

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Irrigated Winter Wheat - 122 Acres
Southwest Extension District - 10

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Winter Wheat	70.00	Bushel	\$6.95	\$486.50	\$59,353.00
Total Revenue				\$486.50	\$59,353.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Seed					
Wheat Seed Public	60	Pound	\$0.18	\$10.50	\$1,281.00
Fertilizer					
UAN(32% N)	1.7	CWT	\$16.00	\$27.20	\$3,318.40
Fertilizer 18-46-0	87	Pound	\$0.28	\$24.36	\$2,971.92
Custom					
Haul Wheat	70	Bushel	\$0.14	\$9.80	\$1,195.60
Miscellaneous					
Crop Insurance - Wheat Irrigated	1	Acre	\$12.00	\$12.00	\$1,464.00
Herbicide					
2, 4-D Amine 4	16	Ounce	\$0.14	\$2.24	\$273.28
Insecticide					
Lorsban 4E	1	Pint	\$5.25	\$5.25	\$640.50
Fungicides					
Quilt	10.5	Ounce	\$1.80	\$18.90	\$2,305.80
Irrigation					
Energy Cost	390.00	kWh	\$0.18	\$70.20	\$8,564.40
Machinery Labor					
Tractors/Self-Propelled	1.14	Hour	\$12.00	\$13.68	\$1,668.96
Diesel Fuel					
Tractors/Self-Propelled	8.04	Gallon	\$2.15	\$17.29	\$2,108.89
Gasoline					
Pickup/General Use Equipment	1	Acre	\$29.44	\$29.44	\$3,591.42
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$6.72	\$6.72	\$819.96
Irrigation Equipment	1	Acre	\$4.05	\$4.05	\$494.20
Tractors/Self-Propelled	1	Acre	\$23.92	\$23.92	\$2,918.33
Implements	1	Acre	\$13.86	\$13.86	\$1,691.13
Interest on Credit Line					
			6.50%	\$7.15	\$872.38
Total Variable Costs				\$296.56	\$36,180.18
Planned Returns Above Variable Costs:				\$189.94	\$23,172.82
Breakeven Price to Cover Variable Costs				\$4.24	Bushel
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$25.20	\$25.20	\$3,074.85
Irrigation Equipment	1	Acre	\$34.75	\$34.75	\$4,239.44
Tractors/Self-Propelled	1	Acre	\$24.59	\$24.59	\$2,999.77
Implements	1	Acre	\$17.33	\$17.33	\$2,113.76
Equipment Investment					
Pickup/General Use Equipment	\$168.02	Dollars	6.50%	\$10.92	\$1,332.44
Irrigation Equipment	\$521.24	Dollars	6.50%	\$33.88	\$4,133.45
Tractors/Self-Propelled	\$279.32	Dollars	6.50%	\$18.16	\$2,214.97
Implements	\$142.48	Dollars	6.50%	\$9.26	\$1,129.86
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$224.09	\$27,338.53
Total Specified Costs				\$520.65	\$63,518.71
Returns Above Specified Costs				(\$34.15)	(\$4,165.71)
Breakeven Price to Cover Total Costs				\$7.44	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	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	52.50	\$5.65	\$5.65	\$9.92	\$9.92	\$0.00
90%	63.00	\$4.71	\$4.71	\$8.26	\$8.26	\$0.00
100%	70.00	\$4.24	\$4.24	\$7.44	\$7.44	\$0.00
110%	77.00	\$3.85	\$3.85	\$6.76	\$6.76	\$0.00
125%	87.50	\$3.39	\$3.39	\$5.95	\$5.95	\$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.