

CROPS: Average Completion Dates for Planting and Harvesting, Minnesota, 2000-2004

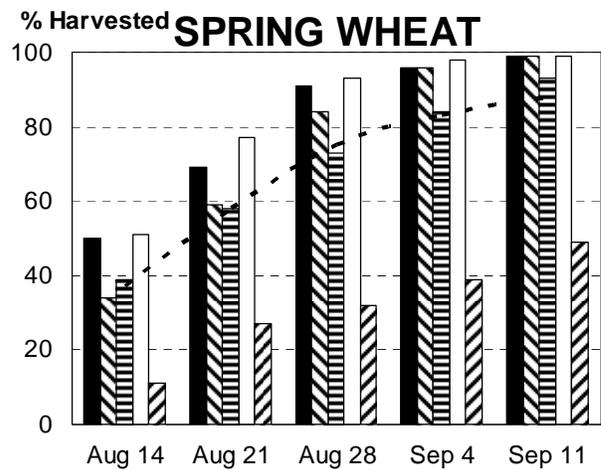
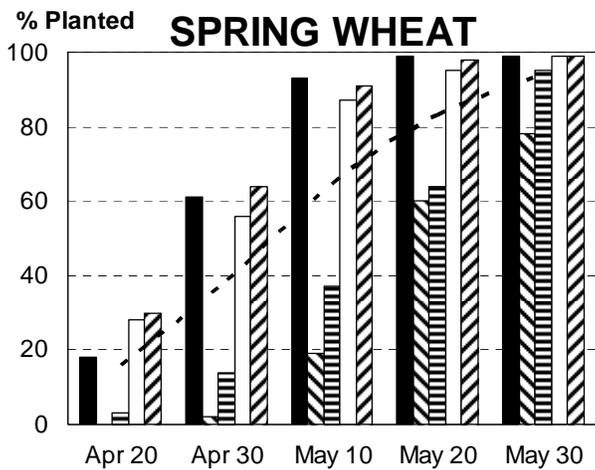
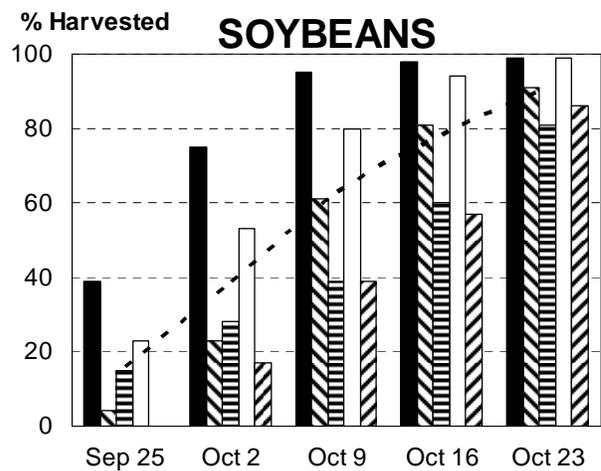
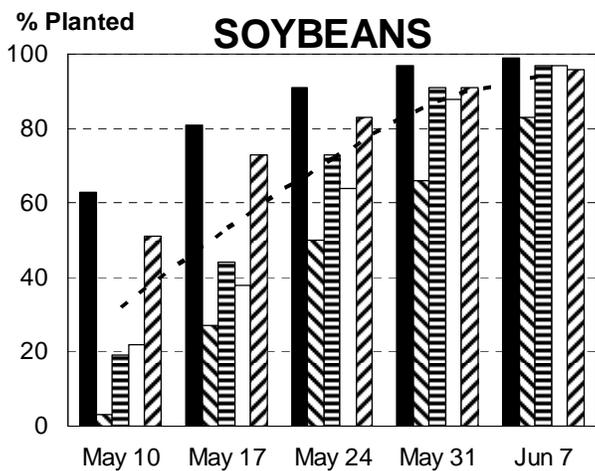
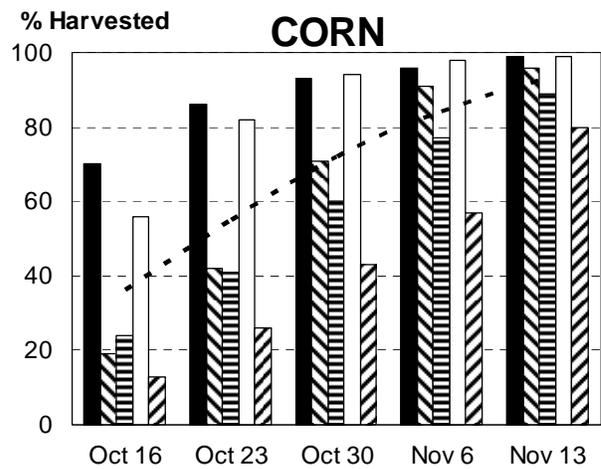
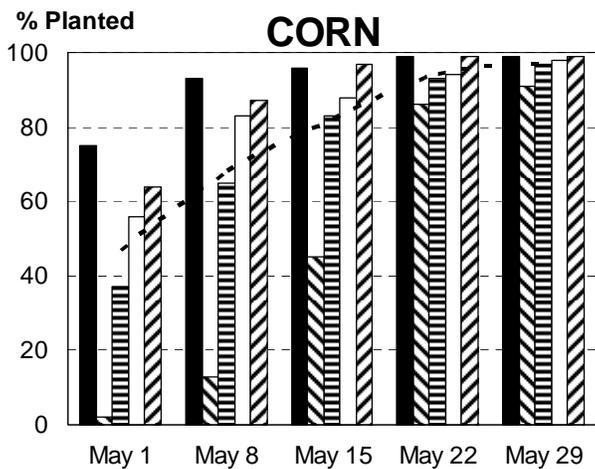
Crop and Year	Date Planting Completed					Date Harvesting Completed				
	Percent					Percent				
	10	25	50	75	90	10	25	50	75	90
Corn										
2004	Apr 20	Apr 26	Apr 29	May 04	May 09	Oct 14	Oct 23	Nov 03	Nov 12	Nov 23
2003	Apr 23	Apr 27	May 01	May 04	May 17	Sep 28	Oct 08	Oct 15	Oct 21	Oct 26
2000-2004	Apr 24	Apr 27	May 02	May 12	May 19	Oct 04	Oct 12	Oct 21	Nov 01	Nov 11
Soybeans										
2004	May 01	May 05	May 10	May 18	May 30	Sep 30	Oct 05	Oct 14	Oct 21	Oct 24
2003	May 03	May 12	May 21	May 27	Jun 01	Sep 21	Sep 26	Oct 02	Oct 08	Oct 13
2000-2004	May 03	May 08	May 17	May 25	Jun 02	Sep 22	Sep 28	Oct 05	Oct 15	Oct 22
Spring Wheat										
2004	Apr 12	Apr 19	Apr 27	May 03	May 09	Aug 13	Aug 21	Sep 12	Sep 21	Sep 26
2003	Apr 15	Apr 19	Apr 29	May 04	May 12	Aug 02	Aug 07	Aug 14	Aug 21	Aug 26
2000-2004	Apr 17	Apr 26	May 04	May 16	May 25	Aug 04	Aug 10	Aug 19	Aug 28	Sep 15
Oats										
2004	Apr 07	Apr 11	Apr 20	Apr 30	May 08	Jul 27	Aug 07	Aug 18	Aug 27	Sep 05
2003	Apr 16	Apr 21	Apr 28	May 03	May 12	Jul 26	Jul 30	Aug 06	Aug 13	Aug 19
2000-2004	Apr 09	Apr 19	Apr 30	May 09	May 19	Jul 24	Aug 01	Aug 08	Aug 18	Aug 26
Barley										
2004	Apr 13	Apr 26	May 01	May 08	May 16	Aug 11	Aug 20	Aug 29	Sep 11	Sep 22
2003	Apr 18	Apr 28	May 02	May 08	May 13	Jul 30	Aug 05	Aug 10	Aug 16	Aug 21
2000-2004	Apr 20	Apr 28	May 06	May 17	May 26	Aug 01	Aug 07	Aug 14	Aug 24	Sep 04
Potatoes										
2004	Apr 20	Apr 23	Apr 29	May 08	May 31	Aug 13	Aug 26	Sep 19	Oct 08	Oct 15
2003	Apr 23	Apr 27	May 03	May 16	Jun 01	Aug 15	Aug 23	Sep 22	Oct 04	Oct 15
2000-2004	Apr 23	Apr 28	May 07	May 20	Jun 01	Aug 21	Sep 07	Sep 25	Oct 06	Oct 16
Sunflowers										
2004	May 08	May 15	May 26	Jun 07	Jun 23	Oct 08	Oct 20	Nov 10	Nov 23	Dec 02
2003	May 08	May 14	May 25	Jun 02	Jun 06	Oct 06	Oct 10	Oct 16	Oct 22	Oct 28
2000-2004	May 10	May 16	May 27	Jun 03	Jun 11	Oct 07	Oct 12	Oct 22	Nov 04	Nov 18
Alfalfa Hay 1/										
2004						Jun 04	Jun 10	Jun 17	Jun 25	Jul 04
2003						May 28	Jun 02	Jun 09	Jun 18	Jun 28
2000-2004						May 29	Jun 04	Jun 12	Jun 22	Jul 02
Sweet Corn										
2004	May 01	May 08	May 19	Jun 10	Jun 24	Aug 12	Aug 19	Sep 01	Sep 18	Oct 02
2003	May 01	May 16	May 27	Jun 08	Jun 20	Aug 06	Aug 13	Aug 26	Sep 09	Sep 19
2000-2004	May 02	May 11	May 22	Jun 07	Jun 21	Aug 05	Aug 13	Aug 25	Sep 08	Sep 21
Dry Beans										
2004	May 02	May 17	May 28	Jun 05	Jun 12	Sep 22	Sep 27	Oct 06	Oct 14	Oct 18
2003	May 10	May 15	May 24	Jun 03	Jun 07	Sep 03	Sep 07	Sep 15	Sep 29	Oct 08
2000-2004	May 09	May 17	May 26	Jun 02	Jun 08	Sep 05	Sep 13	Sep 25	Oct 06	Oct 13
Sugarbeets										
2004	Apr 13	Apr 16	Apr 23	Apr 29	May 02	Sep 28	Oct 04	Oct 09	Oct 14	Oct 17
2003	Apr 16	Apr 20	Apr 29	May 03	May 13	Sep 25	Oct 01	Oct 05	Oct 13	Oct 17
2000-2004	Apr 17	Apr 25	Apr 30	May 09	May 19	Sep 27	Oct 03	Oct 08	Oct 13	Oct 18

1/ First Cutting.

PLANTING & HARVESTING PROGRESS OF MINNESOTA'S MAJOR CROPS, 2000-2004

PLANTING PROGRESS

HARVESTING PROGRESS



2004 CROP SUMMARY

The winter of 2004 began with abnormally mild December temperatures and below-normal precipitation across most of the State. During January, below-average precipitation and colder than average temperatures caused frost to penetrate into the soil. February brought milder temperatures and enough snow, especially in the northern districts, to prevent further frost penetration and possible damage to pastures and alfalfa stands. The first half of March was colder than average. As temperatures warmed, melting snow and light rainfall were readily absorbed by the dry soils with little or no runoff.

Dry weather in early April allowed an early start to spring planting. Topsoil moisture was rated short or very short for two-thirds of the State. Full-scale fieldwork began around April 16th. Planting of small grains ran well ahead of the 5-year average as temperatures stayed close to seasonal averages. The dry conditions led to an abundance of wildfires in mid-April. By the end of the month, widespread rains improved topsoil moisture supplies. Sugarbeet, corn, and soybean planting progress was running well ahead of the 5-year average by the end of the month.

In May, drier conditions helped field work to move forward rapidly. Temperatures in May averaged 3.6 degrees below seasonal averages. By late May, enough rain had fallen that topsoil moisture levels were adequate throughout the state and surplus in the northwest district. Field work was delayed, but in spite of the cool temperatures crop emergence was at or slightly ahead of the 5-year average for corn, soybeans, and small grains.

Temperatures were below seasonal averages for three of the four weeks in June, with the last week being the coolest, averaging 9.4 degrees below normal. Precipitation amounts during the first half of the month were above normal, resulting in standing water in some fields. By the end of the month, with growing degree days falling progressively further behind seasonal averages, crop development was lagging behind the 5-year average, with the effect most pronounced on the small grains as they progressed from the jointed to the heading stage of development.

Warmer temperatures in early July, followed by rain, enabled crop development to advance more quickly. By the latter part of July, consistently below-average precipitation resulted in short topsoil moisture over much of the central and eastern part of the State. Continued below-average temperatures for the rest of July delayed the ripening of small grains and caused row-crop development to lag behind the 5-year average. Nevertheless, by the end of the month, many small-grain producers reported that the condition of their oats, wheat, and barley was generally good to excellent. The percent of corn rated good to excellent was 68 percent and soybeans 58 percent as of July 30th.

On August 3rd, heavy rain, hail, and winds gusting from 50 to 80 miles per hour hit the southernmost counties of Minnesota, flattening some small grain and corn fields. Producers statewide reported that most of the corn crop was two weeks behind, with the harvest of small grain well behind the previous five years. On August 5th, Tower, MN reported a new State record low of 26 degrees for that date. The week of August 8th temperatures averaged 10.6 degrees below normal and the week of August 15th, 8.5 degrees below normal. Freezing temperatures were recorded in parts of the State on August 20th. Although temperatures began to warm somewhat by the end of August, growing degree day totals ranged from 219 degree-days behind normal in Rochester to 617 degree-day units behind in Crookston. The lack of warmth resulted in a progressive decline in the condition of both the corn and soybean crop by the end of the month. At that time, 49 percent of the corn and only 44 percent of the soybean crop was rated in good to excellent condition. Topsoil moisture conditions were generally adequate in most parts of the State during August.

Consistently above-average temperatures throughout the month of September, coupled with adequate topsoil moisture and rain, improved crop conditions. Corn was rated 60 percent good to excellent condition by the first week of October. There was only small improvement in the soybean crop condition, which had been damaged in many areas by frost during August.

Frost was reported across most of the State at the end of September. Soybean harvest was in full swing the first week of October, while corn harvest was beginning the second week of October. Harvest was helped by warm, dry conditions the first three weeks of October, with over five days available for field work each week. By October 23rd, corn harvest was only 28 percent complete compared with the five-year average of 68 percent. The moisture content of the corn averaged 24 percent at harvest, compared with the 5-year average of 18 percent. By that same date, harvest of sugar beets, potato, dry beans and soybean was nearly complete. By contrast, harvest of corn and sunflowers continued to lag well behind the five year average, in part because of average to above average rainfall during the last week of October.

Temperatures in November were consistently above normal, but wet soils continued to make corn harvest and fall tillage difficult. Topsoil moisture conditions at the end of the month were 79 percent adequate and 20 percent surplus. Subsoil moisture conditions were 77 percent adequate and 18 percent surplus, far better than at the same time the previous year.

CROPS: Record Highs, Minnesota and United States

Crop	Plantings		Yield Per Acre		Production	
	1,000 Acres	Year	Unit	Year	1,000 Units	Year
Corn						
Minnesota	7,700	1981	159.0 Bu.	2004	1,120,950 Bu.	2004
United States	113,024	1932	160.4 Bu.	2004	11,807,217 Bu.	2004
Soybeans						
Minnesota	7,500	2003	43.5 Bu.	2002	308,850 Bu.	2002
United States	75,208	2004	42.5 Bu.	2004	3,140,996 Bu.	2004
All Wheat						
Minnesota	6,375 1/	1899	57.8 Bu.	2003	142,426 Bu.	1985
United States	88,251	1981	44.2 Bu.	2003	2,785,357 Bu.	1981
Spring Wheat						
Minnesota	2/		58.0 Bu.	2003	137,500 Bu.	1992
United States	2/		43.2 Bu.	2004	757,608 Bu.	1992
Barley						
Minnesota	2,380	1935	75.0 Bu.	1992 & 2003	70,950 Bu.	1985
United States	19,686	1942	69.4 Bu.	2004	608,532 Bu.	1986
Oats						
Minnesota	5,466	1945	72.0 Bu.	2000	242,640 Bu.	1945
United States	47,494	1955	65.4 Bu.	1992	1,523,851 Bu.	1945
All Hay						
Minnesota	4,721 3/	1941	3.39 Tons	1986	9,675 Tons	1986
United States	77,639 3/	1944	2.58 Tons	1995	159,582 Tons	1999
All Potatoes						
Minnesota	486 3/	1922	430 Cwt.	2004	26,244 Cwt.	1922
United States	3,901 3/	1922	391 Cwt.	2004	513,544 Cwt.	2000
Dry Beans						
Minnesota	205	1999	1,720 Lbs.	2002	2,666 Cwt.	2002
United States	2,599	1943	1,762 Lbs.	1999	33,319 Cwt.	1991
Sugarbeets						
Minnesota	505	2002	21.5 Tons	2000	10,032 Tons	2003
United States	1,647	1969	23.7 Tons	2000	33,420 Tons	1999
All Sunflowers						
Minnesota	1,400	1979	1,781 Lbs.	1991	1,870,620 Lbs.	1979
United States	5,555	1979	1,510 Lbs.	1998	7,296,110 Lbs.	1979

1/ Normally spring wheat accounts for 90-95% of the all wheat estimate for Minnesota. Planted acreage estimates started in 1919; therefore, the record is based on harvested acreage estimates that started in 1866.

2/ Planted acreage estimates started in 1924, and the record was set prior to 1924.

3/ Harvested acres.

