

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

Receipts	Quantity per acre	Unit	Price/cost per unit	Value/cost per acre	Base Value
Wheat	82.0	bushels	\$3.60	\$295.20	\$295.20
Straw	0.70	tons	\$40.00	\$28.00	\$28.00
Subtotal				\$323.20	\$323.20
Operating costs					
Land preparation					
Plowing	1	acre	\$5.88	\$5.88	\$5.88
Discing	1	acre	\$3.73	\$3.73	\$3.73
Land plane	1	acre	\$3.34	\$3.34	\$3.34
Roller harrow	2	acre	\$3.64	\$7.28	\$7.28
Planting	1	acre	\$2.96	\$2.96	\$2.96
Seed	100	pounds	\$0.17	\$17.00	\$17.00
Fertilization					
Nitrogen (34-0-0)	300	pounds	\$0.18	\$53.55	\$53.55
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
Lorsban	0.75	pint	\$4.85	\$3.64	\$3.64
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	\$10.00	\$10.00	\$10.00
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	\$28.00	\$28.00	\$28.00
Haul grain (custom)	82.0	bushel	\$0.08	\$6.56	\$6.56
Baling	0.70	tons	\$4.79	\$3.35	\$3.35
Haul/stack straw	0.70	tons	\$3.63	\$2.54	\$2.54
Crop insurance (75% Yield, 100% Price)	1	acre	\$13.27	\$13.27	\$13.27
Interest on operating capital			7.61%	\$5.61	\$5.61
Subtotal				\$220.08	\$220.08
Ownership costs (excludes cost of land)				\$74.90	\$74.90
Farm insurance	1	acre	\$2.00	\$2.00	\$2.00
Machinery ownership costs	1	acre	\$64.65	\$64.65	\$64.65
Irrigation equipment	1	acre	\$8.25	\$8.25	\$8.25
Total costs				\$294.98	\$294.98
Net returns to owner for unpaid labor, management, equity and risk					
Above operating costs				\$103.12	\$103.12
Above total listed costs				\$28.22	\$28.22

Breakeven Table - Wheat

Net returns per acre above operating costs

Yield (Bu/Ac)	Selling Price (\$/Bu)			
	\$2.60	\$3.10	\$3.60	\$4.10
67.00	-\$16.68	\$16.82	\$50.32	\$83.82
72.00	-\$4.08	\$31.92	\$67.92	\$103.92
77.00	\$8.52	\$47.02	\$85.52	\$124.02
82.00	\$21.12	\$62.12	\$103.12	\$144.12
87.00	\$33.72	\$77.22	\$120.72	\$164.22
92.00	\$46.32	\$92.32	\$138.32	\$184.32
97.00	\$58.92	\$107.42	\$155.92	\$204.42