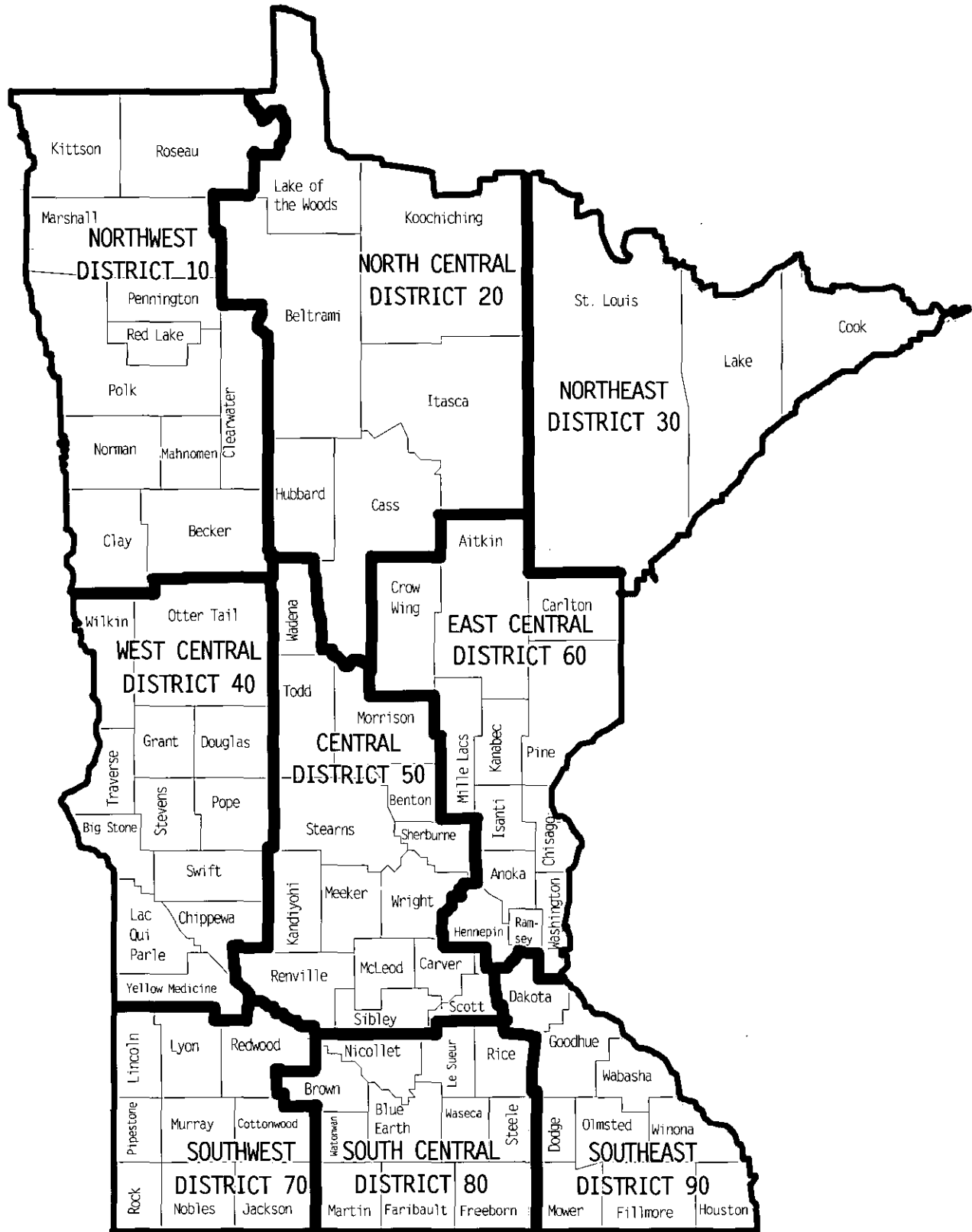


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2004

Minnesota Agricultural Statistics

MINNESOTA'S AGRICULTURAL STATISTICS DISTRICTS



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Minnesota Department of Agriculture
Gene Hugoson, Commissioner

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Foreword

Over the years, I've frequently talked with Minnesota farmers about the importance of continually looking for new ways to do things more efficiently and effectively. It's not enough to continue running a business the same way it's been run for decades. Times change, markets change, and in order to stay relevant, farmers need to keep pace just like any other small business operators.