CROPS: Stocks and Price Records, Minnesota

Crop	STOCKS: Record Highs		PRICES: Record Highs and Lows	
	On-Farm	Off-Farm	High Monthly Average Price since 1983	Low Monthly Average Price since 1983
	1,000 Bushels		Dollars per Bushel	
Corn	820,000 December 1, 1986	259,100 December 1, 1987	\$3.95 August 1996	\$1.29 October 1986
Soybeans	171,000 December 1, 2002	102,329 December 1, 1986	\$9.66 April 2004	\$3.94 October 2001
All Wheat	175,000 September 1, 1986	101,732 September 1, 1986	\$5.87 June 1996	\$2.23 August 1987
Barley	88,688 September 1, 1985	45,258 September 1, 1988	\$3.18 June 1996	\$1.10 August 1986
Oats	191,160 September 1, 1971	78,566 September 1, 1971	\$2.93 July 1988	\$0.82 August 1986

CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
Corn for Grain 2/						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	7,200	6,650	145.0	964,250	1.71	1,648,868
2001	6,800	6,200	130.0	806,000	1.90	1,531,400
2002	7,200	6,700	157.0	1,051,900	2.15	2,261,585
2003	7,200	6,650	146.0	970,900	2.35	2,281,615
2004	7,500	7,050	159.0	1,120,950	1.85	2,073,758
Corn for Silage						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>		
2000	--	475	16.0	7,600	--	--
2001	--	500	14.0	7,000	--	--
2002	--	400	17.0	6,800	--	--
2003	--	475	14.0	6,650	--	--
2004	--	400	16.0	6,400	--	--
Soybeans						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	7,300	7,150	41.0	293,150	4.38	1,283,997
2001	7,300	7,200	37.0	266,400	4.32	1,150,848
2002	7,200	7,100	43.5	308,850	5.42	1,673,967
2003	7,500	7,450	32.0	238,400	7.26	1,730,784
2004	7,300	7,050	33.5	236,175	5.35	1,263,536
Oats						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	400	310	72.0	22,320	0.99	22,097
2001	300	210	60.0	12,600	1.53	19,278
2002	420	265	56.0	14,840	1.65	24,486
2003	350	265	71.0	18,815	1.39	26,153
2004	310	190	70.0	13,300	1.25	16,625
Barley						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	270	240	64.0	15,360	1.67	25,651
2001	160	145	55.0	7,975	1.70	13,558
2002	190	150	41.0	6,150	2.62	16,113
2003	190	170	75.0	12,750	2.52	32,130
2004	130	115	68.0	7,820	2.05	16,031

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. Marketing year periods, by crop, are October-September for corn; September-August for soybeans, July-June for oats and barley. Prices do not include allowance for CCC loans outstanding, purchases by the government, or deficiency payments. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

2/ Acreage planted to corn is for "all purposes".

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CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
All Wheat						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	2,022	1,971	49.0	96,526	2.89	278,473
2001	1,867	1,815	43.9	79,655	2.93	233,243
2002	2,040	1,834	34.0	62,420	3.86	240,637
2003	1,877	1,825	57.8	105,482	3.66	386,130
2004	1,728	1,636	54.8	89,605	3.25	290,625
Spring Wheat (Other than Durum)						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	2,000	1,950	49.0	95,550	2.89	276,140
2001	1,850	1,800	44.0	79,200	2.93	232,056
2002	2,000	1,800	34.0	61,200	3.86	236,232
2003	1,850	1,800	58.0	104,400	3.66	382,104
2004	1,700	1,610	55.0	88,550	3.25	287,788
Durum Wheat						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	2	2	51.0	102	2.48	253
2001	2	2	39.0	78	2.85	222
2002	5	4	35.0	140	4.00	560
2003	2	2	58.0	116	4.15	481
2004	1	1	55.0	55	3.40	187
Winter Wheat						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	20	19	46.0	874	2.38	2,080
2001	15	13	29.0	377	2.56	965
2002	35	30	36.0	1,080	3.56	3,845
2003	25	23	42.0	966	3.67	3,545
2004	27	25	40.0	1,000	2.65	2,650
Flaxseed						
	----- 1,000 Acres -----		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
2000	10	9	22.0	198	3.39	671
2001	4	4	13.0	52	4.40	229
2002	5	4	16.0	64	6.50	416
2003	8	7	23.0	161	6.70	1,079
2004	3	3	17.0	51	7.70	393
Sugarbeets						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton 2/</u>	<u>1,000 Dols. 2/</u>
2000	490	430	21.5	9,245	33.70	311,557
2001	468	426	18.3	7,796	40.30	314,179
2002	505	476	18.6	8,854	38.00	336,452
2003	492	487	20.6	10,032	44.20	443,414
2004	486	470	20.9	9,823	NA	NA

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. The marketing year period is July-June for wheat and flaxseed. The sugarbeet price relates to prices received by producers during the harvest period. Prices do not include allowance for CCC loans outstanding, purchases by the government or deficiency payments. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

2/ Excludes Sugar Act payments.

NA = Not Available.

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CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
All Sunflowers						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	95	85	1,578	134,150	7.90	11,335
2001	60	56	1,325	74,200	10.90	8,028
2002	70	64	1,295	82,850	12.70	10,501
2003	90	88	1,611	141,800	14.20	19,748
2004	60	53	1,068	56,600	16.30	9,014
Oil Sunflowers						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	55	48	1,600	76,800	6.62	5,084
2001	30	28	1,400	39,200	10.30	4,038
2002	40	37	1,400	51,800	12.00	6,216
2003	55	54	1,650	89,100	12.70	11,316
2004	30	28	1,200	33,600	14.30	4,805
Non-Oil Sunflowers						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	40	37	1,550	57,350	10.90	6,251
2001	30	28	1,250	35,000	11.40	3,990
2002	30	27	1,150	31,050	13.80	4,285
2003	35	34	1,550	52,700	16.00	8,432
2004	30	25	920	23,000	18.30	4,209
Canola						
	----- 1,000 Acres -----		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
2000	140	125	1,480	185,000	NA	NA
2001	80	75	1,180	88,500	8.27	7,319
2002	80	50	890	44,500	10.60	4,717
2003	57	56	1,820	101,920	9.50	9,682
2004	35	32	1,500	48,000	11.10	5,328
All Hay						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
2000	--	2,250	3.04	6,840	59.00	422,730
2001	--	2,150	2.88	6,195	58.00	366,468
2002	--	2,100	2.77	5,810	67.50	403,690
2003	--	2,075	2.53	5,245	66.50	353,355
2004	--	2,000	2.95	5,895	67.00	409,320
Alfalfa Hay						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
2000	--	1,550	3.60	5,580	66.50	371,070
2001	--	1,450	3.50	5,075	62.50	317,188
2002	--	1,400	3.30	4,620	74.50	344,190
2003	--	1,375	3.00	4,125	71.00	292,875
2004	--	1,350	3.50	4,725	74.00	349,650
All Other Hay						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
2000	--	700	1.80	1,260	41.00	51,660
2001	--	700	1.60	1,120	44.00	49,280
2002	--	700	1.70	1,190	50.00	59,500
2003	--	700	1.60	1,120	54.00	60,480
2004	--	650	1.80	1,170	51.00	59,670

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. Marketing years are September-August for sunflowers, July-June for canola, and June-May for hay. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

NA = Not Available

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CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
All Dry Edible Beans						
	----- Acres -----		Pounds	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols.
2000	165,000	150,000	1,600	2,400	15.90	38,160
2001	115,000	105,000	1,500	1,575	24.30	38,273
2002	170,000	155,000	1,720	2,666	16.00	42,656
2003	115,000	110,000	1,700	1,870	18.60	34,782
2004	115,000	100,000	1,150	1,150	23.20	26,680
Navy						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	66,000	60,000	1,650	990	--	--
2001	48,000	44,000	1,620	713	--	--
2002	67,000	60,000	1,880	1,128	--	--
2003	36,000	35,000	1,750	612	--	--
2004	40,000	33,000	1,000	330	--	--
Pinto						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	39,000	34,000	1,450	494	--	--
2001	13,000	12,000	1,300	156	--	--
2002	25,000	23,000	1,400	322	--	--
2003	21,000	20,000	1,650	329	--	--
2004	18,000	16,000	1,000	160	--	--
Light Red Kidney						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	10,000	9,600	1,850	178	--	--
2001	8,200	7,700	1,490	115	--	--
2002	7,600	7,400	2,050	152	--	--
2003	10,000	9,400	1,490	140	--	--
2004	7,300	6,900	1,700	117	--	--
Dark Red Kidney						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	32,000	30,000	1,700	510	--	--
2001	31,000	29,000	1,500	435	--	--
2002	42,000	39,000	1,780	694	--	--
2003	27,000	26,000	1,850	480	--	--
2004	30,000	26,400	1,350	356	--	--
Other Dry Edible Beans						
	----- Acres -----		Pounds	1,000 Cwt.		
2000	18,000	16,400	1,390	228	--	--
2001	14,800	12,300	1,270	156	--	--
2002	28,400	25,600	1,450	370	--	--
2003	21,000	19,600	1,580	309	--	--
2004	19,700	17,700	1,060	187	--	--

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings. Marketing year is September-August for dry beans. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year. Prices not available by type.

--continued

CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 2000-2004 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
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Sweet Corn for Processing

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
2000	136,900	129,400	5.85	756,760	67.30	50,897
2001	132,000	130,200	6.10	794,720	68.80	54,714
2002	148,000	136,900	6.46	884,630	64.60	57,159
2003	142,200	139,400	6.73	938,800	64.50	60,563
2004	138,000	135,400	6.61	894,590	72.50	64,887

Green Peas for Processing

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
2000	95,100	86,400	1.62	140,240	322.00	45,204
2001	69,300	67,100	1.42	95,350	337.00	32,091
2002	80,500	74,600	1.32	98,370	319.00	31,362
2003	88,700	81,800	1.93	158,110	288.00	45,524
2004	71,700	68,000	1.46	99,080	294.00	29,106

Onions

	----- Acres -----		Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols. 3/
2000	300	90	210	19	7.00	63
2001	230	220	330	73	7.35	463
2002	280	250	310	78	7.60	517
2003	280	210	310	65	9.25	509
2004	4/	4/	4/	4/	4/	4/

Carrots for Processing

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
2000	1,600	1,300	17.81	23,150	65.10	1,507
2001	1,100	1,000	23.00	23,000	97.60	2,245
2002	900	900	26.00	23,400	70.80	1,657
2003	900	850	24.82	21,100	53.40	1,127
2004	800	160	18.81	3,010	55.50	167

Crop Year	Acreage Planted	Acreage Planted	Utilized Production	Price Per Unit	Farm Value of Utilized Production
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Commercial Apples

			Mil. Lbs.	Cents Per Lb.	1,000 Dols.
2000	--	--	17.4	43.2	7,523
2001	--	--	15.5	47.5	7,363
2002	--	--	17.7	50.9	9,008
2003	--	--	19.8	43.6	8,624
2004	--	--	19.9	41.0	8,157

1/ Processing and fresh market commodity prices are available only at harvest. Price for latest year shown is preliminary.

2/ Price per unit for sweet corn, green peas, and carrots for processing includes price received by the producer plus expenses incurred by the processor to get the commodity to the processing plant door.

3/ Value computed on marketed production.

4/ 2004 data not published to avoid disclosure of individual operations.

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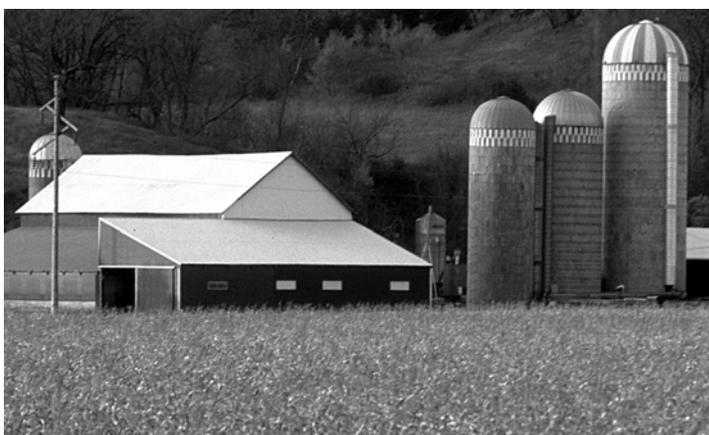
CROPS: Acreage, Yield, Production, Price and Value, Minnesota, 2000-2004 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
	----- Acres -----		Cwt.	1,000 Cwt.	Dols per Cwt.	1,000 Dols
2000	66,000	59,000	360	21,240	5.10	108,324
2001	59,000	55,000	335	18,425	5.60	103,180
2002	62,000	57,000	330	18,810	6.00	112,860
2003	60,000	58,000	385	22,330	5.05	112,767
2004	47,000	44,000	430	18,920	5.90	111,628

1/ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings, July-June. Price for latest year shown is preliminary. It includes an allowance for marketings from December through the remainder of the marketing year.

POTATO STOCKS: All Positions, Minnesota, 2000-2005

Marketing Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1
2000/2001	14,200	13,000	11,600	10,100	8,100	5,800
2001/2002	12,000	10,800	9,500	7,900	6,100	4,300
2002/2003	12,000	10,500	9,100	7,400	6,100	4,500
2003/2004	14,000	12,400	11,100	9,600	7,600	5,500
2004/2005	13,000	11,600	10,200	8,800	6,500	5,100

**GRAIN STORAGE: Capacity by Storage Position on December 1, Minnesota, 1998-2004**

Year	Off Farm 1/		On Farm Capacity	Total Capacity
	Facilities	Capacity		
	Number	----- 1,000 Bushels -----		
1998	676	479,460	1,200,000	1,679,460
1999	656	495,500	1,200,000	1,695,500
2000	623	494,500	1,225,000	1,719,500
2001	623	506,500	1,225,000	1,731,500
2002	611	506,500	1,250,000	1,756,500
2003	605	510,000	1,250,000	1,760,000
2004	592	500,000	1,250,000	1,750,000

1/ Includes mills, elevators, warehouses, terminals, and processors.

OBJECTIVE YIELD: Corn, Soybeans, and Spring Wheat, Minnesota, 2000-2004

The USDA, NASS, Minnesota Field Office conducts objective yield surveys in the state for corn, soybeans, and spring wheat. Randomly selected plots in fields across the state are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual counts from these surveys and are not official estimates of the Agricultural Statistics Board, but are intended to show trends in production practices.

CORN FOR GRAIN: Plant Population per Acre 1/

Month	2000	2001	2002	2003	2004
	<u>Number of Plants</u>				
September	27,500	28,050	26,950	28,700	29,300
November 2/	27,150	28,000	26,800	28,800	29,250

CORN FOR GRAIN: Percentage Distributions by Row Width and Average Row Width

Year	Number of Samples	Row Width (Inches) 3/						Average Row Width
		20.5 or Less	20.6-30.5	30.6-34.5	34.6-36.5	36.6-38.5	38.6 & Greater	
	<u>Number</u>	<u>Percent of Plots</u>						<u>Inches</u>
2000	164	2.4	62.3	20.1	6.1	7.3	1.8	30.5
2001	162	2.5	66.7	22.2	3.1	4.3	1.2	29.5
2002	158	1.9	69.5	19.0	3.2	5.1	1.3	30.0
2003	166	4.2	77.7	13.3	1.8	1.8	1.2	29.1
2004	160	1.9	76.2	17.5	1.9	2.5	--	29.2

SOYBEANS: Pods with Beans per 18 Square Feet 1/

Month	2000	2001	2002	2003	2004
	<u>Number of Pods</u>				
September	1,607	1,492	1,688	1,582	1,487
November	1,507	1,475	1,739	1,440	1,446
Final	1,507	1,475	1,715	1,440	1,435

SOYBEANS: Percentage Distributions by Row Width and Average Row Width

Year	Number of Samples	Row Width (Inches) 3/					Average Row Width 3/
		10.0 & Less 4/	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
	<u>Number</u>	<u>Percent of Plots</u>					<u>Inches</u>
2000	95	23.7	19.5	12.1	42.6	2.1	20.8
2001	91	14.8	25.8	17.0	41.9	0.5	21.5
2002	103	19.9	24.3	20.9	33.0	1.9	20.2
2003	92	19.6	31.5	10.9	36.9	1.1	19.6
2004	101	20.8	25.2	20.3	30.7	3.0	20.2

SPRING WHEAT: Heads per Square Foot 1/

Month	2000	2001	2002	2003	2004
	<u>Number of Heads</u>				
September	52.5	49.2	5/	5/	5/
Final	52.5	49.1	50.6	55.9	55.0

1/ Based on counts in plots selected for objective yield samples.

2/ No change between November and final.

3/ Spacings based on row measurements in sample plots selected for objective yield survey.

4/ Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

5/ September forecast discontinued.

**CORN: Biotechnology Varieties by State and United States,
Percent of All Corn Planted, 2003-2004 1/**

State	Insect Resistant (Bt)		Herbicide Resistant	
	2003	2004	2003	2004
	<u>Percent</u>		<u>Percent</u>	
IL	23	26	4	5
IN	8	11	7	8
IA	33	36	8	10
MN	31	35	15	17
SD	34	28	24	30
WI	21	22	9	14
US	25	27	11	14

State	Stacked Gene Varieties		All Biotech Varieties	
	2003	2004	2003	2004
	<u>Percent</u>		<u>Percent</u>	
IL	1	2	28	33
IN	1	2	16	21
IA	4	8	45	54
MN	7	11	53	63
SD	17	21	75	79
WI	2	2	32	38
US	4	6	40	47

1/ Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). These Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties only include those containing biotech traits for both herbicide and insect resistance.

