

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2020 Estimated Costs and Returns per Acre**  
**Herbicide Resistant Corn**  
**Central Texas Extension District - 8**

Crop Acres		500			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Corn	90.00	Bushel	\$4.00	\$360.00	\$180,000.00
<b>Total Revenue</b>				<b>\$360.00</b>	<b>\$180,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Liquid Fertilizer Rig	1	Acre	\$4.00	\$4.00	\$2,000.00
Custom Grain Haul	90	Bushel	\$0.20	\$18.00	\$9,000.00
Fertilizer					
Fertilizer - N, P, Zinc, S	1	Acre	\$100.00	\$100.00	\$50,000.00
Herbicide					
Herbicide, Atrazine	2	Pound	\$4.00	\$8.00	\$4,000.00
Corn Herbicide	32	Ounce	\$0.20	\$6.40	\$3,200.00
Weed Burndown	32	Ounce	\$0.20	\$6.40	\$3,200.00
Seed					
Herbicide Resistant Corn Seed	1	Acre	\$85.00	\$85.00	\$42,500.00
Miscellaneous					
Insurance - Corn 70%	1	Acre	\$20.00	\$20.00	\$10,000.00
Insurance - Corn SCO	1	Acre	\$4.00	\$4.00	\$2,000.00
Insecticide					
Corn Insecticide	1	Acre	\$14.41	\$14.41	\$7,205.00
Machinery Labor					
Tractors/Self-Propelled	0.94	Hour	\$10.00	\$9.40	\$4,700.00
Diesel Fuel					
Tractors/Self-Propelled	9.14	Gallon	\$2.85	\$26.05	\$13,024.50
Gasoline					
Pickup/General Use Equipment	1	Acre	\$3.30	\$3.30	\$1,650.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.67	\$0.67	\$336.00
Tractors/Self-Propelled	1	Acre	\$33.83	\$33.83	\$16,915.65
Implements	1	Acre	\$23.68	\$23.68	\$11,839.62
Interest on Credit Line			4.75%	\$7.83	\$3,914.10
<b>Total Variable Costs</b>				<b>\$370.97</b>	<b>\$185,484.87</b>
<b>Planned Returns Above Variable Costs:</b>				<b>(\$10.97)</b>	<b>(\$5,484.87)</b>
Breakeven Price to Cover Variable Costs			\$4.12	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$0.70	\$0.70	\$348.60
Tractors/Self-Propelled	1	Acre	\$32.43	\$32.43	\$16,216.65
Implements	1	Acre	\$29.34	\$29.34	\$14,672.41
Equipment Investment					
Pickup/General Use Equipment	\$4.91	Dollars	6.00%	\$0.29	\$147.42
Tractors/Self-Propelled	\$247.62	Dollars	6.00%	\$14.86	\$7,428.50
Implements	\$144.60	Dollars	6.00%	\$8.68	\$4,337.90
Corn Land Rent	1	Acre	\$50.00	\$50.00	\$25,000.00
<b>Total Fixed Costs</b>				<b>\$136.30</b>	<b>\$68,151.48</b>
<b>Total Specified Costs</b>				<b>\$507.27</b>	<b>\$253,636.36</b>
<b>Returns Above Specified Costs</b>				<b>(\$147.27)</b>	<b>(\$73,636.36)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$5.64</b>	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	67.50	\$5.50	\$7.52
90%	81.00	\$4.58	\$6.26
100%	90.00	\$4.12	\$5.64
110%	99.00	\$3.75	\$5.12
125%	112.50	\$3.30	\$4.51

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**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.**