To run a business effectively, you need current and accurate information. This allows you to make sound production and marketing decisions that will pay off in the long run. Publications such as this *Minnesota Agricultural Statistics* book and the *Census of Agriculture* help give all of us better insight into agricultural trends. Estimates of crop and livestock production, farm income and expenses, farm numbers and land in farms, and many others, help the entire agricultural community plan for the future of Minnesota agriculture.

I want to express my gratitude to all the farmers and agribusinesses that made this book possible by responding to surveys conducted by the Minnesota Agricultural Statistics Service.



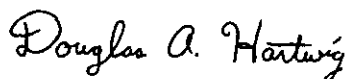
Gene Hugoson, Commissioner
Minnesota Department of Agriculture



On behalf of the staff in the Minnesota office of the National Agricultural Statistics Service, I am proud to present the "Minnesota Agricultural Statistics 2004". The agricultural data in this book provides the facts on which sound decisions can be based in promotion of Minnesota agriculture. It is through the cooperative efforts and funding by the United States Department of Agriculture's National Agricultural Statistics Service, and the Minnesota Department of Agriculture that we are able to produce this publication.

Many thanks go out to the Minnesota producers, agribusiness people, County Farm Service Agency and Natural Resources Conservation Service staff and University of Minnesota Extension Service personnel who voluntarily provide the data presented in this annual bulletin. We count agriculture because "Agriculture Counts" in Minnesota and the United States.

If you need more information, e-mail us at nass-mn@nass.usda.gov or call us at 1-800-453-7502. You can also find all of our data on our web site at www.nass.usda.gov/mn/.



Douglas A. Hartwig, Director
Minnesota Agricultural Statistics

STATE RANKINGS: Minnesota's Rank Among States 1/

Item	1	2	3	4	5	6	7	8	9	10
Cash Receipts, 2002										
Total	CA	TX	IA	NE	KS	IL	MN	FL	NC	WI
Livestock & Livestock Products	TX	CA	NE	KS	IA	NC	WI	MN	CO	AR
Crops	CA	IL	IA	FL	TX	MN	NE	WA	IN	NC
Crop Production, 2003										
Corn	IA	IL	NE	MN	IN	OH	SD	WI	MO	KS
Soybeans	IL	IA	MN	IN	NE	OH	MO	SD	AR	ND
All Wheat	KS	ND	OK	WA	MT	SD	MN	TX	ID	NE
Spring Wheat	ND	MN	MT	SD	ID	WA	OR	CO	UT	NV
Oats	ND	MN	SD	WI	IA	NE	PA	TX	MI	KS
Barley	ND	ID	MT	WA	MN	CO	WY	PA	OR	CA
All Sunflowers	ND	SD	KS	MN	CO	TX	NE			
Dry Edible Beans	ND	NE	MI	MN	ID	CA	CO	WY	WA	TX
All Hay	TX	CA	MO	NE	SD	KS	KY	IA	MN	OK
All Potatoes	ID	WA	WI	ND	CO	MN	OR	CA	ME	MI
Sugarbeets	MN	ID	ND	MI	CA	MT	NE	WY	CO	OR
Flaxseed	ND	MT	MN	SD						
Canola	ND	MN								
Sweet Corn for Processing	MN	WA	WI	OR	NY	DE	MD	PA		
Green Peas for Processing	MN	WA	WI	OR	NY	DE				
Cultivated Wild Rice 2/	CA	MN								
Livestock, Dairy, Poultry										
Red Meat Production, 2003	NE	IA	KS	TX	IL	MN	NC	CO	CA	IN
Cattle/Calves, January 1, 2004 3/	TX	KS	NE	CA	OK	MO	SD	IA	WI	MN
Milk Cows, January 1, 2004	CA	WI	NY	PA	MN	ID	NM	TX	MI	OH
Cattle/Calves Marketed, 2003 4/	TX	NE	KS	OK	CO	CA	IA	SD	MO	MT
Cattle/Calves on Feed, Jan 1, 2004	TX	KS	NE	CO	IA	CA	SD	OK	MN	ID
Hogs & Pigs, December 1, 2003	IA	NC	MN	IL	IN	MO	NE	OK	KS	OH
Pig Crop, 2003	NC	IA	MN	IL	NE	OK	MO	IN	KS	OH
Hogs Marketed, 2003	IA	NC	MN	IL	MO	NE	IN	OK	SD	KS
All Sheep & Lambs, Jan 1, 2004 5/	TX	CA	WY	SD	CO	MT	UT	ID	IA	OR
Lamb Crop, 2003 6/	TX	WY	SD	MT	CA	ID	UT	IA	CO	OR
All Chickens, December 1, 2003	IA	OH	GA	PA	IN	TX	CA	AR	NC	MN
Eggs Produced, Dec 2002-Nov 2003	IA	OH	PA	IN	CA	GA	TX	AR	NE	MN
Turkeys Raised, 2003 7/	MN	NC	AR	MO	VA	CA	SC	IN	PA	IA
Milk Production, 2003	CA	WI	NY	PA	ID	MN	NM	MI	TX	WA
Dairy Products Manufactured, 2003										
Total Cheese	WI	CA	NY	MN	PA	OH	IA	SD	MO	IL
American Cheese	WI	CA	MN	ID	IA	OR	NY	SD	OH	
Ice Cream	CA	IN	TX	PA	IL	MN	NY	OH	NC	FL
Mink Pelts Produced, 2002	WI	UT	OR	MN	ID	IA	WA	SD	OH	MI
Honey Produced, 2003	CA	ND	FL	SD	MN	MT	TX	WI	NY	MI
Agricultural Exports, Fiscal Year 2002	CA	IL	IA	NE	KS	TX	MN	ND	WA	IN

