

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
Irrigated Corn - 122 Acres
Southwest Extension District - 10

Crop Acres		122				
REVENUE		Quantity	Units	\$/Unit	Total	Enterprise Total
Corn		140.00	Bushel	\$5.78	\$809.20	\$98,722.40
Total Revenue					\$809.20	\$98,722.40
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Corn Seed BtRR	30	Thousand	\$2.96	\$88.80	\$10,833.60
Fertilizer						
	UAN(32% N)	2.75	CWT	\$17.00	\$46.75	\$5,703.50
	Fertilizer 18-46-0	174	Pound	\$0.25	\$43.50	\$5,307.00
Herbicide						
	Glyphosate	4.4	Pint	\$2.25	\$9.90	\$1,207.80
Insecticide						
	Oberon 2 SC	2	Ounce	\$3.12	\$6.24	\$761.28
Custom						
	Haul Corn	140	Bushels	\$0.16	\$22.40	\$2,732.80
Irrigation						
	Energy or Water Cost	1131.23	kWh	\$0.18	\$203.62	\$24,841.70
Machinery Labor						
	Tractors/Self-Propelled	0.72	Hour	\$12.00	\$8.64	\$1,054.08
Diesel Fuel						
	Tractors/Self-Propelled	5.91	Gallon	\$2.85	\$16.84	\$2,054.91
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$32.93	\$32.93	\$4,017.80
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$6.72	\$6.72	\$819.96
	Irrigation Equipment	1	Acre	\$11.76	\$11.76	\$1,434.72
	Tractors/Self-Propelled	1	Acre	\$3.22	\$3.22	\$393.36
	Implements	1	Acre	\$2.99	\$2.99	\$364.93
	Interest on Credit Line			6.50%	\$18.52	\$2,259.64
Total Variable Costs					\$522.84	\$63,787.08
Planned Returns Above Variable Costs:					\$286.36	\$34,935.32
Breakeven Price to Cover Variable Costs				\$3.73	Bushel	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85
	Irrigation Equipment	1	Acre	\$46.33	\$46.33	\$5,652.72
	Tractors/Self-Propelled	1	Acre	\$11.65	\$11.65	\$1,421.52
	Implements	1	Acre	\$3.89	\$3.89	\$474.25
Equipment Investment						
	Pickup/General Use Equipment	\$168.02	Dollars	6.50%	\$10.92	\$1,332.44
	Irrigation Equipment	\$695.01	Dollars	6.50%	\$45.18	\$5,511.40
	Tractors/Self-Propelled	\$139.15	Dollars	6.50%	\$9.04	\$1,103.42
	Implements	\$55.78	Dollars	6.50%	\$3.63	\$442.34
	Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$205.84	\$25,112.93
Total Specified Costs					\$728.69	\$88,900.01
Returns Above Specified Costs					\$80.51	\$9,822.39
Breakeven Price to Cover Total Costs				\$5.20	Bushel	

Example Breakeven Prices						
Example Yield Percent	Example Yield Bushel	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	105.00	\$4.98	\$4.98	\$6.94	\$6.94	\$0.00
90%	126.00	\$4.15	\$4.15	\$5.78	\$5.78	\$0.00
100%	140.00	\$3.73	\$3.73	\$5.20	\$5.20	\$0.00
110%	154.00	\$3.40	\$3.40	\$4.73	\$4.73	\$0.00
125%	175.00	\$2.99	\$2.99	\$4.16	\$4.16	\$0.00

Developed by Rob Hogan, 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. Brand names are mentioned only as examples and imply no endorsement.