Projections for Planning Purposes Only -- Not to be Used without Updating

2018 Estimated Costs and Returns per Acre

Irrigated Winter Wheat

Southwest Extension District - 10

Crop Acres	122				
REVENUE	Quantity	Units	$/Unit	Total	Enterprise Total
Winter Wheat	70.00	Bushel	$3.86	$270.20	$32,964.40
Total Revenue				$270.20	$32,964.40
VARIABLE COSTS	Quantity	Units	$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Wheat Seed Public	60	Pound	$0.18	$10.50	$1,281.00
Fertilizer					
UAN(32% N)	2.8	CWT	$17.00	$47.60	$5,807.20
Fertilizer 18-46-0	87	Pound	$0.24	$20.88	$2,547.36
Custom					
Haul Wheat	70	Bushel	$0.14	$9.80	$1,195.60
Miscellaneous					
Crop Insurance - Wheat Irrigated	1	Acre	$9.00	$9.00	$1,098.00
Insecticide					
Lorsban 4E	1	Pint	$5.03	$5.03	$613.66
Fungicides					
Quilt	10.5	Ounce	$1.80	$18.90	$2,305.80
Herbicide					
2, 4-D Amine 4	16	Ounce	$0.14	$2.24	$273.28
Irrigation					
Energy Cost	390.00	kWh	$0.17	$66.30	$8,088.60
Machinery Labor					
Tractors/Self-Propelled	0.85	Hour	$12.00	$10.20	$1,244.40
Other Labor	0.28	Hour	$8.50	$2.38	$290.36
Diesel Fuel					
Tractors/Self-Propelled	7.95	Gallon	$2.14	$17.01	$2,075.59
Gasoline					
Pickup/General Use Equipment	1	Acre	$23.13	$23.13	$2,821.74
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	$4.84	$4.84	$590.37
Irrigation Equipment	1	Acre	$4.06	$4.06	$494.83
Tractors/Self-Propelled	1	Acre	$25.37	$25.37	$3,094.72
Implements	1	Acre	$15.87	$15.87	$1,935.58
Interest on Credit Line			6.50%	$7.90	$964.04
Total Variable Costs				$301.00	$36,722.13
Planned Returns Above Variable Costs:				($30.80)	($3,757.73)
Breakeven Price to Cover Variable Costs			$4.30	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	$34.75	$34.75	$4,239.44
Tractors/Self-Propelled	1	Acre	$26.22	$26.22	$3,198.82
Implements	1	Acre	$19.85	$19.85	$2,421.20
Equipment Investment					
Pickup/General Use Equipment	$105.02	Dollars	6.50%	$6.83	$832.77
Irrigation Equipment	$260.62	Dollars	6.50%	$16.94	$2,066.73
Tractors/Self-Propelled	$199.67	Dollars	6.50%	$12.98	$1,583.39
Implements	$93.77	Dollars	6.50%	$6.10	$743.62
Irrigated Winter Garden Rent	1	Acre	$50.00	$50.00	$6,100.00
Total Fixed Costs				$198.86	$24,260.81
Total Specified Costs				$499.86	$60,982.94
Returns Above Specified Costs				($229.66)	($28,018.54)
Breakeven Price to Cover Total Costs			$7.14	Bushel	

		Example Breakeven Prices	
Example Yield Percent	Example Yield Bushel	To Cover Variable Costs	To Cover Total Costs
75%	52.50	$5.73	$9.52
90%	63.00	$4.78	$7.93
100%	70.00	$4.30	$7.14
110%	77.00	$3.91	$6.49
125%	87.50	$3.44	$5.71

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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.