**SOYBEANS: Biotechnology Varieties by State and United States,
Percent of All Soybeans Planted, 2003-2004**

State	Herbicide Resistant Only		All Biotech Varieties	
	2003	2004	2003	2004
	<u>Percent</u>		<u>Percent</u>	
IL	77	81	77	81
IN	88	87	88	87
IA	84	89	84	89
MN	79	82	79	82
SD	91	95	91	95
WI	84	82	84	82
US	81	85	81	85

FLORICULTURE: Flowering, Bedding, and Foliage Plants, Minnesota, 2003-04 1/ 2/ 3/

Item	Producers		Total Quantity Sold			Value of All Sales at Wholesale	
	2003	2004	Units	2003	2004	2003	2004
	--- Number ---		-----1,000 Units -----			----- 1,000 Dollars -----	
Flowering Potted Plants	--	--		--	--	10,281	10,519
African Violets	7	4	Pots	35	31	74	64
Azaleas, Finished Florist	17	16	Pots	130	103	1,050	860
Chrysanthemums, Florist	14	13	Pots	150	123	652	476
Lilies, Easter	21	19	Pots	221	191	1,061	913
Poinsettias	42	41	Pots	900	840	4,462	4,157
Roses, Potted Flowering	6	5	Pots	26	19	156	126
Spring Flowering Bulbs	18	19	Pots	160	178	687	839
Other	18	16	Pots	400	573	1,687	2,567
Bedding/Garden Plants (Annual)	--	--		--	--	47,550	45,906
Flats							
Begonias	72	72	Flats	61	52	610	537
Geraniums, from Seed	12	13	Flats	26	25	252	227
Impatiens	82	78	Flats	229	220	2,446	2,385
Impatiens, New Guinea	7	10	Flats	6	10	54	114
Marigolds	84	82	Flats	132	125	1,254	1,161
Pansy/Viola	82	83	Flats	134	118	1,329	1,162
Petunias	83	84	Flats	334	359	3,130	3,403
Vegetable Type	75	71	Flats	126	109	1,232	1,113
Other	81	76	Flats	741	617	7,254	5,806
Pots							
Begonias	65	64	Pots	313	263	648	582
Geraniums, from Cuttings	90	89	Pots	1,949	1,910	5,169	5,040
Geraniums, from Seed	32	30	Pots	1,115	1,113	994	1,117
Impatiens	44	46	Pots	210	184	484	421
Impatiens, New Guinea	90	85	Pots	496	444	1,160	1,062
Marigolds	22	21	Pots	19	20	18	19
Pansy/Viola	33	33	Pots	152	154	227	259
Petunias	58	61	Pots	386	358	822	779
Vegetable Type	66	63	Pots	1,123	1,263	1,191	1,098
Other	73	68	Pots	3,706	3,916	7,378	7,955
Hanging Baskets							
Begonias	72	76	Baskets	85	79	677	612
Geraniums, from Cuttings	81	75	Baskets	306	280	2,365	2,136
Geraniums, from Seed	6	8	Baskets	8	11	61	83
Impatiens	80	73	Baskets	127	150	1,002	1,089
Impatiens, New Guinea	73	74	Baskets	105	115	860	941
Pansy/Viola	12	15	Baskets	19	9	123	64
Petunias	75	76	Baskets	148	192	1,113	1,392
Other	74	73	Baskets	664	664	5,524	5,186
Herbaceous Perennials	--	--		--	--	14,394	13,042
Chrysanthemums, Hardy/Garden	69	65	Pots	984	961	2,240	2,147
Hostas	83	82	Pots	486	441	1,882	1,810
Other	85	80	Pots	3,525	3,153	10,272	9,085
Foliage	--	--		--	--	1,265	1,251
Hanging Baskets	22	22	Baskets	102	112	620	687
Potted	9	10		--	--	645	564
Cut Flowers	--	--		--	--	5,245	5,018
Alstroemeria	3	2	Stems	1,360	980	889	640
Chrysanthemums, Pompom	2	2	Bunches	9	8	27	11
Gerbera Daisies	2	2	Stems	204	312	167	217
Gladioli	1	1	Spikes	10	10	3	3
Iris	2	1	Stems	18	3	11	2
Lilies, All	5	4	Stems	342	371	546	500
Lisianthus	1	1	Stems	18	13	18	12
Roses	2	2	Stems	3,560	3,460	2,773	2,851
Snapdragons	3	2	Spikes	271	211	172	175
Tulips	4	3	Stems	1,173	1,222	556	544
Other	5	3		--	--	83	63

1/ Summarized only from producers with \$100,000 or more in annual sales.

2/ Data that are not available because of questionnaire differences between years or published at the U.S. level only are denoted with "--".

3/ Statistical techniques are used to avoid the disclosure of individual operators. Data suppressed by these methods may be published if approval is granted by the operators.

2004 SOYBEAN CHEMICAL USAGE

Phosphate was the most commonly used fertilizer on soybeans; it was applied to 26 percent of acreage in the Program States. A total of 1,095.9 million pounds of phosphate were applied to the Program State acreage. Potash was the next most frequently applied fertilizer, with 23 percent of acres planted being treated; a total of 1,733.9 million pounds were applied. Nitrogen had the smallest acreage coverage at only 21 percent of Program State acres.

Herbicides were applied to 97 percent of the Program State acreage though one active ingredient clearly dominated. Glyphosate was used on 87 percent of all the acres treated, 0.73 pounds of glyphosate were applied per acre per application, and 57.7 million total pounds of glyphosate were applied. The next four most widely used active ingredients were chlorimur-ethyl, sulfentrazone, trifluralin and pendimethalin, but their percent of acres treated were much smaller.

Insecticides were used on 4 percent of the Program State acres, but individual active ingredients only covered a maximum of 1 percent of soybean Program State acreage. Fungicides were applied to only 1 percent of the Program State acres; only the active ingredient azoxystrobin was reported.



SOYBEANS: Acreage, Percent Receiving Fertilizer or Chemicals, Number of Applications, Rates per Application, Selected States, 2004

State	Area Planted	Nitrogen			Phosphate			Potash			Herbicide	Insecticide
		Area Applied 1/	Applications	Rate per Application	Area Applied 1/	Applications	Rate per Application	Area Applied 1/	Applications	Rate per Application	Area Applied 1/	Area Applied 1/
	1,000											
	Acres	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
IL	9,950	14	1.6	22	18	1.6	66	32	1.6	103	98	1
IN	5,550	15	1.6	24	25	1.5	58	40	1.5	100	99	2/
IA	10,200	10	1.6	24	11	1.5	58	15	1.5	71	98	1
MN	7,300	19	1.7	17	18	1.5	39	16	1.6	46	98	2/
Total 3/	61,150	21	1.5	18	26	1.5	47	23	1.5	81	97	4

1/ Refers to acres receiving one or more applications of a specific fertilizer or chemical.

2/ Data not published due to insufficient number of reports.

3/ Refers to eleven major soybean states including: AR, IL, IN, IA, KS, MN, MO, NE, ND, OH, and SD.

SOYBEANS: Frequency and Extent of Chemical Usage By Active Ingredient, Minnesota, 2004 1/

Ingredient	Area Applied 2/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Pounds per Acre	Pounds per Acre	1,000 Pounds
Herbicides					
Clethodim	3	1.1	0.15	0.16	38
Cloransulam-methyl	5	1.1	0.03	0.03	12
Fomesafem	3	1.2	0.17	0.20	41
Glyphosate	83	1.6	0.72	1.11	6,762
Imazamox	4	1.0	0.02	0.02	7
Imazethapyr	3	1.0	0.04	0.04	9
Pendimethalin	4	1.0	0.80	0.80	235
Sulfosate	2	1.0	1.16	1.16	198
Trifluralin	11	1.0	0.79	0.81	651

1/ Planted acres in 2004 for Minnesota were 7.3 million acres.

2/ Refers to acres receiving one or more applications of a specific chemical.

2004 OTHER SPRING WHEAT CHEMICAL USAGE

Nitrogen fertilizer was applied to 93 percent of the 2004 spring wheat planted acreage in the Program States. Spring wheat growers in the Program States applied nitrogen 2.0 times per acre on average, putting down 48 pounds of nitrogen per acre per treatment. Fertilizers with phosphate were applied to 79 percent of the planted acreage and 25 percent of the planted acreage received potash applications.

Spring wheat producers in the states surveyed treated 96 percent of their planted acreage with herbicides. MCPA was the most widely applied herbicide with 46 percent of the planted acreage being treated in the Program States. It was applied at a rate of 0.29 pounds per acre per application. The next four most frequently applied active ingredients were fenoxaprop, glyphosate, 2,4-D, and bromoxynil octanoate.

Insecticides were applied to only 2 percent and fungicides were applied to 20 percent of the other spring wheat acres planted in the Program States.

SPRING WHEAT: Acreage, Percent Receiving Fertilizer or Chemicals, Number of Applications, Rates per Application, Major States, 2004

State	Area Planted	Nitrogen			Phosphate			Potash			Herbicide	Insecticide
		Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Appli-cations	Rate per Appli-cation	Area Applied 1/	Area Applied 1/
	1,000											
	Acres	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
MN	1,700	98	1.6	67	91	1.1	43	54	1.2	32	99	10
MT	3,000	79	1.7	34	69	1.3	26	13	1.4	16	95	2/
ND	6,200	98	2.5	46	86	1.6	32	27	1.5	16	97	2/
Total 3/	13,710	93	2.0	48	79	1.4	33	25	1.4	21	96	2

1/ Refers to acres receiving one or more applications of a specific fertilizer or chemical.

2/ Data not published due to insufficient reports.

3/ Refers to seven major spring wheat states including; ID, MN, MT, ND, OR, SD, and WA.

OTHER SPRING WHEAT: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2004 1/

Active Ingredient	Area Applied 2/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Lbs. Per Acre	Lbs. Per Acre	1,000 Pounds
Herbicides					
2,4-D	8	1.0	0.55	0.55	76
2,4-DP, Dimeth. Salt	4	1.0	0.37	0.37	25
Acetic acid (2,4-D)	4	1.0	0.44	0.44	32
Bromoxynil	12	1.0	0.29	0.29	60
Bromoxynil octanoate	39	1.0	0.30	0.30	200
Clodinafop-propargil	13	1.0	0.05	0.05	12
Clopyralid	14	1.0	0.08	0.08	18
Dicamba	4	1.0	0.08	0.08	5
Fenoxaprop	30	1.0	0.08	0.08	43
Flucarbazone-sodium	13	1.0	0.02	0.02	5
Fluroxypyr	8	1.0	0.07	0.07	9
Glyphosate	7	1.0	0.63	0.63	75
MCPA	68	1.0	0.34	0.35	403
MCPA, dimethyl. Salt	5	1.0	0.40	0.40	35
Thifensulfuron	15	1.0	0.008	0.008	2
Tribenuron-methyl	9	1.0	0.006	0.006	1
Fungicides					
Pyraclostrobin	13	1.1	0.06	0.06	14
Tebuconazole	33	1.0	0.10	0.10	56

1/ Planted acres in 2004 for Minnesota were 1.7 million acres.

2/ Refers to acres receiving one or more applications of a specific chemical.

**CORN: Acreage Planted for All Purposes, Harvested for Grain, Yield,
and Production, by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	20,200	25,800	12,900	12,700	101.0	69.0	1,302,900	876,300
Clay	41,700	51,900	36,800	46,100	117.0	104.0	4,305,600	4,794,400
Clearwater	3,600	--	2,000	--	107.0	--	214,000	--
Kittson	5,400	--	3,400	--	115.0	--	391,000	--
Mahnomen	16,300	23,100	14,000	16,200	116.0	68.0	1,624,000	1,101,600
Marshall	7,600	--	4,500	--	112.0	--	504,000	--
Norman	30,000	43,500	26,700	39,500	126.0	89.0	3,364,200	3,515,500
Pennington	1,600	--	1,100	--	107.0	--	117,700	--
Polk	24,000	37,700	21,200	32,400	107.0	76.0	2,268,400	2,462,400
Red Lake	5,500	6,700	3,500	3,600	108.0	49.0	378,000	176,400
Roseau	6,400	--	3,500	--	115.0	--	402,500	--
Combined Counties	--	23,200	--	6,200	--	51.8	--	321,400
Northwest	162,300	211,900	129,600	156,700	114.8	84.5	14,872,300	13,248,000
Beltrami	4,400	--	400	--	68.0	--	27,200	--
Cass	7,800	--	3,500	--	108.0	--	378,000	--
Hubbard	11,800	11,100	10,400	8,100	131.0	89.0	1,362,400	720,900
Combined Counties	1,100	13,800	400	3,900	111.5	67.7	44,600	264,200
North Central	25,100	24,900	14,700	12,000	123.3	82.1	1,812,200	985,100
Combined Counties	100	100	100	100	60.0	60.0	6,000	6,000
Northeast	100	100	100	100	60.0	60.0	6,000	6,000
Big Stone	77,200	80,200	71,000	77,900	117.0	149.0	8,307,000	11,607,100
Chippewa	139,400	143,000	137,300	142,200	153.0	158.0	21,006,900	22,467,600
Douglas	56,600	60,400	48,400	53,300	128.0	128.0	6,195,200	6,822,400
Grant	88,000	95,500	85,900	93,400	137.0	145.0	11,768,300	13,543,000
Lac Qui Parle	157,900	163,200	149,900	158,200	123.0	150.0	18,437,700	23,730,000
Otter Tail	151,700	152,400	130,500	128,100	132.0	118.0	17,226,000	15,115,800
Pope	97,200	98,500	89,900	93,200	140.0	135.0	12,586,000	12,582,000
Stevens	143,100	147,700	135,800	143,600	154.0	148.0	20,913,200	21,252,800
Swift	160,500	173,300	151,300	167,400	143.0	142.0	21,635,900	23,770,800
Traverse	111,100	116,400	108,000	109,100	128.0	149.0	13,824,000	16,255,900
Wilkin	47,200	62,800	45,600	60,700	119.0	127.0	5,426,400	7,708,900
Yellow Medicine	182,800	186,800	175,500	180,500	141.0	158.0	24,745,500	28,519,000
West Central	1,412,700	1,480,200	1,329,100	1,407,600	137.0	144.5	182,072,100	203,375,300
Benton	59,700	64,700	45,100	55,700	118.0	122.0	5,321,800	6,795,400
Carver	61,900	61,400	55,500	56,400	145.0	166.0	8,047,500	9,362,400
Kandiyohi	140,900	145,400	133,600	139,200	151.0	155.0	20,173,600	21,576,000
McLeod	105,300	107,600	101,300	104,400	153.0	156.0	15,498,900	16,286,400
Meeker	111,300	119,800	102,500	114,300	137.0	151.0	14,042,500	17,259,300
Morrison	97,300	98,900	66,700	79,200	85.0	92.0	5,669,500	7,286,400
Renville	246,600	258,000	237,800	254,800	155.0	164.0	36,859,000	41,787,200
Scott	41,100	40,500	38,100	36,800	147.0	170.0	5,600,700	6,256,000
Sherburne	27,800	28,800	24,700	27,300	128.0	141.0	3,161,600	3,849,300
Sibley	135,900	144,600	126,200	137,200	159.0	170.0	20,065,800	23,324,000
Stearns	208,300	214,700	162,500	180,500	122.0	144.0	19,825,000	25,992,000
Todd	73,600	76,600	49,300	61,200	101.0	104.0	4,979,300	6,364,800
Wadena	22,600	24,200	17,600	16,800	105.0	93.0	1,848,000	1,562,400
Wright	77,900	79,800	61,800	71,300	118.0	147.0	7,292,400	10,481,100
Central	1,410,200	1,465,000	1,222,700	1,335,100	137.7	148.4	168,385,600	198,182,700

