

**Costs and Returns per acre from growing soft white wheat, 2006
Millard County - Fillmore**

Receipts	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value
Wheat	85.0	bushels	\$4.28	\$364.08	\$364.08
Straw	1.00	tons	\$48.00	\$48.00	\$48.00
Subtotal				\$412.08	\$412.08
Operating costs					
Land preparation					
Discing	2	acre	\$3.73	\$7.47	\$7.47
Plowing	1	acre	\$5.88	\$5.88	\$5.88
Roller harrow	1	acre	\$3.64	\$3.64	\$3.64
Planting	1	acre	\$2.96	\$2.96	\$2.96
Seed	100	pounds	\$0.17	\$17.00	\$17.00
Fertilization					
Nitrogen (34-0-0)	278	pounds	\$0.18	\$49.62	\$49.62
Phosphate (11-52-0)	48	pounds	\$0.18	\$8.57	\$8.57
Custom application	1	acre	\$7.82	\$7.82	\$7.82
Pesticides/herbicides					
2,4-D	1.25	pint	\$2.75	\$3.44	\$3.44
Sevin XLR Plus	1	unit	\$4.10	\$4.10	\$4.10
Custom application	1	acre	\$7.82	\$7.82	\$7.82
Irrigation (wheel line)	3	irrigations			
Labor	1.00	hours	\$10.00	\$10.00	\$10.00
Water assessment	-	share	\$20.00	\$0.00	\$0.00
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30
Pumping	22	acre inch	\$0.00	\$0.00	\$0.00
Harvesting					
Custom combine	1	acre	\$26.00	\$26.00	\$26.00
Haul grain (custom)	85.0	bushel	\$0.06	\$5.10	\$5.10
Harvesting straw					
Swathing	1	acre	\$4.03	\$4.03	\$4.03
Baling	1.00	tons	\$4.79	\$4.79	\$4.79
Haul/stack straw	1.00	tons	\$3.63	\$3.63	\$3.63
Crop insurance (75% Yield, 100% Price)	1	acre	\$15.59	\$15.59	\$15.59
Interest on operating capital			7.61%	\$4.72	\$4.72
Subtotal				\$194.49	\$182.03
Ownership costs (excludes cost of land)				\$74.40	\$74.40
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00
Machinery ownership costs	1	acre	\$64.15	\$64.15	\$64.15
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25
Total costs				\$268.89	\$256.43
Net returns to owner for unpaid labor, management, equity and risk					
Above operating costs				\$217.60	\$230.05
Above total listed costs				\$143.20	\$155.65

Breakeven Table - Wheat

Net returns per acre above operating costs

Yield (Bu/Ac)	Selling Price (\$/Bu)			
	\$3.28	\$3.78	\$4.28	\$4.78
70.00	\$84.25	\$119.25	\$154.25	\$189.25
75.00	\$100.36	\$137.86	\$175.36	\$212.86
80.00	\$116.48	\$156.48	\$196.48	\$236.48
85.00	\$132.60	\$175.10	\$217.60	\$260.10
90.00	\$148.71	\$193.71	\$238.71	\$283.71
95.00	\$164.83	\$212.33	\$259.83	\$307.33
100.00	\$180.95	\$230.95	\$280.95	\$330.95

Assumptions

1. Grain planted in late September and harvested in July.