

**Costs and Returns per acre from growing soft white wheat, 2006
Tooele County**

	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value
Receipts					
Wheat	77.5	bushels	\$4.28	\$331.96	\$331.96
Straw	0.90	tons	\$48.00	\$43.20	\$43.20
Subtotal				\$375.16	\$375.16
Operating costs					
Land preparation					
Plowing	1	acre	\$5.88	\$5.88	\$5.88
Discing	1	acre	\$3.73	\$3.73	\$3.73
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)	249	pounds	\$0.18	\$44.45	\$44.45
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
Puma	0.67	pint	\$25.00	\$16.75	\$16.75
Custom application	1	acre	\$7.82	\$7.82	\$7.82
Irrigation (wheel line)	2	irrigations			
Labor	0.67	hours	\$10.00	\$6.67	\$6.67
Water assessment	1	share	\$15.00	\$15.00	\$15.00
Repairs/maintenance	1	acre	\$2.30	\$2.30	\$2.30
Pumping	25	acre inch	\$0.00	\$0.00	\$0.00
Harvesting					
Custom combine	1	acre	\$26.00	\$26.00	\$26.00
Haul grain (custom)	77.5	bushel	\$0.06	\$4.65	\$4.65
Baling	0.90	tons	\$4.79	\$4.31	\$4.31
Haul/stack straw	0.90	tons	\$3.63	\$3.27	\$3.27
Crop insurance (75% Yield, 100% Price)	1	acre	\$12.79	\$12.79	\$12.79
Interest on operating capital			7.61%	\$4.97	\$4.97
Subtotal				\$202.01	\$202.15
Ownership costs (excludes cost of land)				\$65.85	\$65.85
Insurance	1	acre	\$2.00	\$2.00	\$2.00
Machinery ownership costs	1	acre	\$55.60	\$55.60	\$55.60
Irrigation equipment costs	1	acre	\$8.25	\$8.25	\$8.25
Total costs				\$267.86	\$268.00
Net returns to owner for unpaid labor, management, equity and risk					
Above operating costs				\$173.14	\$173.01
Above total listed costs				\$107.29	\$107.16

Breakeven Table - Wheat

Net returns per acre above operating costs

Yield (Bu/Ac)	Selling Price (\$/Bu)			
	\$3.28	\$3.78	\$4.28	\$4.78
62.50	\$47.29	\$78.54	\$109.79	\$141.04
67.50	\$63.41	\$97.16	\$130.91	\$164.66
72.50	\$79.53	\$115.78	\$152.03	\$188.28
77.50	\$95.64	\$134.39	\$173.14	\$211.89
82.50	\$111.76	\$153.01	\$194.26	\$235.51
87.50	\$127.88	\$171.63	\$215.38	\$259.13
92.50	\$143.99	\$190.24	\$236.49	\$282.74