

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
Corn for Silage, Pivot Irrigated, Herbicide Tolerant, Insect Resistant - 122 Acres
South Plains Extension District - 2

Crop Acres		122				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
Corn Silage		28.00	Ton	\$55.00	\$1,540.00	\$187,880.00
Total Revenue					\$1,540.00	\$187,880.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Corn Silage	40	Thousand	\$3.40	\$136.00	\$16,592.00
Fertilizer						
	Fertilizer (N)	250	Pound	\$0.55	\$137.50	\$16,775.00
	Fertilizer (P)	100	Pound	\$0.60	\$60.00	\$7,320.00
Herbicide						
	Herbicide and Apply Corn Silage	1	Acre	\$20.00	\$20.00	\$2,440.00
Insecticide						
	Insecticide and Apply Corn Silage	1	Acre	\$25.00	\$25.00	\$3,050.00
Miscellaneous						
	Crop Insurance Corn Silage	1	Acre	\$18.00	\$18.00	\$2,196.00
Custom						
	Fertilizer Application	1	Acre	\$10.00	\$10.00	\$1,220.00
	Harvest and Haul - Corn Silage	28	Ton	\$7.00	\$196.00	\$23,912.00
Irrigation						
	Energy or Water Cost	20.00	AcreInch	\$9.00	\$180.00	\$21,960.00
	Irrigation Labor	1.00	Hour	\$11.75	\$11.75	\$1,433.50
Machinery Labor						
	Tractors/Self-Propelled	1	Hour	\$11.75	\$11.75	\$1,433.50
Diesel Fuel						
	Tractors/Self-Propelled	2.75	Gallon	\$3.20	\$8.80	\$1,073.60
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$1.75	\$1.75	\$213.50
	Irrigation Equipment	1	Acre	\$30.00	\$30.00	\$3,660.00
	Tractors/Self-Propelled	1	Acre	\$6.00	\$6.00	\$732.00
	Implements	1	Acre	\$3.00	\$3.00	\$366.00
	Interest on Credit Line			6.00%	\$12.13	\$1,479.31
Total Variable Costs					\$867.68	\$105,856.41
Planned Returns Above Variable Costs:					\$672.32	\$82,023.59
Breakeven Price to Cover Variable Costs				\$30.99	Ton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Equipment Investment						
	Pickup/General Use Equipment	\$35.78	Dollars	7.00%	\$2.50	\$305.55
	Irrigation Equipment	\$714.29	Dollars	7.00%	\$50.00	\$6,100.00
	Tractors/Self-Propelled	\$171.43	Dollars	7.00%	\$12.00	\$1,464.00
	Implements	\$142.86	Dollars	7.00%	\$10.00	\$1,220.00
	Cash Rent - Corn	1	Acre	\$130.00	\$130.00	\$15,860.00
Total Fixed Costs					\$204.50	\$24,949.55
Total Specified Costs					\$1,072.18	\$130,805.96
Returns Above Specified Costs					\$467.82	\$57,074.04
Breakeven Price to Cover Total Costs				\$38.29	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%	21.00	\$41.32	\$41.32	\$51.06	\$51.06	\$0.00
90%	25.20	\$34.43	\$34.43	\$42.55	\$42.55	\$0.00
100%	28.00	\$30.99	\$30.99	\$38.29	\$38.29	\$0.00
110%	30.80	\$28.17	\$28.17	\$34.81	\$34.81	\$0.00
125%	35.00	\$24.79	\$24.79	\$30.63	\$30.63	\$0.00

Developed by Jackie Smith, 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.