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**CORN: Acreage Planted for All Purposes, Harvested for Grain, Yield,
and Production, by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Anoka	8,300	7,800	7,400	7,200	86.0	84.0	636,400	604,800
Carlton	1,600	--	200	--	80.0	--	16,000	--
Chisago	24,200	26,000	18,300	23,200	101.0	115.0	1,848,300	2,668,000
Crow Wing	7,700	9,200	4,000	6,500	90.0	81.0	360,000	526,500
Hennepin	15,900	16,900	13,400	15,600	122.0	151.0	1,634,800	2,355,600
Isanti	32,500	37,300	30,300	36,200	96.0	112.0	2,908,800	4,054,400
Kanabec	16,500	17,000	12,300	13,300	81.0	94.0	996,300	1,250,200
Mille Lacs	23,000	24,700	17,500	20,300	88.0	122.0	1,540,000	2,476,600
Pine	19,700	20,400	11,900	15,000	92.0	118.0	1,094,800	1,770,000
Washington	21,100	22,500	19,800	20,900	120.0	140.0	2,376,000	2,926,000
Combined Counties	1,400	3,100	300	800	82.0	78.5	24,600	62,800
East Central	171,900	184,900	135,400	159,000	99.2	117.6	13,436,000	18,694,900
Cottonwood	175,700	180,700	166,300	174,000	147.0	175.0	24,446,100	30,537,500
Jackson	178,700	182,400	175,600	179,400	152.0	180.0	26,691,200	32,292,000
Lincoln	93,100	96,000	86,000	92,200	142.0	142.0	12,212,000	13,092,400
Lyon	176,500	180,700	170,300	176,600	140.0	160.0	23,842,000	28,256,000
Murray	174,000	183,800	164,500	178,500	144.0	159.0	23,688,000	28,381,500
Nobles	192,600	203,500	184,500	198,800	141.0	166.0	26,014,500	33,000,800
Pipestone	95,900	106,300	90,200	100,100	141.0	143.0	12,718,200	14,314,300
Redwood	233,300	240,400	226,700	235,800	152.0	171.0	34,458,400	40,321,800
Rock	128,100	133,600	119,800	127,800	146.0	158.0	17,490,800	20,192,400
Southwest	1,447,900	1,507,400	1,383,900	1,463,700	145.6	164.2	201,561,200	240,388,700
Blue Earth	178,700	184,800	175,200	182,000	164.0	180.0	28,732,800	32,904,000
Brown	165,300	155,900	152,900	145,000	157.0	180.0	24,005,300	26,100,000
Faribault	197,300	203,400	195,000	201,700	170.0	182.0	33,150,000	36,709,400
Freeborn	173,100	179,700	170,400	177,800	168.0	177.0	28,627,200	31,470,600
Le Sueur	92,400	95,100	87,000	92,800	158.0	172.0	13,746,000	15,691,600
Martin	216,200	218,700	210,000	216,200	170.0	192.0	35,700,000	41,510,400
Nicollet	117,000	121,000	111,200	117,800	172.0	173.0	19,126,400	20,379,400
Rice	80,500	83,300	73,100	76,100	155.0	170.0	11,330,500	12,937,000
Steele	102,600	108,100	98,800	105,100	155.0	169.0	15,314,000	17,761,900
Waseca	117,100	118,900	114,900	115,200	169.0	180.0	19,418,100	20,736,000
Watonwan	120,300	129,100	118,300	127,500	166.0	190.0	19,637,800	24,225,000
South Central	1,560,500	1,598,000	1,506,800	1,558,000	165.1	180.2	248,788,100	280,695,300
Dakota	91,100	94,200	87,200	91,700	145.0	174.0	12,644,000	15,955,800
Dodge	109,100	109,000	106,100	103,600	158.0	175.0	16,763,800	18,130,000
Fillmore	160,800	160,600	146,800	150,400	153.0	170.0	22,460,400	25,568,000
Goodhue	138,200	143,800	126,400	132,900	155.0	178.0	19,592,000	23,656,200
Houston	56,700	55,900	48,900	49,200	153.0	166.0	7,481,700	8,167,200
Mower	171,300	188,400	164,400	182,400	140.0	169.0	23,016,000	30,825,600
Olmsted	110,100	110,100	102,300	102,400	152.0	173.0	15,549,600	17,715,200
Wabasha	87,700	87,400	78,900	78,800	157.0	176.0	12,387,300	13,868,800
Winona	84,300	78,200	66,700	66,400	151.0	173.0	10,071,700	11,487,200
Southeast	1,009,300	1,027,600	927,700	957,800	150.9	172.7	139,966,500	165,374,000
Minnesota	7,200,000	7,500,000	6,650,000	7,050,000	146.0	159.0	970,900,000	1,120,950,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**CORN FOR SILAGE: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Becker	7,100	8,400	10.3	12.0	73,100	100,800
Clay	3,300	5,400	11.7	12.0	38,600	64,800
Clearwater	1,500	--	9.7	--	14,600	--
Kittson	1,900	--	9.7	--	18,400	--
Mahnomen	2,200	2,300	13.8	9.0	30,400	20,700
Marshall	2,700	--	10.7	--	28,900	--
Norman	2,700	2,400	11.6	9.0	31,300	21,600
Pennington	400	--	10.8	--	4,300	--
Polk	2,600	1,500	10.8	11.0	28,100	16,500
Red Lake	1,900	2,500	11.1	9.0	21,100	22,500
Roseau	2,700	--	10.4	--	28,100	--
Combined Counties	--	9,200	--	7.2	--	66,300
Northwest	29,000	31,700	10.9	9.9	316,900	313,200
Beltrami	3,900	--	13.1	--	51,100	--
Cass	3,900	--	9.0	--	35,100	--
Hubbard	1,300	1,000	11.2	7.0	14,600	7,000
Combined Counties	600	8,900	11.0	9.5	6,600	84,900
North Central	9,700	9,900	11.1	9.3	107,400	91,900
Big Stone	1,600	1,700	10.9	13.0	17,500	22,100
Chippewa	700	500	13.1	14.0	9,200	7,000
Douglas	7,500	6,900	14.2	15.0	106,500	103,500
Grant	1,400	900	14.9	15.0	20,900	13,500
Lac Qui Parle	6,700	4,500	13.2	17.0	88,400	76,500
Otter Tail	19,600	20,500	11.3	13.0	221,500	266,500
Pope	6,000	5,200	13.2	19.0	79,200	98,800
Stevens	6,200	3,800	13.2	17.0	81,800	64,600
Swift	8,000	5,800	15.2	19.0	121,600	110,200
Traverse	1,000	500	11.0	15.0	11,000	7,500
Wilkin	1,200	600	11.4	14.0	13,700	8,400
Yellow Medicine	6,000	6,200	12.9	15.0	77,400	93,000
West Central	65,900	57,100	12.9	15.3	848,700	871,600
Benton	14,100	8,900	10.9	14.0	153,700	124,600
Carver	5,900	4,900	16.4	18.0	96,800	88,200
Kandiyohi	6,200	6,100	16.2	18.0	100,400	109,800
McLeod	3,000	3,100	13.4	16.0	40,200	49,600
Meeker	7,800	5,400	13.6	18.0	106,100	97,200
Morrison	28,300	19,600	12.2	12.0	345,200	235,200
Renville	5,100	3,100	13.9	17.0	70,900	52,700
Scott	2,700	3,600	15.4	20.0	41,600	72,000
Sherburne	2,500	1,400	11.9	11.0	29,800	15,400
Sibley	8,700	7,300	15.9	20.0	138,300	146,000
Stearns	44,100	34,100	13.6	17.0	599,700	579,700
Todd	23,000	15,200	10.0	13.0	230,000	197,600
Wadena	4,400	7,300	10.2	11.0	44,900	80,300
Wright	14,900	8,400	16.0	18.0	238,400	151,200
Central	170,700	128,400	13.1	15.6	2,236,000	1,999,500

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**CORN FOR SILAGE: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Anoka	700	500	10.1	10.8	7,100	5,400
Carlton	1,300	--	7.5	--	9,800	--
Chisago	5,700	2,700	13.0	14.0	74,100	37,800
Crow Wing	3,500	2,600	8.1	11.0	28,400	28,600
Hennepin	2,300	1,200	9.9	14.5	22,800	17,400
Isanti	1,900	1,000	11.6	15.0	22,000	15,000
Kanabec	4,000	3,600	12.4	14.0	49,600	50,400
Mille Lacs	5,200	4,300	12.8	14.0	66,500	60,200
Pine	7,500	5,200	10.4	12.0	78,000	62,400
Washington	1,100	1,500	12.8	15.0	14,100	22,500
Combined Counties	1,000	1,900	7.9	10.9	7,900	20,700
East Central	34,200	24,500	11.1	13.1	380,300	320,400
Cottonwood	6,200	5,100	15.2	19.0	94,200	96,900
Jackson	1,900	2,900	15.9	18.5	30,200	53,700
Lincoln	6,300	3,700	14.0	16.5	88,200	61,100
Lyon	4,800	4,000	13.6	16.0	65,300	64,000
Murray	8,400	5,100	13.5	15.0	113,400	76,500
Nobles	6,800	4,600	13.8	17.5	93,800	80,500
Pipestone	5,100	6,100	16.7	15.0	85,200	91,500
Redwood	4,900	4,300	16.4	17.0	80,400	73,100
Rock	6,900	5,700	13.8	17.5	95,200	99,700
Southwest	51,300	41,500	14.5	16.8	745,900	697,000
Blue Earth	2,300	1,900	18.6	19.0	42,800	36,100
Brown	11,200	10,600	17.0	19.0	190,400	201,400
Faribault	1,000	1,600	16.4	18.0	16,400	28,800
Freeborn	1,400	1,800	15.8	17.0	22,100	30,600
Le Sueur	3,800	2,200	16.3	18.0	61,900	39,600
Martin	3,200	2,400	17.9	20.0	57,300	48,000
Nicollet	5,000	3,000	19.2	20.0	96,000	60,000
Rice	6,800	7,100	18.2	20.0	123,700	142,000
Steele	3,100	2,900	16.7	17.0	51,800	49,300
Waseca	1,400	3,400	16.8	20.0	23,500	68,000
Watonwan	1,200	1,400	16.4	20.0	19,700	28,000
South Central	40,400	38,300	17.5	19.1	705,600	731,800
Dakota	3,200	2,400	15.5	20.0	49,600	48,000
Dodge	2,300	5,300	17.3	20.0	39,800	106,000
Fillmore	12,900	10,100	17.3	19.0	223,200	191,900
Goodhue	10,900	10,700	18.4	20.0	200,500	214,000
Houston	6,900	6,500	17.7	19.0	122,100	123,500
Mower	5,800	5,900	17.7	20.0	102,700	118,000
Olmsted	7,000	7,500	17.3	21.0	121,100	157,500
Wabasha	7,800	8,500	17.4	20.0	135,700	170,000
Winona	17,000	11,700	18.5	21.0	314,500	245,700
Southeast	73,800	68,600	17.7	20.0	1,309,200	1,374,600
Minnesota	475,000	400,000	14.0	16.0	6,650,000	6,400,000

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**SOYBEANS: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Becker	86,800	86,500	86,100	79,700	27.0	14.0	2,324,700	1,115,800
Clay	159,500	170,200	158,700	166,900	29.0	23.0	4,602,300	3,838,700
Clearwater	6,000	10,400	5,900	8,900	28.0	14.0	165,200	124,600
Kittson	78,000	92,400	77,800	48,900	32.0	15.0	2,489,600	733,500
Mahnomen	55,700	58,600	55,500	52,600	29.0	12.0	1,609,500	631,200
Marshall	167,400	176,400	166,800	104,600	28.0	7.0	4,670,400	732,200
Norman	168,400	173,300	164,500	168,000	30.0	14.0	4,935,000	2,352,000
Pennington	85,100	79,700	84,800	57,600	27.0	7.0	2,289,600	403,200
Polk	280,400	282,400	279,500	266,200	30.0	13.0	8,385,000	3,460,600
Red Lake	68,000	67,000	67,800	64,900	28.0	13.0	1,898,400	843,700
Roseau	41,100	26,100	39,200	6,000	30.0	10.0	1,176,000	60,000
Northwest	1,196,400	1,223,000	1,186,600	1,024,300	29.1	14.0	34,545,700	14,295,500
Beltrami	3,600	--	3,500	--	25.0	--	87,500	--
Cass	1,500	--	1,400	--	36.0	--	50,400	--
Hubbard	3,800	5,900	3,700	5,500	36.0	14.0	133,200	77,000
Koochiching	1,700	--	1,600	--	26.0	--	41,600	--
Lake of the Woods	--	2,200	--	800	--	15.0	--	12,000
Combined Counties	2,000	12,300	1,900	10,700	29.8	7.3	56,700	77,700
North Central	12,600	20,400	12,100	17,000	30.5	9.8	369,400	166,700
Big Stone	113,900	110,900	111,000	110,700	27.0	34.0	2,997,000	3,763,800
Chippewa	121,500	118,100	120,600	117,900	35.0	36.0	4,221,000	4,244,400
Douglas	73,400	71,000	72,300	70,500	25.0	29.0	1,807,500	2,044,500
Grant	120,800	110,900	119,800	110,600	31.0	34.0	3,713,800	3,760,400
Lac Qui Parle	173,200	168,600	172,600	168,100	29.0	32.0	5,005,400	5,379,200
Otter Tail	142,500	135,500	141,700	134,100	30.0	26.0	4,251,000	3,486,600
Pope	88,700	84,900	87,400	84,700	30.0	33.0	2,622,000	2,795,100
Stevens	136,800	132,200	136,300	131,300	34.0	33.0	4,634,200	4,332,900
Swift	152,900	144,900	151,800	144,700	31.0	30.0	4,705,800	4,341,000
Traverse	141,200	140,500	138,700	129,800	31.0	33.0	4,299,700	4,283,400
Wilkin	143,500	145,300	142,800	140,900	30.0	28.0	4,284,000	3,945,200
Yellow Medicine	179,800	175,600	179,100	172,500	33.0	35.0	5,910,300	6,037,500
West Central	1,588,200	1,538,400	1,574,100	1,515,800	30.8	31.9	48,451,700	48,414,000
Benton	30,300	30,200	30,000	30,000	24.0	31.0	720,000	930,000
Carver	43,200	42,600	43,000	42,400	31.0	39.0	1,333,000	1,653,600
Kandiyohi	123,300	118,700	122,600	118,400	31.0	35.0	3,800,600	4,144,000
McLeod	94,300	89,700	93,900	88,000	28.0	35.0	2,629,200	3,080,000
Meeker	117,000	107,300	116,100	107,000	25.0	35.0	2,902,500	3,745,000
Morrison	22,500	26,200	22,400	25,800	23.0	28.0	515,200	722,400
Renville	224,900	217,900	223,200	217,500	33.0	34.0	7,365,600	7,395,000
Scott	36,300	32,700	36,100	32,500	31.0	38.0	1,119,100	1,235,000
Sherburne	18,900	18,600	18,500	18,400	25.0	32.0	462,500	588,800
Sibley	120,200	117,500	119,400	116,700	30.0	38.0	3,582,000	4,434,600
Stearns	99,400	97,600	98,900	97,400	26.0	35.0	2,571,400	3,409,000
Todd	40,000	41,100	39,800	40,600	22.0	27.0	875,600	1,096,200
Wadena	6,100	7,200	6,000	7,100	27.0	27.0	162,000	191,700
Wright	79,100	74,400	77,900	74,000	24.0	36.0	1,869,600	2,664,000
Central	1,055,500	1,021,700	1,047,800	1,015,800	28.5	34.7	29,908,300	35,289,300

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**SOYBEANS: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Aitkin	3,800	--	3,700	--	34.0	--	125,800	--
Anoka	5,300	3,900	5,200	3,800	18.0	19.0	93,600	72,200
Chisago	24,900	22,000	24,800	21,800	24.0	25.0	595,200	545,000
Hennepin	16,600	14,700	16,500	14,600	28.0	33.0	462,000	481,800
Isanti	31,600	27,800	31,400	27,600	19.0	22.0	596,600	607,200
Kanabec	9,900	9,600	9,800	9,500	18.0	22.0	176,400	209,000
Mille Lacs	12,800	13,000	12,700	12,900	20.0	30.0	254,000	387,000
Pine	10,600	9,800	10,500	9,700	23.0	31.0	241,500	300,700
Washington	15,300	13,800	15,200	13,700	20.0	29.0	304,000	397,300
Combined Counties	800	3,200	800	3,000	30.5	25.4	24,400	76,300
East Central	131,600	117,800	130,600	116,600	22.0	26.4	2,873,500	3,076,500
Cottonwood	165,200	157,600	164,500	157,400	35.0	41.0	5,757,500	6,453,400
Jackson	175,300	169,200	174,600	169,000	39.0	39.0	6,809,400	6,591,000
Lincoln	95,400	97,000	95,000	96,800	32.0	35.0	3,040,000	3,388,000
Lyon	170,000	161,700	169,200	161,300	34.0	38.0	5,752,800	6,129,400
Murray	171,700	164,100	171,000	163,800	36.0	37.0	6,156,000	6,060,600
Nobles	188,900	179,700	188,000	178,500	37.0	40.0	6,956,000	7,140,000
Pipestone	100,000	91,500	99,600	91,300	36.0	34.0	3,585,600	3,104,200
Redwood	218,700	213,100	217,800	212,700	34.0	39.0	7,405,200	8,295,300
Rock	121,000	117,300	120,400	117,100	39.0	42.0	4,695,600	4,918,200
Southwest	1,406,200	1,351,200	1,400,100	1,347,900	35.8	38.6	50,158,100	52,080,100
Blue Earth	171,400	165,500	170,700	164,700	35.0	44.0	5,974,500	7,246,800
Brown	147,800	127,700	147,200	127,400	35.0	41.0	5,152,000	5,223,400
Faribault	174,400	171,000	173,800	169,800	37.0	42.0	6,430,600	7,131,600
Freeborn	158,800	157,500	158,100	155,400	36.0	39.0	5,691,600	6,060,600
Le Sueur	83,400	81,900	82,900	81,700	34.0	40.0	2,818,600	3,268,000
Martin	191,500	186,300	190,500	183,700	37.0	42.0	7,048,500	7,715,400
Nicollet	95,400	92,400	95,000	92,200	34.0	38.0	3,230,000	3,503,600
Rice	67,300	66,000	67,000	65,800	32.0	40.0	2,144,000	2,632,000
Steele	91,000	87,000	90,600	86,000	31.0	38.0	2,808,600	3,268,000
Waseca	98,600	98,000	98,200	97,200	36.0	42.0	3,535,200	4,082,400
Watonwan	111,600	110,800	110,800	110,500	36.0	44.0	3,988,800	4,862,000
South Central	1,391,200	1,344,100	1,384,800	1,334,400	35.3	41.2	48,822,400	54,993,800
Dakota	67,800	64,000	67,100	63,800	31.0	39.0	2,080,100	2,488,200
Dodge	94,300	91,800	93,800	91,500	33.0	41.0	3,095,400	3,751,500
Fillmore	101,100	98,200	100,700	97,400	33.0	41.0	3,323,100	3,993,400
Goodhue	100,600	94,300	100,200	94,100	34.0	41.0	3,406,800	3,858,100
Houston	27,900	27,500	27,100	27,300	35.0	45.0	948,500	1,228,500
Mower	177,200	162,600	176,600	159,700	30.0	40.0	5,298,000	6,388,000
Olmsted	75,500	77,700	75,000	77,500	34.0	41.0	2,550,000	3,177,500
Wabasha	41,500	36,800	41,200	36,600	35.0	44.0	1,442,000	1,610,400
Winona	32,400	30,500	32,200	30,300	35.0	45.0	1,127,000	1,363,500
Southeast	718,300	683,400	713,900	678,200	32.6	41.1	23,270,900	27,859,100
Minnesota	7,500,000	7,300,000	7,450,000	7,050,000	32.0	33.5	238,400,000	236,175,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**ALL WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	58,400	56,000	57,100	54,000	55.0	57.0	3,140,500	3,078,000
Clay	157,600	140,500	154,000	135,900	58.0	61.0	8,932,000	8,289,900
Clearwater	6,600	4,100	6,400	4,000	43.5	49.0	278,100	196,000
Kittson	177,400	156,000	173,300	142,100	59.7	53.6	10,354,600	7,617,500
Mahnomen	30,000	25,000	29,300	24,100	54.0	57.0	1,582,200	1,373,700
Marshall	223,300	211,800	217,900	196,100	62.0	48.8	13,509,800	9,569,900
Norman	156,200	142,900	152,400	137,600	57.0	60.0	8,686,800	8,256,000
Pennington	66,100	64,100	64,400	61,900	55.6	47.7	3,581,700	2,953,600
Polk	297,000	280,700	289,300	269,300	60.0	57.9	17,358,000	15,587,400
Red Lake	53,200	52,700	52,000	51,000	57.4	56.0	2,984,500	2,856,000
Roseau	127,500	89,700	124,200	72,500	57.1	36.6	7,095,600	2,655,000
Combined Counties	4,800	4,300	4,600	4,100	48.4	39.4	222,500	161,600
Northwest	1,358,100	1,227,800	1,324,900	1,152,600	58.7	54.3	77,726,300	62,594,600
Beltrami	6,400	3,600	6,300	3,200	60.0	34.0	378,000	108,800
Hubbard	1,600	2,400	1,500	2,300	47.0	40.0	70,500	92,000
Koochiching	1,400	--	1,300	--	46.0	--	59,800	--
Lake of the Woods	17,000	12,400	16,700	11,500	50.0	41.0	835,000	471,500
Combined Counties	500	2,000	500	1,900	47.0	45.1	23,500	85,600
North Central	26,900	20,400	26,300	18,900	52.0	40.1	1,366,800	757,900
Combined Counties	100	100	100	100	32.0	33.0	3,200	3,300
Northeast	100	100	100	100	32.0	33.0	3,200	3,300
Big Stone	35,700	31,100	33,000	30,300	58.0	58.0	1,914,000	1,757,400
Chippewa	2,700	3,500	2,600	3,400	57.0	60.0	148,200	204,000
Douglas	17,200	15,100	16,800	14,700	54.0	55.0	907,200	808,500
Grant	42,100	36,000	41,200	35,000	56.0	61.0	2,307,200	2,135,000
Lac Qui Parle	14,400	14,000	14,100	13,600	56.0	63.0	789,600	856,800
Otter Tail	61,200	56,400	59,600	54,800	54.0	54.0	3,218,400	2,959,200
Pope	9,900	10,200	9,700	9,900	49.0	50.0	475,300	495,000
Stevens	21,000	19,800	20,500	18,700	58.0	57.0	1,189,000	1,065,900
Swift	8,300	10,800	8,100	10,500	55.0	65.0	445,500	682,500
Traverse	41,700	38,200	40,600	37,200	58.0	62.0	2,354,800	2,306,400
Wilkin	141,100	132,900	134,100	128,800	57.0	57.0	7,643,700	7,341,600
Yellow Medicine	14,300	13,600	14,000	13,200	58.0	60.0	812,000	792,000
Combined Counties	--	3,100	--	3,000	--	50.0	--	150,000
West Central	409,600	384,700	394,300	373,100	56.3	57.8	22,204,900	21,554,300
Carver	1,500	1,100	1,400	1,000	49.0	56.0	68,600	56,000
Kandiyohi	4,900	5,500	4,800	5,300	50.0	60.0	240,000	318,000
McLeod	3,200	3,500	3,100	3,400	56.0	53.0	173,600	180,200
Meeker	3,500	4,000	3,400	3,900	50.0	51.0	170,000	198,900
Renville	5,700	6,200	5,500	6,000	59.0	56.0	324,500	336,000
Sibley	2,600	2,400	2,500	2,300	50.0	52.0	125,000	119,600
Stearns	4,300	6,900	4,200	6,700	52.0	51.0	218,400	341,700
Todd	4,000	4,300	3,900	4,200	41.0	54.0	159,900	226,800
Wright	2,900	4,400	2,800	4,300	40.0	51.0	112,000	219,300
Combined Counties	5,900	6,300	5,700	6,000	43.0	47.8	245,000	286,500
Central	38,500	44,600	37,300	43,100	49.2	53.0	1,837,000	2,283,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**ALL WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Kanabec	1,200	--	1,100	--	50.0	--	55,000	--
Combined Counties	2,600	7,600	2,500	7,200	39.9	42.5	99,800	306,100
East Central	3,800	7,600	3,600	7,200	43.0	42.5	154,800	306,100
Cottonwood	1,500	1,600	1,400	1,500	61.0	48.0	85,400	72,000
Lincoln	11,900	11,200	11,800	10,900	64.0	60.0	755,200	654,000
Lyon	3,700	4,200	3,600	4,100	62.0	58.0	223,200	237,800
Murray	1,000	--	900	--	55.0	--	49,500	--
Pipestone	--	1,100	--	1,000	--	52.0	--	52,000
Redwood	2,900	3,400	2,800	3,300	59.0	47.0	165,200	155,100
Combined Counties	2,400	2,300	2,400	2,300	60.4	50.0	144,900	115,000
Southwest	23,400	23,800	22,900	23,100	62.2	55.7	1,423,400	1,285,900
Brown	2,000	2,700	1,900	2,600	52.0	54.0	98,800	140,400
Le Sueur	1,600	1,100	1,500	900	51.0	54.0	76,500	48,600
Nicollet	1,200	1,100	1,100	1,000	52.0	48.0	57,200	48,000
Combined Counties	5,200	6,300	5,100	6,100	52.5	48.2	268,000	294,100
South Central	10,000	11,200	9,600	10,600	52.1	50.1	500,500	531,100
Dakota	--	1,400	--	1,300	--	44.0	--	57,020
Combined Counties	3,600	3,200	3,400	3,100	48.0	35.6	163,200	110,400
Southeast	3,600	4,600	3,400	4,400	48.0	38.1	163,200	167,600
Combined Districts	3,000	3,200	2,600	2,900	39.2	41.8	101,900	121,200
Minnesota	1,877,000	1,728,000	1,825,000	1,636,000	57.8	54.8	105,482,000	89,605,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



