00	\$9,150.00
Tractors/Self-Propelled	1	Acre	\$5.25	\$5.25	\$641.04	\$641.04
Implements	1	Acre	\$12.56	\$12.56	\$1,531.94	\$1,531.94
Interest on Credit Line			6.04%	\$14.28	\$1,742.24	\$1,742.24
<b>Total Variable Costs</b>				<b>\$862.62</b>	<b>\$105,239.03</b>	<b>\$105,239.03</b>
Planned Returns Above Variable Costs:				\$172.83	\$21,085.87	\$21,085.87
Breakeven Price to Cover Variable Costs			\$31.95	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$3.95	\$3.95	\$481.95	\$481.95
Irrigation Equipment	1	Acre	\$47.34	\$47.34	\$5,775.00	\$5,775.00
Tractors/Self-Propelled	1	Acre	\$5.21	\$5.21	\$635.30	\$635.30
Implements	1	Acre	\$15.49	\$15.49	\$1,889.46	\$1,889.46
Equipment Investment						
Pickup/General Use Equipment	\$27.28	Dollars	6.32%	\$1.72	\$210.31	\$210.31
Irrigation Equipment	\$571.72	Dollars	6.32%	\$36.13	\$4,408.20	\$4,408.20
Tractors/Self-Propelled	\$40.57	Dollars	6.32%	\$2.56	\$312.79	\$312.79
Implements	\$66.25	Dollars	6.32%	\$4.19	\$510.82	\$510.82
Cash Rent - Corn	1	Acre	\$120.00	\$120.00	\$14,640.00	\$14,640.00
<b>Total Fixed Costs</b>				<b>\$236.59</b>	<b>\$28,863.83</b>	<b>\$28,863.83</b>
<b>Total Specified Costs</b>				<b>\$1,099.20</b>	<b>\$134,102.87</b>	<b>\$134,102.87</b>
Returns Above Specified Costs				(\$63.75)	(\$7,777.97)	(\$7,777.97)
<b>Breakeven Price to Cover Total Costs</b>			<b>\$40.71</b>	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	20.25	\$42.60	\$54.28
90%	24.30	\$35.50	\$45.23
100%	27.00	\$31.95	\$40.71
110%	29.70	\$29.04	\$37.01
125%	33.75	\$25.56	\$32.57

Developed by DeDe Jones, Extension Risk Management Specialist III, Texas A&M AgriLife Extension, 806-677-5600.

**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.**