

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Irrigated Spring Wheat - 100 Acres
Southwest Extension District - 10

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Spring Wheat	55.00	Bushel	\$7.50	\$412.50	\$41,250.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Total Revenue				\$412.50	\$41,250.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Seed Spring Wheat	1.67	Bag	\$18.00	\$30.06	\$3,006.00
Crop Insurance					
Crop Insurance Wheat Irrigat	1	Acre	\$5.20	\$5.20	\$520.00
Herbicide					
2-4D	1	Pint	\$2.43	\$2.43	\$243.00
Fungicide					
Fungicide Wheat	0.5	Acre	\$11.00	\$5.50	\$550.00
Fertilizer					
Nitrogen N32	80	Pounds	\$0.60	\$47.81	\$4,781.25
Phosphate	30	Pounds	\$0.47	\$14.17	\$1,417.01
Miscellaneous Administrative Overhead					
Misc. Overhead	1	Acre	\$1.20	\$1.20	\$120.00
Insecticide					
Lanate	0.5	Pint	\$8.96	\$4.48	\$448.00
Custom					
Pesticide Application	1	Acre	\$5.50	\$5.50	\$550.00
Custom Application	0.5	Acre	\$5.00	\$2.50	\$250.00
Custom Harvest	1	Acre	\$25.00	\$25.00	\$2,500.00
Custom Haul	55	Bushels	\$0.20	\$11.00	\$1,100.00
Irrigation					
Irrigation Costs	5	Acre-Inch	\$7.00	\$35.00	\$3,500.00
Operator Labor					
Tractors	0.6515	Hour	\$0.00	\$0.00	\$0.00
Irrigation Labor					
Labor	0.25	Hour	\$0.00	\$0.00	\$0.00
Diesel Fuel					
Tractors	3.80876	Gallon	\$3.30	\$12.57	\$1,256.89
Gasoline					
Pickup	0.91	Gallon	\$3.20	\$2.91	\$291.20
Repairs & Maintenance					
Tractors	1	Acre	\$7.94	\$7.94	\$794.17
Implements	1	Acre	\$3.85	\$3.85	\$384.97
Pickup	1	Acre	\$1.00	\$1.00	\$100.33
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00
Interest on Credit Line			6.50%	\$4.62	\$462.38
Total Variable Costs				\$226.15	\$22,615.21
Planned Returns Above Variable Costs:				\$186.35	\$18,634.79
Breakeven Price to Cover Variable Costs			\$4.11	Bushel	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery					
Tractors	1	Acre	\$13.41	\$13.41	\$1,341.32
Implements	1	Acre	\$7.72	\$7.72	\$772.43
Pickup	1	Acre	\$3.62	\$3.62	\$361.67
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00
Land Rent	1	Acre	\$50.00	\$50.00	\$5,000.00
Total Fixed Costs				\$82.40	\$8,240.41
Total Specified Costs				\$308.56	\$30,855.62
Returns Above Specified Costs				\$103.94	\$10,394.38
Breakeven Price to Cover Total Costs			\$5.61	Bushel	

Breakeven Prices

Yield Percent	Yield Bushel	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	41.25	\$5.48	\$5.48	\$7.48	\$7.48	\$0.00
90%	49.50	\$4.57	\$4.57	\$6.23	\$6.23	\$0.00
100%	55.00	\$4.11	\$4.11	\$5.61	\$5.61	\$0.00
110%	60.50	\$3.74	\$3.74	\$5.10	\$5.10	\$0.00
125%	68.75	\$3.29	\$3.29	\$4.49	\$4.49	\$0.00

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.