**SPRING WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	58,400	56,000	57,100	54,000	55.0	57.0	3,140,500	3,078,000
Clay	157,600	140,500	154,000	135,900	58.0	61.0	8,932,000	8,289,900
Clearwater	5,600	4,100	5,500	4,000	45.0	49.0	247,500	196,000
Kittson	174,100	151,300	170,200	137,800	60.0	54.0	10,212,000	7,441,200
Mahnomen	30,000	25,000	29,300	24,100	54.0	57.0	1,582,200	1,373,700
Marshall	223,300	210,100	217,900	194,600	62.0	49.0	13,509,800	9,535,400
Norman	156,200	142,900	152,400	137,600	57.0	60.0	8,686,800	8,256,000
Pennington	64,000	62,900	62,500	60,800	56.0	48.0	3,500,000	2,918,400
Polk	297,000	278,600	289,300	267,300	60.0	58.0	17,358,000	15,503,400
Red Lake	51,000	52,700	49,900	51,000	58.0	56.0	2,894,200	2,856,000
Roseau	121,600	86,900	118,800	70,000	58.0	37.0	6,890,400	2,590,000
Northwest	1,338,800	1,211,000	1,306,900	1,137,100	58.9	54.6	76,953,400	62,038,000
Beltrami	6,400	3,600	6,300	3,200	60.0	34.0	378,000	108,800
Hubbard	1,600	2,400	1,500	2,300	47.0	40.0	70,500	92,000
Koochiching	1,400	--	1,300	--	46.0	--	59,800	--
Lake of the Woods	17,000	12,400	16,700	11,500	50.0	41.0	835,000	471,500
Combined Counties	500	2,000	500	1,900	47.0	45.1	23,500	85,600
North Central	26,900	20,400	26,300	18,900	52.0	40.1	1,366,800	757,900
Combined Counties	100	100	100	100	32.0	33.0	3,200	3,300
Northeast	100	100	100	100	32.0	33.0	3,200	3,300
Big Stone	35,700	31,100	33,000	30,300	58.0	58.0	1,914,000	1,757,400
Chippewa	2,700	3,500	2,600	3,400	57.0	60.0	148,200	204,000
Douglas	17,200	15,100	16,800	14,700	54.0	55.0	907,200	808,500
Grant	42,100	36,000	41,200	35,000	56.0	61.0	2,307,200	2,135,000
Lac Qui Parle	14,400	14,000	14,100	13,600	56.0	63.0	789,600	856,800
Otter Tail	61,200	56,400	59,600	54,800	54.0	54.0	3,218,400	2,959,200
Pope	9,900	10,200	9,700	9,900	49.0	50.0	475,300	495,000
Stevens	21,000	19,800	20,500	18,700	58.0	57.0	1,189,000	1,065,900
Swift	8,300	10,800	8,100	10,500	55.0	65.0	445,500	682,500
Traverse	41,700	38,200	40,600	37,200	58.0	62.0	2,354,800	2,306,400
Wilkin	141,100	132,900	134,100	128,800	57.0	57.0	7,643,700	7,341,600
Yellow Medicine	14,300	13,600	14,000	13,200	58.0	60.0	812,000	792,000
West Central	409,600	381,600	394,300	370,100	56.3	57.8	22,204,900	21,404,300
Carver	1,500	1,100	1,400	1,000	49.0	56.0	68,600	56,000
Kandiyohi	4,900	5,500	4,800	5,300	50.0	60.0	240,000	318,000
McLeod	3,200	3,500	3,100	3,400	56.0	53.0	173,600	180,200
Meeker	3,500	4,000	3,400	3,900	50.0	51.0	170,000	198,900
Renville	5,700	6,200	5,500	6,000	59.0	56.0	324,500	336,000
Sibley	2,600	2,400	2,500	2,300	50.0	52.0	125,000	119,600
Stearns	4,300	6,900	4,200	6,700	52.0	51.0	218,400	341,700
Todd	4,000	4,300	3,900	4,200	41.0	54.0	159,900	226,800
Wright	2,900	4,400	2,800	4,300	40.0	51.0	112,000	219,300
Combined Counties	2,500	3,100	2,500	3,000	39.1	47.5	97,800	142,500
Central	35,100	41,400	34,100	40,100	49.6	53.3	1,689,800	2,139,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**SPRING WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Kanabec	1,200	--	1,100	--	50.0	--	55,000	--
Combined Counties	2,600	7,600	2,500	7,200	39.9	42.5	99,800	306,100
East Central	3,800	7,600	3,600	7,200	43.0	42.5	154,800	306,100
Cottonwood	1,500	1,600	1,400	1,500	61.0	48.0	85,400	72,000
Lincoln	11,900	11,200	11,800	10,900	64.0	60.0	755,200	654,000
Lyon	3,700	4,200	3,600	4,100	62.0	58.0	223,200	237,800
Murray	1,000	--	900	--	55.0	--	49,500	--
Pipestone	--	1,100	--	1,000	--	52.0	--	52,000
Redwood	2,900	3,400	2,800	3,300	59.0	47.0	165,200	155,100
Combined Counties	2,400	2,300	2,400	2,300	60.4	50.0	144,900	115,000
Southwest	23,400	23,800	22,900	23,100	62.2	55.7	1,423,400	1,285,900
Brown	2,000	2,700	1,900	2,600	52.0	54.0	98,800	140,400
Le Sueur	1,600	1,100	1,500	900	51.0	54.0	76,500	48,600
Nicollet	1,200	1,100	1,100	1,000	52.0	48.0	57,200	48,000
Combined Counties	3,900	4,600	3,900	4,500	53.3	46.9	208,000	210,900
South Central	8,700	9,500	8,400	9,000	52.4	49.8	440,500	447,900
Dakota	--	1,400	--	1,300	--	44.0	--	57,200
Combined Counties	3,600	3,200	3,400	3,100	48.0	35.6	163,200	110,400
Southeast	3,600	4,600	3,400	4,400	48.0	38.1	163,200	167,600
Minnesota	1,850,000	1,700,000	1,800,000	1,610,000	58.0	55.0	104,400,000	88,550,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**CANOLA: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Pounds ---		----- Pounds -----	
Kittson	2,400	2,100	2,400	2,100	1,800	1,760	4,320,000	3,696,000
Marshall	11,400	9,300	10,800	9,200	1,930	1,400	20,844,000	12,880,000
Pennington	1,500	1,500	1,500	1,400	1,900	1,730	2,850,000	2,422,000
Roseau	29,400	16,500	29,200	13,800	1,700	1,450	49,640,000	20,010,000
Combined Counties	1,500	1,600	1,500	1,600	1,851	1,636	2,777,000	2,617,000
Northwest	46,200	31,000	45,400	28,100	1,772	1,481	80,431,000	41,625,000
Lake of the Woods	5,900	2,700	5,800	2,600	2,030	1,750	11,774,000	4,550,000
Combined Counties	4,400	800	4,300	800	2,014	1,331	8,660,000	1,065,000
North Central	10,300	3,500	10,100	3,400	2,023	1,651	20,434,000	5,615,000
Combined Districts	500	500	500	500	2,110	1,520	1,055,000	760,000
Minnesota	57,000	35,000	56,000	32,000	1,820	1,500	101,920,000	48,000,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**OATS: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and Data 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Becker	6,800	6,700	5,100	4,100	63.0	52.0	321,300	213,200
Clay	2,400	2,100	2,100	1,400	74.0	69.0	155,400	96,600
Clearwater	5,700	6,000	4,100	2,500	73.0	59.0	299,300	147,500
Kittson	7,400	5,100	7,000	1,600	78.0	62.0	546,000	99,200
Mahnomen	3,000	2,300	2,200	1,000	81.0	83.0	178,200	83,000
Marshall	6,800	3,500	6,600	2,200	77.0	52.0	508,200	114,400
Norman	2,000	1,400	1,900	1,000	79.0	75.0	150,100	75,000
Pennington	5,000	2,200	4,800	1,800	69.0	51.0	331,200	91,800
Polk	4,700	3,800	4,200	1,900	73.0	68.0	306,600	129,200
Red Lake	2,400	1,600	1,900	1,000	78.0	75.0	148,200	75,000
Roseau	13,500	5,800	13,100	1,200	89.0	45.0	1,165,900	54,000
Northwest	59,700	40,500	53,000	19,700	77.6	59.8	4,110,400	1,178,900
Beltrami	10,100	7,200	5,600	4,200	69.0	57.0	386,400	239,400
Cass	2,400	3,400	400	900	49.0	49.0	19,600	44,100
Hubbard	4,600	3,300	1,900	1,100	51.0	45.0	96,900	49,500
Itasca	1,500	1,700	700	1,100	63.0	64.0	44,100	70,400
Koochiching	2,300	--	1,400	--	63.0	--	88,200	--
Lake of the Woods	3,100	--	2,500	--	65.0	--	162,500	--
Combined Counties	--	1,900	--	1,000	--	36.0	--	36,000
North Central	24,000	17,500	12,500	8,300	63.8	52.9	797,700	439,400
St. Louis	2,800	3,400	1,700	1,900	54.0	57.0	91,800	108,300
Northeast	2,800	3,400	1,700	1,900	54.0	57.0	91,800	108,300
Chippewa	1,700	--	1,500	--	88.0	--	132,000	--
Douglas	5,700	5,600	4,100	4,500	74.0	81.0	303,400	364,500
Lac Qui Parle	1,400	1,200	900	700	81.0	61.0	72,900	42,700
Otter Tail	23,800	22,900	20,900	15,800	63.0	58.0	1,316,700	916,400
Pope	4,800	4,300	4,100	2,500	71.0	69.0	291,100	172,500
Swift	2,800	1,700	2,600	1,300	78.0	85.0	202,800	110,500
Yellow Medicine	1,600	1,200	1,200	700	86.0	69.0	103,200	48,300
Combined Counties	2,600	2,700	2,300	1,800	72.6	76.9	166,900	138,500
West Central	44,400	39,600	37,600	27,300	68.9	65.7	2,589,000	1,793,400
Benton	7,300	5,300	3,500	3,900	50.0	66.0	175,000	257,400
Carver	2,800	3,200	1,800	2,200	74.0	80.0	133,200	176,000
Kandiyohi	6,100	4,200	2,600	2,800	77.0	77.0	200,200	215,600
McLeod	2,500	2,300	2,100	1,600	71.0	69.0	149,100	110,400
Meeker	3,600	3,300	3,100	2,600	79.0	75.0	244,900	195,000
Morrison	9,800	10,200	8,800	6,400	52.0	67.0	457,600	428,800
Renville	1,600	1,800	1,000	800	85.0	74.0	85,000	59,200
Scott	2,500	2,400	2,200	1,300	67.0	79.0	147,400	102,700
Sherburne	1,500	1,100	500	500	50.0	65.0	25,000	32,500
Sibley	1,800	1,700	1,400	1,100	76.0	80.0	106,400	88,000
Stearns	26,900	24,400	23,600	20,100	69.0	85.0	1,628,400	1,708,500
Todd	14,700	16,600	9,800	10,200	56.0	73.0	548,800	744,600
Wadena	5,900	6,400	4,400	4,600	59.0	65.0	259,600	299,000
Wright	5,300	4,500	3,200	2,800	73.0	79.0	233,600	221,200
Central	92,300	87,400	68,000	60,900	64.6	76.2	4,394,200	4,638,900

1/ County data published in combined counties of districts to avoid disclosure of individual operations.

