

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Herbicide Resistant Corn (Reduced-Till) - 500 Acres
Central Texas Extension District - 8

Crop Acres		500				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Corn	90.00	Bus.	\$6.00	\$540.00	\$540.00	\$270,000.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Total Revenue				\$540.00	\$540.00	\$270,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Fertilizer						
Custom						
Fert - (N, P, Zinc, S)	1	Acre	\$70.00	\$70.00	\$70.00	\$35,000.00
Liquid Fertilizer Rig	1	Acre	\$4.00	\$4.00	\$4.00	\$2,000.00
Herbicide						
Herbicide, Atrazine	2	Pounds	\$2.88	\$5.76	\$5.76	\$2,880.00
Corn Herbicide	22	Ounce	\$0.24	\$5.28	\$5.28	\$2,640.00
Weed Burndown	22	Ounce	\$0.24	\$5.28	\$5.28	\$2,640.00
Insecticide						
Corn Insecticide	1	Acre	\$14.41	\$14.41	\$14.41	\$7,205.00
Seed						
Herb Resis Corn Seed	1	Acre	\$65.00	\$65.00	\$65.00	\$32,500.00
Crop Insurance						
Insurance - corn 70% CRC	1	Acre	\$8.77	\$8.77	\$8.77	\$4,385.00
Diesel Fuel						
Tractors	5.07	Gallons	\$2.65	\$13.44	\$13.44	\$6,719.62
Self Propelled	0.50	Gallons	\$2.65	\$1.33	\$1.33	\$662.50
Gasoline						
Self Propelled	1.50	Gallons	\$2.73	\$4.10	\$4.10	\$2,047.51
Repairs & Maintenance						
Implements	1	Acre	\$4.16	\$4.16	\$4.16	\$2,079.53
Tractors	1	Acre	\$3.76	\$3.76	\$3.76	\$1,878.21
Self Propelled	1	Acre	\$2.87	\$2.87	\$2.87	\$1,433.05
Operator Labor						
Tractors	0.70	Hours	\$10.00	\$6.97	\$6.97	\$3,486.50
Self Propelled	0.05	Hours	\$10.00	\$0.50	\$0.50	\$250.00
Interest on Credit Line			4.75%	\$4.86	\$4.86	\$2,431.01
Total Variable Costs				\$220.48	\$220.48	\$110,237.93
Planned Returns Above Variable Costs:				\$319.52	\$319.52	\$159,762.07
Breakeven Price to Cover Variable Costs			\$2.45	Bus.		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery						
Implements	1	Acre	\$10.60	\$10.60	\$10.60	\$5,298.89
Tractors	1	Acre	\$10.27	\$10.27	\$10.27	\$5,133.79
Self Propelled	1	Acre	\$6.30	\$6.30	\$6.30	\$3,150.88
Land Rent	1	Acre	\$0.00	\$0.00	\$0.00	\$0.00
Total Fixed Costs				\$27.17	\$27.17	\$13,583.55
Total Specified Costs				\$247.64	\$247.64	\$123,821.48
Returns Above Specified Costs				\$292.36	\$292.36	\$146,178.52
Breakeven Price to Cover Total Costs			\$2.75	Bus.		

Breakeven Prices						
Yield Percent	Yield Bus.	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	67.50	\$3.27	\$3.27	\$3.67	\$3.67	\$0.00
90%	81.00	\$2.72	\$2.72	\$3.06	\$3.06	\$0.00
100%	90.00	\$2.45	\$2.45	\$2.75	\$2.75	\$0.00
110%	99.00	\$2.23	\$2.23	\$2.50	\$2.50	\$0.00
125%	112.50	\$1.96	\$1.96	\$2.20	\$2.20	\$0.00

Developed by Jason Johnson, Associate 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.