

SAMPLE ONLY.

See www.agecon.okstate.edu/budgets for information on OSU Enterprise Budget Software.

Irrigated Wheat Enterprise Budget - Grain and Graze

3000 acres farmed, 160 acres for this budget



2018 harvest price projection

Pasture valued at \$.38/lb gain

Low tillage

				Total
PRODUCTION	Units	Price	Quantity	\$/Acre
Wheat	Bu.	\$ 4.00	70.00	\$ 280.00
Small Grain Pasture	Acre	\$ 41.80	1	\$ 41.80
Other Income	Acre	\$ -	0	\$ -
Total Receipts				\$ 321.80

	Units	Price	Quantity	\$/Acre
OPERATING INPUTS				
Wheat Seed	Bu./acre	\$ 12.00	1.50	\$ 18.00
Fertilizer	Acre	\$ 63.08	1	\$ 63.08
Custom Harvest	Acre	\$ 51.31	1	\$ 51.31
Pesticide	Acre	\$ 18.98	1	\$ 18.98
Crop Insurance	Acre	\$ 20.00	1	\$ 20.00
Annual Operating Capital	Dollars	6.75%	129.15	\$ 8.72
Machinery Labor	Hrs.	\$ 15.00	0.00	\$ -
Irrigation Labor	Hrs.	\$ 15.00	0.21	\$ 3.15
Custom Hire	Acre	\$ 72.46	1	\$ 72.46
Machinery Fuel, Lube, Repairs	Acre	\$ -	0	\$ -
Irrigation Fuel, Lube, Repair	Acre	\$ 71.41	1	\$ 71.41
Other Expense	Acre	\$ -	0	\$ -
Total Operating Costs				\$ 327.11
Returns Above Total Operating Costs				\$ (5.31)

	Units	Rate	\$/Acre
FIXED COSTS			
Machinery/Irrigation	\$/value		
Interest at	Dollars	6.50%	\$ 72.47
Taxes at	Dollars	1.00%	\$ 11.15
Insurance	Dollars	0.85%	\$ 9.48
Depreciation	Dollars		\$ 74.37
Land	\$/acre	\$ -	
Interest at	Dollars	0.00%	\$ -
Taxes at	Dollars	0.00%	\$ -
Total Fixed Costs			\$ 167.47
Total Costs (Operating + Fixed)			\$ 494.58
Returns Above All Specified Costs			\$ (172.78)

Texas County - Panhandle OK

Owner-Operator

Custom field work

Grain Break-Even (B-E) Analysis			
B-E Yield at \$/bu.	4.00	B-E Price at bu./acre	70.00
Above Operating Costs (Bu.)	71	Above Operating Costs	\$ 4.08
Above Total Costs (Bu.)	113	Above Total Costs	\$ 6.47

Break-even yield is the yield needed to cover costs given the expected price, pasture income, and other income such as government payments. Break-even price is the price needed to cover costs given the expected yield, pasture income, and other income.