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**OATS: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04 (continued)**

County and Data 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Aitkin	1,200	1,100	400	700	47.0	37.0	18,800	25,900
Chisago	1,400	1,900	500	800	42.0	63.0	21,000	50,400
Crow Wing	3,300	3,800	1,700	2,100	51.0	52.0	86,700	109,200
Hennepin	1,100	1,200	700	700	55.0	65.0	38,500	45,500
Isanti	1,000	1,400	700	1,000	48.0	62.0	33,600	62,000
Kanabec	2,300	2,200	1,400	1,500	58.0	63.0	81,200	94,500
Mille Lacs	2,900	3,000	1,000	1,900	49.0	71.0	49,000	134,900
Pine	4,300	4,900	1,800	3,000	48.0	51.0	86,400	153,000
Washington	1,400	1,300	1,100	900	50.0	55.0	55,000	49,500
Combined Counties	1,000	1,200	500	600	55.4	45.8	27,700	27,500
East Central	19,900	22,000	9,800	13,200	50.8	57.0	497,900	752,400
Cottonwood	1,400	1,000	1,300	800	73.0	64.0	94,900	51,200
Jackson	1,000	1,000	900	700	69.0	81.0	62,100	56,700
Lincoln	3,100	2,000	2,800	1,300	89.0	90.0	249,200	117,000
Lyon	1,900	1,600	1,800	1,100	87.0	79.0	156,600	86,900
Murray	4,900	3,100	4,700	2,300	91.0	83.0	427,700	190,900
Nobles	2,900	1,900	2,600	1,200	92.0	90.0	239,200	108,000
Pipestone	3,900	2,900	2,700	1,800	87.0	70.0	234,900	126,000
Redwood	1,500	1,200	1,300	800	85.0	80.0	110,500	64,000
Rock	2,500	1,900	2,100	1,400	92.0	96.0	193,200	134,400
Southwest	23,100	16,600	20,200	11,400	87.5	82.0	1,768,300	935,100
Blue Earth	1,000	1,300	700	800	68.0	79.0	47,600	63,200
Brown	3,000	2,700	2,900	2,000	77.0	94.0	223,300	188,000
Faribault	1,000	--	900	--	81.0	--	72,900	--
Freeborn	1,500	1,400	1,300	1,200	69.0	71.0	89,700	85,200
Le Sueur	1,300	1,000	1,000	600	80.0	65.0	80,000	39,000
Martin	1,300	1,100	1,200	1,000	79.0	87.0	94,800	87,000
Nicollet	1,900	1,500	1,700	1,000	84.0	70.0	142,800	70,000
Rice	3,000	3,100	2,300	2,500	73.0	69.0	167,900	172,500
Steele	1,800	2,000	1,700	1,300	79.0	64.0	134,300	83,200
Combined Counties	1,400	2,300	900	1,700	74.0	80.2	66,600	136,300
South Central	17,200	16,400	14,600	12,100	76.7	76.4	1,119,900	924,400
Dakota	2,200	2,000	2,000	1,000	67.0	59.0	134,000	59,000
Dodge	3,100	2,800	2,000	1,200	80.0	70.0	160,000	84,000
Fillmore	11,100	11,900	9,000	6,400	80.0	73.0	720,000	467,200
Goodhue	9,400	9,800	6,600	4,500	66.0	76.0	435,600	342,000
Houston	8,500	9,400	5,000	4,800	68.0	65.0	340,000	312,000
Mower	2,800	2,600	2,300	1,800	69.0	78.0	158,700	140,400
Olmsted	6,600	6,600	4,900	4,500	67.0	67.0	328,300	301,500
Wabasha	10,900	9,900	9,500	5,900	74.0	79.0	703,000	466,100
Winona	12,000	11,600	6,300	5,100	74.0	70.0	466,200	357,000
Southeast	66,600	66,600	47,600	35,200	72.4	71.9	3,445,800	2,529,200
Minnesota	350,000	310,000	265,000	190,000	71.0	70.0	18,815,000	13,300,000

1/ County data published in combined counties of districts to avoid disclosure of individual operations.

**ALL HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Becker	45,400	41,700	2.3	2.3	106,300	94,800
Clay	27,900	26,100	2.9	2.7	81,400	70,000
Clearwater	49,600	45,300	2.0	1.9	98,700	86,200
Kittson	27,900	25,800	2.5	1.9	69,900	49,600
Mahnomen	18,800	17,600	2.3	2.6	43,000	45,900
Marshall	33,300	34,600	2.0	2.7	66,700	93,900
Norman	14,000	13,700	2.7	2.8	37,400	38,900
Pennington	28,600	29,500	2.6	2.8	73,200	83,800
Polk	36,200	34,400	2.3	2.2	83,800	76,000
Red Lake	15,900	15,500	2.8	2.8	44,300	43,400
Roseau	54,600	52,700	2.2	2.3	121,800	119,700
Northwest	352,200	336,900	2.3	2.4	826,500	802,200
Beltrami	53,500	56,400	1.8	2.0	98,400	113,100
Cass	54,500	51,000	1.2	1.4	66,400	70,800
Hubbard	24,400	22,100	1.4	1.3	34,600	28,600
Itasca	32,900	30,500	1.4	1.5	46,900	45,500
Koochiching	20,900	19,500	1.4	1.8	29,100	34,600
Lake of the Woods	14,500	14,300	1.5	1.4	21,700	20,000
North Central	200,700	193,800	1.5	1.6	297,100	312,600
St. Louis	61,100	61,600	1.3	1.7	81,200	104,000
Combined Counties	2,000	1,700	1.3	1.7	2,600	2,900
Northeast	63,100	63,300	1.3	1.7	83,800	106,900
Big Stone	6,300	6,000	2.3	3.1	14,800	18,800
Chippewa	5,500	5,500	2.5	3.2	13,800	17,600
Douglas	25,500	23,800	2.6	3.2	65,900	76,100
Grant	6,400	5,900	2.8	3.8	18,100	22,700
Lac Qui Parle	15,200	14,100	2.6	2.9	39,200	40,900
Otter Tail	109,100	110,600	2.9	2.8	315,200	308,200
Pope	23,100	24,100	3.4	3.8	78,000	91,300
Swift	10,300	10,400	3.4	3.4	34,800	35,400
Wilkin	7,200	6,500	2.6	2.3	18,400	15,100
Yellow Medicine	11,700	12,200	3.3	3.2	38,100	39,600
Combined Counties	14,600	14,600	3.1	3.8	45,900	55,500
West Central	234,900	233,700	2.9	3.1	682,200	721,200
Benton	25,300	25,400	2.3	3.2	57,900	82,300
Carver	21,500	20,500	3.1	4.3	66,800	87,300
Kandiyohi	21,100	19,800	3.4	3.7	72,400	72,700
McLeod	14,200	13,100	3.7	4.0	52,300	52,100
Meeker	15,300	14,200	3.1	4.2	48,100	59,600
Morrison	78,400	73,100	2.3	2.9	182,500	210,100
Renville	7,600	7,700	4.0	4.1	30,700	31,200
Scott	16,500	15,000	2.5	3.5	40,900	53,000
Sherburne	9,800	8,800	1.7	2.6	16,400	22,500
Sibley	10,800	11,000	3.8	4.3	40,800	47,400
Stearns	107,400	103,300	3.1	3.9	334,000	399,600
Todd	65,900	63,200	2.3	3.0	152,300	188,300
Wadena	32,100	29,900	1.6	2.2	52,600	64,600
Wright	29,300	27,600	3.0	4.0	88,200	109,200
Central	455,200	432,600	2.7	3.4	1,235,900	1,479,900

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**ALL HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Aitkin	52,000	48,400	1.3	1.7	65,600	83,700
Carlton	37,400	34,900	1.5	1.8	54,300	62,400
Chisago	14,600	15,000	2.3	2.4	33,100	36,200
Crow Wing	34,600	31,200	1.3	1.4	45,700	44,400
Hennepin	9,600	9,000	1.8	2.5	16,900	22,900
Isanti	16,000	16,600	1.8	2.5	28,100	42,000
Kanabec	35,700	33,400	2.0	2.8	69,700	94,600
Mille Lacs	30,800	30,400	2.1	2.8	65,800	84,500
Pine	60,200	56,400	1.8	2.7	108,300	152,300
Washington	15,800	15,200	2.2	2.9	34,200	44,000
Combined Counties	9,200	8,500	1.9	2.0	17,500	17,200
East Central	315,900	299,000	1.7	2.3	539,200	684,200
Cottonwood	7,200	6,400	3.1	4.0	22,400	25,500
Jackson	6,000	6,100	3.3	3.2	19,600	19,300
Lincoln	17,300	16,500	3.4	3.3	58,400	53,900
Lyon	11,300	11,600	3.9	4.3	44,000	50,300
Murray	14,500	14,400	3.7	3.9	53,700	55,700
Nobles	13,400	12,500	3.3	3.5	44,800	43,700
Pipestone	13,900	13,900	3.4	3.3	47,400	45,500
Redwood	8,900	8,500	3.5	4.2	31,100	35,900
Rock	12,600	12,700	3.2	3.7	40,200	47,200
Southwest	105,100	102,600	3.4	3.7	361,600	377,000
Blue Earth	7,300	7,100	2.8	3.4	20,500	24,300
Brown	10,600	10,700	3.2	4.6	34,400	48,800
Freeborn	8,200	8,300	3.3	3.5	27,200	29,300
Le Sueur	8,400	7,800	3.4	3.6	28,500	27,800
Rice	14,600	13,200	3.2	3.6	46,300	47,700
Steele	9,600	8,800	3.3	4.3	32,000	37,500
Waseca	5,900	5,900	3.1	3.8	18,200	22,400
Combined Counties	16,500	15,100	3.7	4.1	60,300	61,500
South Central	81,100	76,900	3.3	3.9	267,400	299,300
Dakota	12,400	12,300	3.0	3.5	36,600	42,600
Dodge	8,000	8,400	3.2	4.8	25,600	40,000
Fillmore	53,000	50,500	3.6	4.2	191,100	210,400
Goodhue	35,500	33,100	3.2	4.3	113,000	142,000
Houston	35,600	36,300	3.8	4.1	135,200	148,500
Mower	12,000	12,400	2.9	3.8	34,700	47,500
Olmsted	27,500	24,900	3.4	4.3	93,800	108,300
Wabasha	38,200	36,200	3.6	4.1	136,100	149,900
Winona	44,600	47,100	4.2	4.7	185,200	222,500
Southeast	266,800	261,200	3.6	4.3	951,300	1,111,700
Minnesota	2,075,000	2,000,000	2.5	2.9	5,245,000	5,895,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**ALFALFA HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Becker	33,600	29,300	2.6	2.6	87,400	76,200
Clay	21,200	19,300	3.3	3.1	70,000	59,800
Clearwater	34,800	31,800	2.2	2.2	76,500	70,000
Kittson	19,500	18,200	2.9	2.1	56,500	38,200
Mahnomen	15,800	14,800	2.4	2.8	37,900	41,400
Marshall	26,800	28,100	2.1	2.9	56,300	81,500
Norman	11,900	11,700	2.9	3.1	34,500	36,300
Pennington	22,400	23,600	2.8	3.1	62,700	73,200
Polk	27,800	26,700	2.5	2.5	69,500	66,800
Red Lake	13,100	12,900	3.0	3.0	39,300	38,700
Roseau	38,200	37,700	2.5	2.5	95,500	94,200
Northwest	265,100	254,100	2.6	2.7	686,100	676,300
Beltrami	32,000	34,400	2.0	2.2	64,000	75,700
Cass	10,000	9,000	1.3	1.8	13,000	16,200
Hubbard	8,900	8,500	1.8	1.6	16,000	13,600
Itasca	8,000	7,000	1.5	1.8	12,000	12,600
Koochiching	10,000	9,000	1.6	2.1	16,000	18,900
Lake of the Woods	7,100	7,200	1.7	1.5	12,100	10,800
North Central	76,000	75,100	1.8	2.0	133,100	147,800
St Louis	8,900	9,000	2.1	2.2	18,600	19,800
Combined Counties	400	400	2.0	2.3	800	900
Northeast	9,300	9,400	2.1	2.2	19,400	20,700
Big Stone	4,200	4,100	2.8	3.8	11,800	15,600
Chippewa	3,800	3,700	2.8	3.9	10,600	14,400
Douglas	21,300	19,800	2.7	3.4	57,500	67,300
Grant	5,300	4,800	3.0	4.1	15,900	19,700
Lac Qui Parle	10,500	9,800	3.1	3.3	32,600	32,300
Otter Tail	86,500	90,200	3.2	3.1	276,800	279,600
Pope	19,200	20,500	3.7	4.1	71,000	84,100
Stevens	7,000	7,200	3.2	4.2	22,400	30,200
Swift	8,200	8,200	3.8	3.8	31,200	31,200
Traverse	5,900	5,700	3.5	4.0	20,700	22,800
Wilkin	5,800	5,200	2.8	2.6	16,200	13,500
Yellow Medicine	9,200	9,700	3.6	3.6	33,100	34,900
West Central	186,900	188,900	3.2	3.4	599,800	645,600
Benton	16,500	17,500	2.5	3.8	41,200	66,500
Carver	17,400	16,800	3.3	4.6	57,400	77,300
Kandiyohi	17,800	16,800	3.7	3.9	65,800	65,500
McLeod	10,700	10,000	4.3	4.4	46,000	44,000
Meeker	12,700	11,800	3.4	4.6	43,200	54,300
Morrison	42,800	41,100	2.6	3.4	111,300	139,700
Renville	6,600	6,700	4.4	4.3	29,000	28,800
Scott	12,700	11,600	2.8	3.9	35,600	45,200
Sherburne	7,300	6,600	1.7	2.8	12,400	18,500
Sibley	8,200	8,300	4.3	4.9	35,300	40,700
Stearns	86,900	84,900	3.3	4.1	286,800	348,100
Todd	44,700	44,200	2.6	3.4	116,200	150,300
Wadena	15,600	15,200	2.1	2.8	32,800	42,500
Wright	24,700	23,300	3.2	4.3	79,000	100,200
Central	324,600	314,800	3.1	3.9	992,000	1,221,600

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

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**ALFALFA HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2003-04 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Tons -----		----- Tons -----	
Aitkin	8,200	9,000	1.6	2.3	13,100	20,700
Carlton	11,200	11,300	1.8	2.6	20,200	29,400
Chisago	10,700	11,500	2.4	2.6	25,700	29,900
Crow Wing	10,500	9,500	1.6	1.7	16,800	16,200
Hennepin	7,900	7,500	1.8	2.6	14,200	19,500
Isanti	12,500	13,500	1.8	2.7	22,500	36,400
Kanabec	13,800	13,700	2.2	3.6	30,300	49,300
Mille Lacs	12,200	13,200	2.8	3.4	34,200	44,900
Pine	19,900	20,100	2.2	3.6	43,800	72,400
Washington	12,700	12,400	2.3	3.1	29,200	38,400
Combined Counties	6,900	6,400	2.0	2.1	13,800	13,400
East Central	126,500	128,100	2.1	2.9	263,800	370,500
Cottonwood	5,800	5,100	3.4	4.5	19,700	23,000
Jackson	4,200	4,500	3.8	3.7	16,000	16,700
Lincoln	14,700	14,100	3.6	3.4	52,900	47,900
Lyon	10,200	10,600	4.1	4.5	41,800	47,700
Murray	12,100	12,300	4.0	4.2	48,400	51,700
Nobles	9,500	8,900	3.9	4.1	37,000	36,500
Pipestone	10,700	10,900	3.8	3.6	40,700	39,200
Redwood	7,800	7,500	3.7	4.5	28,900	33,700
Rock	8,100	8,400	3.8	4.5	30,800	37,800
Southwest	83,100	82,300	3.8	4.1	316,200	334,200
Blue Earth	3,700	3,900	3.4	4.1	12,600	16,000
Brown	9,100	9,300	3.4	4.9	30,900	45,600
Faribault	2,500	2,300	4.2	4.2	10,500	9,700
Freeborn	6,900	7,000	3.5	3.8	24,200	26,600
Le Sueur	6,500	5,800	3.7	4.0	24,100	23,200
Martin	3,400	2,700	4.1	4.3	13,900	11,600
Nicollet	5,400	5,100	4.1	4.8	22,100	24,500
Rice	12,500	11,200	3.3	3.8	41,300	42,500
Steele	8,400	7,600	3.5	4.6	29,400	34,900
Waseca	4,800	4,800	3.3	4.1	15,800	19,700
Watonwan	1,800	1,800	3.5	4.7	6,300	8,500
South Central	65,000	61,500	3.6	4.3	231,100	262,800
Dakota	10,100	10,200	3.1	3.8	31,300	38,800
Dodge	6,800	7,400	3.4	5.0	23,100	37,000
Fillmore	48,800	46,800	3.7	4.3	180,600	201,200
Goodhue	32,100	30,200	3.3	4.5	105,900	135,900
Houston	32,800	33,800	3.9	4.2	127,900	142,000
Mower	9,900	10,500	3.0	4.0	29,700	42,000
Olmsted	24,700	22,100	3.5	4.6	86,500	101,600
Wabasha	34,200	32,600	3.7	4.3	126,500	140,200
Winona	39,100	42,200	4.4	4.9	172,000	206,800
Southeast	238,500	235,800	3.7	4.4	883,500	1,045,500
Minnesota	1,375,000	1,350,000	3.0	3.5	4,125,000	4,725,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**BARLEY: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Clay	7,000	4,300	6,800	4,200	69.0	76.0	469,200	319,200
Kittson	8,600	5,700	8,300	5,200	82.0	79.0	680,600	410,800
Mahnomen	4,900	1,500	4,700	1,400	71.0	74.0	333,700	103,600
Marshall	41,600	31,100	39,900	28,500	81.2	66.0	3,240,000	1,881,000
Norman	11,100	4,700	10,300	4,500	72.7	77.0	748,800	346,500
Pennington	9,600	7,000	9,300	6,800	76.0	61.0	706,800	414,800
Polk	19,500	12,100	18,700	11,700	77.4	72.0	1,447,600	842,400
Red Lake	3,600	1,900	3,500	1,800	81.0	70.0	283,500	126,000
Roseau	30,400	14,200	29,300	10,400	82.3	48.0	2,410,800	499,200
Combined Counties	1,900	1,500	1,600	1,300	63.3	72.2	101,300	93,800
Northwest	138,200	84,000	132,400	75,800	78.7	66.5	10,422,300	5,037,300
Beltrami	1,000	1,000	900	900	58.0	44.0	52,200	39,600
Lake of the Woods	2,000	--	1,800	--	72.0	--	129,600	--
Combined Counties	500	1,400	400	1,200	62.0	46.9	24,800	56,300
North Central	3,500	2,400	3,100	2,100	66.6	45.7	206,600	95,900
Combined Counties	100	200	100	100	60.0	49.0	6,000	4,900
Northeast	100	200	100	100	60.0	49.0	6,000	4,900
Douglas	1,700	1,600	1,500	1,500	61.6	71.0	92,400	106,500
Grant	2,100	2,100	1,900	2,000	66.3	77.0	126,000	154,000
Otter Tail	4,600	3,000	3,900	2,900	58.4	64.0	227,800	185,600
Traverse	2,700	--	2,500	--	70.0	--	175,000	--
Wilkin	3,900	--	3,400	--	70.0	--	238,000	--
Combined Counties	1,900	5,100	1,500	4,800	55.5	73.9	83,300	354,700
West Central	16,900	11,800	14,700	11,200	64.1	71.5	942,500	800,800
Benton	1,200	1,100	1,100	800	34.0	62.0	37,400	49,600
Morrison	1,800	1,700	1,000	1,300	42.0	76.0	42,000	98,800
Stearns	6,400	5,800	4,600	5,100	61.0	81.0	280,600	413,100
Todd	2,100	1,900	1,100	1,800	45.0	76.0	49,500	136,800
Wadena	1,300	--	1,000	--	56.1	--	56,100	--
Combined Counties	3,400	4,300	1,800	4,000	58.3	67.4	104,900	269,600
Central	16,200	14,800	10,600	13,000	53.8	74.5	570,500	967,900
Combined Counties	2,200	1,900	1,200	1,500	39.2	56.0	47,000	84,000
East Central	2,200	1,900	1,200	1,500	39.2	56.0	47,000	84,000
Pipestone	2,500	2,100	2,100	1,800	72.0	79.0	151,200	142,200
Combined Counties	1,700	1,700	1,200	1,300	76.2	75.8	91,400	98,600
Southwest	4,200	3,800	3,300	3,100	73.5	77.7	242,600	240,800
Combined Counties	1,500	1,500	900	1,100	69.3	73.0	62,400	80,300
South Central	1,500	1,500	900	1,100	69.3	73.0	62,400	80,300
Goodhue	1,400	1,500	700	900	64.0	71.0	44,800	63,900
Wabasha	1,800	2,600	700	1,800	68.0	83.0	47,600	149,400
Winona	1,300	--	400	--	68.0	--	27,200	--
Combined Counties	2,700	5,500	1,900	4,400	68.7	67.0	130,500	294,800
Southeast	7,200	9,600	3,700	7,100	67.6	71.6	250,100	508,100
Minnesota	190,000	130,000	170,000	115,000	75.0	68.0	12,750,000	7,820,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

BARLEY: Percent Seeded by Selected Variety, Minnesota, 2000-2004

Variety	Percent of State Total					2004 Acres Planted
	2000	2001	2002	2003	2004	
Conlon	1/	1/	1/	2.0	1/	1/
Excel	1.7	1/	1.8	2.2	1.2	1,600
Lacey	1/	9.6	29.1	32.3	37.8	49,100
Legacy	1/	1/	2.1	1.3	1.4	1,800
Robust	77.9	74.4	56.7	57.3	52.8	68,600
Royal	2.1	2.0	2.8	1.5	2.7	3,500
Stander	11.9	7.4	3.2	1.5	1/	1/
Other	6.4	6.6	4.3	1.9	4.2	5,400
Total	100.0	100.0	100.0	100.0	100.0	130,000

1/ Less than one percent, included in Other varieties.

