

**WHEAT: Production Costs and Returns, Northern Great Plains Region,
Excluding Government Payments, 1999-2006 1/**

Item	1999	2000	2001	2002	2003	2004	2005	2006
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Wheat	85.49	83.98	77.94	80.59	124.20	141.44	129.77	138.61
Wheat straw	1.42	1.67	1.85	2.39	2.07	2.38	2.60	3.03
Total, gross value of production	86.91	85.65	79.79	82.98	126.27	143.82	132.37	141.64
Cash expenses								
Seed	6.36	6.19	6.34	6.33	7.89	8.06	8.47	8.71
Fertilizer, soil conditioners, and manure	13.46	13.91	19.66	14.40	19.74	19.41	22.74	24.26
Chemicals	10.28	10.15	10.14	10.09	10.02	14.26	14.50	15.08
Custom operations	3.82	4.00	3.77	3.13	4.68	6.80	6.86	6.97
Fuel, lube, and electricity	4.16	6.06	6.03	5.22	7.02	6.28	8.22	9.10
Repairs	8.85	9.85	9.66	9.57	10.38	9.89	10.31	10.53
Hired Labor	1.48	1.60	1.67	1.70	1.80	1.80	1.86	1.92
Other variable cash expenses 2/	0.16	0.16	0.17	0.17	0.18	0.10	0.10	0.11
Total, variable cash expenses	48.57	51.92	57.44	50.61	61.71	66.60	73.06	76.68
General farm overhead	6.42	6.49	6.76	6.97	7.16	9.00	9.40	9.74
Taxes and insurance	3.81	3.85	3.95	3.99	4.08	6.88	8.28	8.71
Interest on operating inputs	1.11	1.45	0.94	0.41	0.32	1.10	1.21	1.80
Total, fixed cash expenses	11.34	11.79	11.65	11.37	11.56	16.98	18.89	20.25
Total, cash expenses	59.91	63.71	69.09	61.98	73.27	83.58	91.95	96.93
Gross value of production less cash expenses listed	27.00	21.94	10.70	21.00	53.00	60.24	40.42	44.71
Harvest-period price (dollars/bu.)	2.68	2.50	2.66	3.55	3.29	3.40	3.22	4.15
Yield (bu./planted acre)	31.90	33.60	29.30	22.70	37.80	41.60	40.30	33.40

1/ The Northern Great Plains Region includes North Dakota, South Dakota, and parts of Montana, Wyoming, Nebraska and Minnesota.

2/ Cost of purchased irrigation water and baling.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site (www.ers.usda.gov/data/)

**BARLEY: Production Costs and Returns, Northern Great Plains Region,
Excluding Government Payments, 1999-2006 1/ 2/**

Item	1999	2000	2001	2002	2003	2004	2005	2006
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Barley	73.27	68.82	75.98	69.85	154.25	137.39	93.53	101.86
Barley straw	1.79	2.02	2.07	2.33	4.13	4.33	4.72	5.51
Total, gross value of production	75.09	70.84	78.05	72.18	158.38	141.72	98.25	107.37
Cash expenses								
Seed	5.73	5.84	5.84	5.81	8.21	7.89	8.00	7.83
Fertilizer, soil conditioners, and manure	13.52	13.80	18.15	14.16	16.43	17.45	21.73	23.19
Chemicals	8.14	7.77	7.93	7.88	12.16	12.16	12.36	12.86
Custom operations	3.68	3.64	3.77	3.72	6.13	6.18	5.93	6.03
Fuel, lube, and electricity	7.72	10.28	8.92	8.30	7.76	9.03	11.97	13.25
Repairs	14.25	14.91	15.02	14.58	14.24	14.56	15.29	15.60
Hired Labor	4.65	4.88	5.23	5.18	1.97	2.02	2.07	2.15
Other variable cash expenses 3/	1.32	1.14	1.32	1.19	0.69	0.70	0.74	0.78
Total, variable cash expenses	59.01	62.26	66.18	60.82	67.59	69.99	78.09	81.69
General farm overhead	5.77	5.82	6.01	6.15	8.10	8.28	8.72	9.03
Taxes and insurance	10.39	10.70	10.70	10.89	6.77	6.88	8.08	8.50
Interest on operating inputs 4/	11.40	11.40	12.15	10.84	0.35	0.54	1.29	1.91
Total, fixed cash expenses	27.56	27.92	28.86	27.88	15.22	15.70	18.09	19.44
Total, cash expenses	86.57	90.18	95.04	88.70	82.81	85.69	96.18	101.13
Gross value of production less cash expenses listed	-11.51	-19.34	-16.99	-16.52	75.57	56.03	2.07	6.24
Harvest-period price (dollars/bu.)	1.73	1.59	1.83	2.14	2.82	2.48	2.02	2.38
Yield (bu./planted acre)	42.35	43.28	41.52	32.64	54.70	55.40	46.30	42.80

1/ Data for 1999-2002 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

2/ Data for 2003 and later refer to the Northern Great Plains Region which includes North Dakota, portions of Nebraska, Colorado, Wyoming, South Dakota, Montana, and Minnesota Ag. Statistics District 10.

3/ Cost of purchased irrigation water and baling.

4/ Data for 2003 and later include interest on operating inputs only.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.

Internet Web Site (www.ers.usda.gov/data/)