

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Corn, Reduced Tillage, Furrow Irrigated, Rio Grande Valley
South Extension District - 12

Crop Acres		100				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Corn		140.00	Bushel	\$3.75	\$525.00	\$52,500.00
Total Revenue					\$525.00	\$52,500.00
VARIABLE COSTS						
Production Costs						
Custom						
Custom Harvest Corn		140	Bushel	\$0.33	\$46.20	\$4,620.00
Custom Haul Corn		140	Bushel	\$0.16	\$22.40	\$2,240.00
Fertilizer						
UAN (32% N)		2.6	CWT	\$15.08	\$39.20	\$3,920.28
Herbicide						
Glyphosate		1.25	Pint	\$2.61	\$3.26	\$326.12
AAtrex 4L		2	Pint	\$2.48	\$4.95	\$495.28
Seed						
Corn Seed		25	Thousand	\$2.59	\$64.77	\$6,476.72
Miscellaneous						
Insurance, Corn		1	Acre	\$15.00	\$15.00	\$1,500.00
Other Labor						
Unallocated Labor		0.2096	Hour	\$12.00	\$2.52	\$251.52
Irrigation						
Water Cost		0.80	Acre/Foot	\$20.00	\$16.00	\$1,600.00
Irrigation Labor		2.20	Hour	\$12.00	\$26.40	\$2,640.00
Machinery Labor						
Tractors/Self-Propelled		0.77	Hour	\$12.00	\$9.24	\$924.00
Diesel Fuel						
Tractors/Self-Propelled		3.41	Gallon	\$2.10	\$7.16	\$716.10
Repairs & Maintenance						
Tractors/Self-Propelled		1	Acre	\$6.48	\$6.48	\$647.85
Implements		1	Acre	\$8.25	\$8.25	\$825.28
Interest on Credit Line				5.00%	\$3.93	\$393.11
Total Variable Costs					\$275.76	\$27,576.25
Planned Returns Above Variable Costs:					\$249.24	\$24,923.75
Breakeven Price to Cover Variable Costs				\$1.97	Bushel	
FIXED COSTS						
Machinery Depreciation						
Tractors/Self-Propelled		1	Acre	\$6.69	\$6.69	\$669.44
Implements		1	Acre	\$10.12	\$10.12	\$1,011.72
Equipment Investment						
Tractors/Self-Propelled		\$52.15	Dollars	7.00%	\$3.65	\$365.06
Implements		\$49.71	Dollars	7.00%	\$3.48	\$347.97
Cash Rent, Irrigated		1	Acre	\$85.00	\$85.00	\$8,500.00
Total Fixed Costs					\$108.94	\$10,894.19
Total Specified Costs					\$384.70	\$38,470.45
Returns Above Specified Costs					\$140.30	\$14,029.55
Breakeven Price to Cover Total Costs				\$2.75	Bushel	

Example Breakeven Prices			
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	105.00	\$2.63	\$3.66
90%	126.00	\$2.19	\$3.05
100%	140.00	\$1.97	\$2.75
110%	154.00	\$1.79	\$2.50
125%	175.00	\$1.58	\$2.20

Developed by Samuel Zapata, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension, 956-968-5581.

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.