Note: Percents may not add to 100 due to rounding.

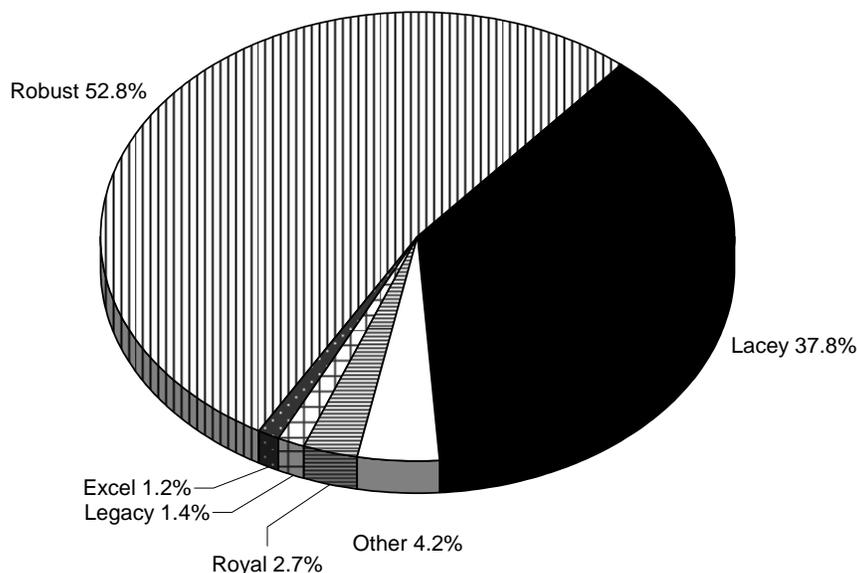


BARLEY: Acreage Seeded, by District and Variety, Minnesota, 2004

Variety	Northwest	West Central	Central	Southeast	Other Districts	State
	Acres					
Excel	1,200	1/	300	100	1/	1,600
Lacey	37,500	4,100	3,400	800	3,300	49,100
Legacy	1,500	200	100	1/	1/	1,800
Robust	42,700	6,900	9,500	5,100	4,400	68,600
Royal	1/	100	700	2,200	500	3,500
Other	1,100	500	800	1,400	1,600	5,400
Total	84,000	11,800	14,800	9,600	9,800	130,000

1/ Varieties with less than 0.5 percent of district total are included in Other.

BARLEY: PERCENT OF TOTAL SEEDED, MINNESOTA, 2004



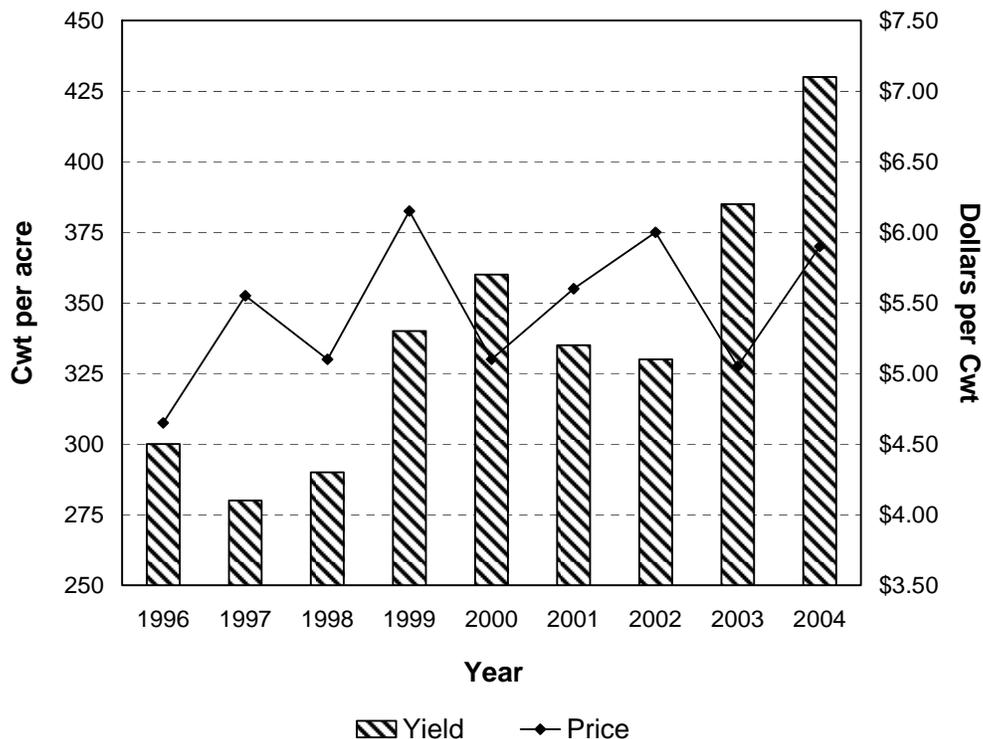
Note: "Other" includes varieties with less than one percent of the State's 2004 barley acreage.

POTATOES: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Tons ---		----- Tons -----	
Clay	3,200	2,800	3,100	2,600	225	265	697,500	689,000
Kittson	1,700	--	1,600	--	165	--	264,000	--
Marshall	2,400	--	2,200	--	160	--	352,000	--
Polk	6,900	4,700	6,600	4,500	225	200	1,485,000	900,000
Red Lake	1,000	--	1,000	--	230	--	230,000	--
Combined Counties	4,300	6,000	4,200	5,500	480	347	2,017,000	1,908,000
Northwest	19,500	13,500	18,700	12,600	270	278	5,045,500	3,497,000
Benton	2,100	--	1,900	--	430	--	817,000	--
Morrison	2,900	2,500	2,700	2,400	365	465	985,500	1,116,000
Sherburne	7,600	5,900	7,400	5,800	365	380	2,701,000	2,204,000
Todd	2,000	1,900	1,900	1,900	395	465	750,500	883,500
Combined Counties	4,700	7,100	4,600	6,800	486	541	2,235,500	3,682,000
Central	19,300	17,400	18,500	16,900	405	467	7,489,500	7,885,500
Freeborn	2,200	1,600	2,200	300	320	325	704,000	97,500
Combined Counties	200	200	200	200	310	275	62,000	55,000
South Central	2,400	1,800	2,400	500	319	305	766,000	152,500
Combined Districts	18,800	14,300	18,400	14,000	491	528	9,029,000	7,385,000
Minnesota	60,000	47,000	58,000	44,000	385	430	22,330,000	18,920,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

POTATOES: YIELDS AND PRICES, MINNESOTA, 1996-2004



**SUGARBEETS: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Tons ---		----- Tons -----	
Becker	10,300	9,700	10,200	9,600	20.5	20.3	209,000	194,400
Clay	55,000	54,700	54,500	53,900	19.4	19.7	1,057,500	1,059,500
Kittson	34,100	35,600	33,800	30,800	20.1	18.2	679,200	561,200
Mahnomen	4,400	5,000	4,300	4,900	19.7	18.6	84,800	91,200
Marshall	45,400	46,200	44,900	45,500	19.2	18.2	861,700	829,000
Norman	46,300	45,900	45,600	45,000	20.3	21.3	923,900	959,800
Polk	99,200	99,200	98,100	98,100	21.3	19.9	2,090,500	1,949,900
Red Lake	1,100	1,100	1,000	1,100	23.9	18.6	23,900	20,500
Combined Counties	100	100	100	100	23.0	22.0	2,300	2,200
Northwest	295,900	297,500	292,500	289,000	20.3	19.6	5,932,800	5,667,700
Chippewa	31,500	32,000	31,400	31,900	22.3	23.1	700,500	738,100
Grant	12,500	11,500	12,400	8,800	17.6	22.8	217,800	200,900
Otter Tail	4,100	4,200	4,100	4,000	20.0	21.9	82,100	87,500
Pope	3,200	2,300	3,200	2,300	22.0	21.1	70,400	48,600
Stevens	3,300	4,600	3,200	4,600	22.0	24.7	70,300	113,600
Swift	6,200	5,800	6,200	5,800	20.9	22.2	129,700	128,900
Traverse	10,800	7,800	10,500	6,300	18.5	22.0	194,200	138,600
Wilkin	48,100	44,300	47,500	43,200	20.6	24.0	980,500	1,038,600
Yellow Medicine	3,000	3,100	3,000	3,100	23.5	22.3	70,600	69,200
Combined Counties	1,100	1,000	1,100	1,000	17.2	22.2	18,900	22,200
West Central	123,800	116,600	122,600	111,000	20.7	23.3	2,535,000	2,586,200
Kandiyohi	15,500	15,900	15,200	15,900	22.3	22.6	338,500	359,200
McLeod	2,300	2,800	2,300	1,700	19.7	15.6	45,400	26,500
Meeker	2,200	2,100	2,200	2,100	21.4	19.6	47,000	41,100
Renville	40,400	40,300	40,300	39,900	21.7	23.0	874,500	916,100
Sibley	3,100	2,300	3,100	2,200	21.0	21.0	65,000	46,200
Stearns	2,500	2,700	2,500	2,700	20.8	20.3	52,100	54,900
Central	66,000	66,100	65,600	64,500	21.7	22.4	1,422,500	1,444,000
Redwood	5,100	4,600	5,100	4,400	22.8	22.9	116,200	100,600
Combined Counties	600	700	600	600	19.5	21.3	11,700	12,800
Southwest	5,700	5,300	5,700	5,000	22.4	22.7	127,900	113,400
Combined Districts	600	500	600	500	23.0	23.4	13,800	11,700
Minnesota	492,000	486,000	487,000	470,000	20.6	20.9	10,032,000	9,823,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



**DRY EDIBLE BEANS: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Pounds ---		----- Cwt -----	
Becker	1,000	--	900	--	1,600	--	14,400	--
Clay	2,500	2,900	2,400	2,600	1,800	1,550	43,200	40,300
Kittson	1,100	--	1,000	--	1,500	--	15,000	--
Mahnomen	2,000	2,500	1,900	2,100	1,700	750	32,300	15,750
Marshall	10,800	10,200	10,500	6,200	1,600	500	168,000	31,000
Norman	3,300	3,100	2,900	2,600	1,450	750	42,050	19,500
Polk	42,400	42,800	41,000	37,900	1,500	750	615,000	284,250
Red Lake	1,100	--	900	--	1,500	--	13,500	--
Combined Counties	400	2,500	400	1,900	1,500	716	6,000	13,600
Northwest	64,600	64,000	61,900	53,300	1,534	759	949,450	404,400
Hubbard	7,800	7,300	7,600	6,800	2,200	1,500	167,200	102,000
Combined Counties	700	700	700	600	1,679	1,025	11,750	6,150
North Central	8,500	8,000	8,300	7,400	2,156	1,461	178,950	108,150
Chippewa	2,000	2,700	1,900	2,400	2,300	1,400	43,700	33,600
Grant	1,500	--	1,400	--	1,650	--	23,100	--
Otter Tail	9,900	8,800	9,700	8,300	1,750	1,650	169,750	136,950
Pope	2,000	--	1,900	--	2,000	--	38,000	--
Stevens	2,200	1,600	1,900	1,500	2,100	2,000	39,900	30,000
Swift	2,100	2,700	2,000	2,600	1,800	1,600	36,000	41,600
Traverse	1,200	--	800	--	1,700	--	13,600	--
Combined Counties	2,400	6,700	2,200	6,000	1,648	1,658	36,250	99,500
West Central	23,300	22,500	21,800	20,800	1,836	1,643	400,300	341,650
Kandiyohi	3,300	2,600	3,200	2,100	1,950	1,450	62,400	30,450
Morrison	3,500	4,000	3,400	3,600	1,650	2,000	56,100	72,000
Renville	3,400	5,000	3,300	4,600	2,150	1,400	70,950	64,400
Sherburne	1,200	--	1,100	--	2,100	--	23,100	--
Stearns	1,300	--	1,200	--	1,800	--	21,600	--
Wadena	2,700	3,100	2,600	2,800	1,650	1,450	42,900	40,600
Combined Counties	2,200	4,600	2,200	4,300	1,911	1,592	42,050	68,450
Central	17,600	19,300	17,000	17,400	1,877	1,586	319,100	275,900
Combined Districts	1,000	1,200	1,000	1,100	2,220	1,809	22,200	19,900
Minnesota	115,000	115,000	110,000	100,000	1,700	1,150	1,870,000	1,150,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



**ALL SUNFLOWERS: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		--- Pounds ---		----- Pounds -----	
Clay	6,000	3,100	5,800	2,900	1,666	1,278	9,660,000	3,705,000
Kittson	10,300	7,900	10,100	6,300	1,671	800	16,875,000	5,040,000
Marshall	13,800	8,100	13,600	6,900	1,763	874	23,980,000	6,030,000
Norman	13,000	10,000	12,700	8,900	1,460	1,057	18,545,000	9,410,000
Pennington	3,700	4,900	3,500	4,300	1,796	691	6,285,000	2,970,000
Polk	7,500	5,700	7,300	5,200	1,705	928	12,450,000	4,825,000
Red Lake	2,000	3,400	1,900	2,900	1,684	731	3,200,000	2,120,000
Roseau	14,200	1,100	14,000	600	1,523	825	21,315,000	495,000
Combined Counties	1,700	1,000	1,700	1,000	1,579	1,665	2,685,000	1,665,000
Northwest	72,200	45,200	70,600	39,000	1,629	930	114,995,000	36,260,000
Combined Counties	1,300	--	1,300	--	1,204	--	1,565,000	--
North Central	1,300	--	1,300	--	1,204	--	1,565,000	--
Otter Tail	3,900	3,000	3,800	3,000	1,592	1,550	6,050,000	4,650,000
Traverse	1,700	--	1,700	--	1,035	--	1,760,000	--
Wilkin	6,500	6,400	6,300	6,200	1,838	1,473	11,580,000	9,135,000
Combined Counties	2,100	2,200	2,100	2,000	1,548	1,508	3,250,000	3,015,000
West Central	14,200	11,600	13,900	11,200	1,629	1,500	22,640,000	16,800,000
Combined Counties	2,000	2,200	1,900	2,100	1,200	1,400	2,280,000	2,940,000
Central	2,000	2,200	1,900	2,100	1,200	1,400	2,280,000	2,940,000
Combined Districts	300	1,000	300	700	1,067	857	320,000	600,000
Minnesota	90,000	60,000	88,000	53,000	1,611	1,068	141,800,000	56,600,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



OIL SUNFLOWERS: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		----- Pounds -----		----- Pounds -----	
Clay	4,900	--	4,800	--	1,700	--	8,160,000	--
Kittson	6,200	4,700	6,100	3,800	1,750	800	10,675,000	3,040,000
Marshall	10,100	4,600	10,000	4,000	1,750	1,000	17,500,000	4,000,000
Norman	5,200	4,200	5,100	4,100	1,550	1,300	7,905,000	5,330,000
Pennington	1,700	1,100	1,600	1,100	1,850	1,100	2,960,000	1,210,000
Polk	4,700	2,700	4,600	2,700	1,650	1,000	7,590,000	2,700,000
Roseau	7,000	--	6,900	--	1,700	--	11,730,000	--
Combined Counties	2,000	3,600	2,000	3,500	1,563	1,413	3,125,000	4,945,000
Northwest	41,800	20,900	41,100	19,200	1,695	1,105	69,645,000	21,225,000
Wilkin	3,800	1,900	3,700	1,900	1,900	1,300	7,030,000	2,470,000
Combined Counties	6,200	4,300	6,100	4,200	1,426	1,539	8,700,000	6,465,000
West Central	10,000	6,200	9,800	6,100	1,605	1,465	15,730,000	8,935,000
Combined Districts	3,200	2,900	3,100	2,700	1,202	1,274	3,725,000	3,440,000
Minnesota	55,000	30,000	54,000	28,000	1,650	1,200	89,100,000	33,600,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

FLAXSEED: Acreage, Yield, and Production, by County and District, Minnesota, 2003-04

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		----- Pounds -----		----- Pounds -----	
Roseau	3,700	--	3,300	--	24.0	--	79,200	--
Combined Counties	2,600	2,100	2,300	2,100	24.4	18.0	56,100	37,800
Northwest	6,300	2,100	5,600	2,100	24.2	18.0	135,300	37,800
Combined Counties	1,100	--	900	--	19.0	--	17,100	--
North Central	1,100	--	900	--	19.0	--	17,100	--
Combined Districts	600	900	500	900	17.2	14.7	8,600	13,200
Minnesota	8,000	3,000	7,000	3,000	23.0	17.0	161,000	51,000

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



**SWEET CORN FOR PROCESSING: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		---- Tons ----		----- Tons -----	
Pope	1,700	1,300	1,600	1,200	6.31	6.70	10,100	8,040
Combined Counties	400	700	400	700	5.50	8.00	2,200	5,600
West Central	2,100	2,000	2,000	1,900	6.15	7.18	12,300	13,640
Kandiyohi	3,300	3,700	3,200	3,700	6.31	6.40	20,200	23,680
McLeod	1,900	2,000	1,800	2,000	6.89	6.10	12,400	12,200
Meeker	1,200	1,300	1,100	1,300	7.09	6.30	7,800	8,190
Renville	29,400	34,300	29,300	34,200	6.90	6.70	202,200	229,140
Sherburne	--	2,200	--	2,200	--	8.10	--	17,820
Sibley	8,700	7,800	8,600	7,700	6.90	6.20	59,300	47,740
Combined Counties	2,400	1,000	2,300	1,000	6.61	6.96	15,200	6,960
Central	46,900	52,300	46,300	52,100	6.85	6.64	317,100	345,730
Redwood	6,900	7,000	6,800	6,800	7.29	7.10	49,600	48,280
Combined Counties	200	--	200	--	7.00	--	1,400	--
Southwest	7,100	7,000	7,000	6,800	7.29	7.10	51,000	48,280
Blue Earth	2,200	--	2,100	--	6.71	--	14,100	--
Brown	10,600	9,800	10,400	9,700	7.00	7.30	72,800	70,810
Faribault	6,100	5,400	6,000	5,300	7.30	6.20	43,800	32,860
Freeborn	9,500	6,900	9,400	5,800	7.70	6.30	72,400	36,540
Le Sueur	1,400	--	1,300	--	6.23	--	8,100	--
Martin	2,200	2,100	2,100	2,000	7.48	7.20	15,700	14,400
Nicollet	3,000	2,600	2,900	2,500	6.79	7.10	19,700	17,750
Steele	8,600	6,200	8,100	6,100	6.60	5.90	53,500	35,990
Waseca	6,500	5,000	6,400	4,900	6.91	7.20	44,200	35,280
Combined Counties	1,400	4,100	1,300	4,000	7.00	6.00	9,100	24,000
South Central	51,500	42,100	50,000	40,300	7.07	6.64	353,400	267,630
Dakota	3,200	3,400	3,100	3,400	6.81	5.50	21,100	18,700
Dodge	2,900	3,500	2,900	3,500	6.41	7.00	18,600	24,500
Fillmore	1,500	1,500	1,500	1,500	5.47	5.40	8,200	8,100
Goodhue	5,100	4,500	5,000	4,400	6.20	6.70	31,000	29,480
Mower	8,400	8,500	8,300	8,400	5.90	6.50	49,000	54,600
Olmsted	8,300	8,600	8,200	8,500	5.70	6.50	46,700	55,250
Wabasha	4,500	3,900	4,400	3,900	5.91	6.20	26,000	24,180
Combined Counties	500	500	500	500	6.20	6.40	3,100	3,200
Southeast	34,400	34,400	33,900	34,100	6.01	6.39	203,700	218,010
Combined Districts	200	200	200	200	6.50	6.50	1,300	1,300
Minnesota	142,200	138,000	139,400	135,400	6.73	6.61	938,800	894,590

1/ County data published in combined counties or districts to avoid disclosure of individual operations.

**GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production,
by County and District, Minnesota, 2003-04**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2003	2004	2003	2004	2003	2004	2003	2004
	----- Acres -----		----- Acres -----		----- Tons -----		----- Tons -----	
Combined Counties	1,500	1,400	1,400	1,300	1.93	2.10	2,700	2,730
West Central	1,500	1,400	1,400	1,300	1.93	2.10	2,700	2,730
Kandiyohi	2,800	2,200	2,700	2,100	1.81	1.10	4,900	2,310
McLeod	1,000	--	900	--	1.67	--	1,500	--
Meeke	3,100	1,600	2,900	1,500	1.31	1.00	3,800	1,500
Renville	19,100	16,100	18,000	14,400	1.80	1.20	32,310	17,280
Sibley	5,900	4,000	5,600	3,600	1.89	1.10	10,600	3,960
Combined Counties	1,100	1,200	1,000	900	2.00	1.57	2,000	1,410
Central	33,000	25,100	31,100	22,500	1.77	1.18	55,110	26,460
Redwood	3,200	3,500	3,100	3,400	2.81	2.10	8,700	7,140
Combined Counties	--	100	--	100	--	0.80	--	80
Southwest	3,200	3,600	3,100	3,500	2.81	2.06	8,700	7,220
Blue Earth	1,500	1,300	1,400	1,300	1.71	1.10	2,400	1,430
Brown	5,400	5,500	5,100	5,400	2.29	2.10	11,700	11,340
Faribault	3,300	2,100	2,700	2,100	1.52	1.40	4,100	2,940
Freeborn	2,600	1,800	2,400	1,700	1.58	1.00	3,800	1,700
Le Sueur	1,200	1,100	1,100	1,000	1.73	1.40	1,900	1,400
Martin	2,200	1,800	2,000	1,700	1.80	1.90	3,600	3,230
Nicollet	1,700	1,000	1,600	1,000	1.69	1.20	2,700	1,200
Steele	3,200	2,800	2,900	2,700	2.00	1.40	5,800	3,780
Waseca	2,500	2,400	2,100	2,300	1.90	0.80	4,000	1,840
Combined Counties	1,100	1,000	900	1,000	1.78	1.04	1,600	1,040
South Central	24,700	20,800	22,200	20,200	1.87	1.48	41,600	29,900
Dakota	7,000	4,000	6,500	3,900	1.71	1.20	11,100	4,680
Dodge	1,900	--	1,800	--	2.11	--	3,800	--
Goodhue	2,600	2,000	2,400	2,000	2.08	1.50	5,000	3,000
Mower	5,900	5,200	5,200	5,100	2.10	1.80	10,900	9,180
Olmsted	4,900	4,700	4,600	4,600	2.30	1.80	10,600	8,280
Wabasha	2,100	1,700	2,000	1,700	2.50	1.90	5,000	3,230
Winona	--	1,000	--	1,000	--	1.90	--	1,900
Combined Counties	1,900	2,200	1,500	2,200	2.40	1.14	3,600	2,500
Southeast	26,300	20,800	24,000	20,500	2.08	1.60	50,000	32,770
Minnesota	88,700	71,700	81,800	68,000	1.93	1.46	158,110	99,080

1/ County data published in combined counties or districts to avoid disclosure of individual operations.



GRAIN STOCKS: Specified Crops by Storage Position, Minnesota, 2001-2005

Year	On-Farm				All Storage Positions			
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
Corn								
1,000 Bushels								
2001	550,000	405,000	150,000	700,000	743,290	551,280	284,195	910,463
2002	500,000	330,000	80,000	730,000	671,287	441,022	167,487	958,213
2003	510,000	305,000	69,000	710,000	663,143	396,574	123,079	892,664
2004	500,000	280,000	75,000	790,000	662,234	386,444	120,532	1,033,897
2005	570,000				758,819			
Soybeans								
1,000 Bushels								
2001	140,000	64,000	15,500	165,000	191,005	95,907	34,900	245,247
2002	110,000	50,000	11,500	171,000	163,204	85,259	27,709	249,798
2003	115,000	45,000	7,300	91,000	158,431	73,625	19,578	165,924
2004	55,000	15,500	5,800	140,000	101,876	41,069	12,777	210,503
2005	105,000				148,814			
All Wheat								
1,000 Bushels								
2001	32,000	15,000	72,000	50,000	60,544	36,638	109,092	74,095
2002	31,000	12,000	53,000	35,000	58,370	30,255	88,539	62,972
2003	20,000	12,000	88,000	59,000	46,348	29,327	130,138	86,281
2004	33,000	15,000	86,000	58,000	63,197	33,503	110,271	81,787
2005	35,000				58,100			
Oats								
1,000 Bushels								
2001	9,000	5,000	10,500	7,800	26,572	17,231	20,738	25,140
2002	5,000	3,000	10,000	8,000	21,723	15,592	20,367	24,087
2003	5,100	3,300	12,000	9,700	19,242	13,247	25,974	28,030
2004	6,800	3,500	10,000	7,200	20,290	13,056	21,888	19,635
2005	5,300				15,354			
Barley								
1,000 Bushels								
2001	5,000	1,500	6,100	3,800	30,693	25,762	28,372	26,091
2002	2,300	1,400	5,400	3,600	22,118	16,158	18,515	15,929
2003	2,000	700	9,700	4,800	17,813	14,120	21,596	25,095
2004	2,500	1,800	7,600	4,500	26,631	29,987	29,002	27,485
2005	3,200				24,119			

Note: All estimates are for the first of the month.

ALL HAY STOCKS: On-Farm Storage Position, Minnesota, 2001-2005

Year	May	Dec
1,000 Tons		
2001	960	4,213
2002	680	4,183
2003	815	3,567
2004	575	4,127
2005	884	

Note: All estimates are for the first of the month.

**Corn: Percent Marketed by Month,
Minnesota, 2000-2004**

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
October	20	10	12	12
November	8	10	18	7
December	8	4	9	7
January	11	7	10	10
February	5	5	6	7
March	6	4	6	6
April	5	4	6	5
May	5	6	8	4
June	6	13	6	14
July	9	15	7	12
August	11	13	7	9
September	6	9	5	7

**Soybeans: Percent Marketed by Month,
Minnesota, 2000-2004**

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
September	12	3	7	13
October	19	20	18	27
November	7	7	11	7
December	8	9	10	9
January	13	12	12	11
February	6	6	9	8
March	6	8	7	7
April	5	4	7	4
May	7	5	6	4
June	6	9	5	3
July	6	10	5	5
August	5	7	3	2

**All Wheat: Percent Marketed by Month,
Minnesota, 2000-2004**

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
July	6	5	15	7
August	15	17	24	21
September	7	8	13	7
October	6	5	4	5
November	8	11	4	5
December	13	11	12	11
January	13	8	5	11
February	7	6	3	12
March	5	5	5	9
April	10	4	4	4
May	6	7	5	3
June	4	13	6	5

**Oats: Percent Marketed by Month,
Minnesota, 2000-2004**

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
July	22	12	18	24
August	30	30	50	30
September	6	5	5	8
October	4	5	2	2
November	3	4	2	3
December	2	9	2	3
January	6	6	4	5
February	3	6	3	4
March	6	4	3	5
April	6	9	5	3
May	9	5	4	7
June	3	5	2	6

**Barley: Percent Marketed by Month,
Minnesota, 2000-2004**

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
July	9	19	5	14
August	12	20	4	15
September	3	7	3	6
October	2	4	9	14
November	5	4	2	3
December	14	7	5	5
January	19	13	40	8
February	12	8	10	9
March	10	3	11	9
April	8	5	8	4
May	5	3	2	5
June	1	7	1	8

**Dry Edible Beans: Percent Marketed by
Month, Minnesota, 2000-2004**

Month	2000-01	2001-02	2002-03	2003-04
	Percent			
September	16	6	22	46
October	19	39	18	16
November	10	10	4	2
December	5	17	17	8
January	5	12	8	4
February	9	3	1	4
March	6	4	7	5
April	7	4	2	1
May	6	2	2	2
June	5	2	9	1
July	8	1	4	5
August	4	--	6	6

Note: Months are ordered according to crop marketings during the year.



CULTIVATED WILD RICE

Wild Rice is the only cereal grain native to the United States. In 1977, the State Legislature designated wild rice as Minnesota's official State Grain.

The cultivated crop is grown in the northern one-third of the state on an estimated 23,000 acres in the counties of Aitkin, Beltrami, Cass, Clearwater, Itasca, Koochiching, Polk, and St. Louis.

In 2004, cultivated wild rice production was 4.78 million processed pounds, up 13 percent from 2003.

Source: Minnesota Cultivated Wild Rice Council

MINNESOTA FERTILIZER USAGE

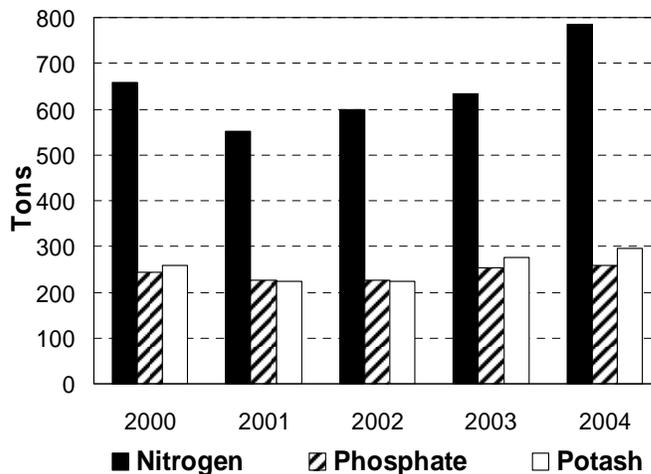
Minnesota fertilizer consumption totaled 2.7 million tons for the year ending June 30, 2004, an increase of 18 percent from the previous year.

Usage of the primary nutrients is shown on the chart; nitrogen increased 24 percent from 2003, phosphate (P_2O_5) usage increased 26 percent, and potash (K_2O) usage increased 16 percent.

Fertilizer consumption represents all commercial fertilizer sold or shipped for farm and non-farm use as fertilizer.

Source: The Association of American Plant Food Control Officials, University of Kentucky

MINNESOTA'S USAGE OF PRIMARY NUTRIENTS AS FERTILIZER

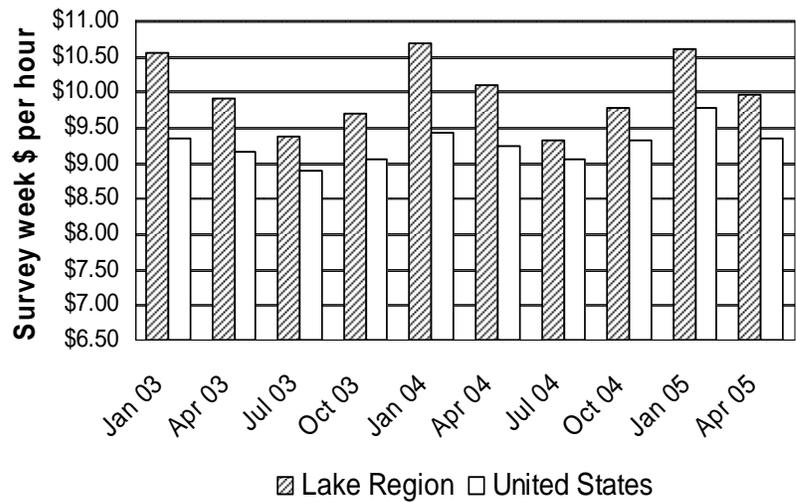


FARM LABOR

Regional and national data for hired workers, hours worked, and wage rates are published quarterly. Minnesota is included in the Lake Region which also includes Michigan and Wisconsin. Information from the Farm Labor report is used to determine farm labor's effect on production costs, evaluate the impact of wage rate changes, and to define the nation's need for farm labor.

Farm Labor estimates are made at the U.S. and regional levels in January, April, July, and October for the week including the 12th of the month. State level wage rate information is available annually for the October survey period.

WAGE RATES FOR ALL HIRED WORKERS Excluding Agricultural Service Workers



HIRED WORKERS 1/: Annual Average Wage Rates, Minnesota 2000-2004

Year	All Hired	Field & Livestock	
		Field	Field & Livestock
		Dollars per Hour	
2000	8.91	8.67	8.38
2001	9.53	9.90	9.26
2002	9.73	9.76	9.12
2003	10.23	9.80	9.56
2004	10.93	10.13	10.02

1/ Excludes Agricultural Service Workers.

FARM LABOR: Farm Workers and Wages by Type of Work, Lake Region, 2003-2005 1/

Year and Month	Hired Workers and Hours Worked				Wages, Type of Work			
	Number of Workers	Expected To Be Employed		Number of Hours Worked	All Hired	Field	Livestock	Field & Livestock
		150 Days or More	149 Days or Less					
	----- 1,000 Workers -----			Hours	----- Dollars Per Hour -----			
2003								
January	45	40	5	31.7	10.54	10.51	9.44	9.65
April	56	36	20	37.0	9.90	9.31	9.20	9.26
July	62	42	20	36.2	9.36	8.34	8.95	8.55
October	72	45	27	37.7	9.70	9.25	9.11	9.20
2004								
January	50	43	7	34.2	10.68	10.11	9.41	9.60
April	57	43	14	35.5	10.10	9.20	9.95	9.60
July	69	40	29	36.4	9.30	8.29	9.13	8.55
October	72	43	29	39.7	9.77	9.06	9.51	9.20
2005								
January	43	37	6	34.0	10.61	9.65	9.67	9.66
April	55	38	17	34.8	9.95	8.99	10.05	9.45

1/ Farm Workers excludes Agricultural Service Workers. Lake Region includes Minnesota, Michigan, and Wisconsin.