1/ Rankings based on published data.

2/ Source: Minnesota Cultivated Wild Rice Council.

3/ Minnesota ranks 10th, tied with CO and MT.4/ Minnesota ranks 16th.5/ Minnesota ranks 12th, tied with OH.6/ Minnesota ranks 11th, ID and UT tied for 6th.7/ AR and MO tied for 3rd.

COUNTY RANKINGS: Minnesota's Leading Agricultural Counties

Item	1	2	3	4	5	6	7	8	9	10
2002 Cash 1/ Farm Receipts										
Total	Stearns	Renville	Martin	Kandiyohi	Otter Tail	Redwood	Blue Earth	Polk	Nobles	Mower
Crops	Renville	Polk	Redwood	Faribault	Clay	Mower	Martin	Freeborn	Marshall	Wilkin
Livestock	Stearns	Kandiyohi	Martin	Morrison	Otter Tail	Renville	Blue Earth	Nobles	Redwood	Rock
Government Payments	Polk	Marshall	Stearns	Otter Tail	Roseau	Kittson	Renville	Redwood	Kandiyohi	Mower
2003 Crop Production										
Corn for Grain	Renville	Martin	Redwood	Faribault	Blue Earth	Freeborn	Jackson	Nobles	Yellow Medicine	Cottonwood
Soybeans	Polk	Redwood	Renville	Martin	Nobles	Jackson	Faribault	Murray	Blue Earth	Yellow Medicine
All Wheat	Polk	Marshall	Kittson	Clay	Norman	Wilkin	Roseau	Pennington	Otter Tail	Becker
Oats	Stearns	Otter Tail	Roseau	Fillmore	Wabasha	Todd	Kittson	Marshall	Winona	Morrison
Barley	Marshall	Roseau	Polk	Norman	Pennington	Kittson	Clay	Mahnomen	Red Lake	Stearns
Sunflowers	Marshall	Roseau	Norman	Kittson	Polk	Wilkin	Clay	Pennington	Otter Tail	Red Lake
Sugarbeets	Polk	Clay	Wilkin	Norman	Renville	Marshall	Chippewa	Kittson	Kandiyohi	Grant
Canola	Roseau	Marshall	Lake of the Woods	Kittson	Pennington					
Flaxseed	Roseau									
Dry Edible Beans	Polk	Otter Tail	Marshall	Hubbard	Renville	Kandiyohi	Morrison	Chippewa	Clay	Wadena
All Hay	Stearns	Otter Tail	Fillmore	Winona	Morrison	Todd	Wabasha	Houston	Roseau	Goodhue
Potatoes 2/	Sherburne	Polk	Morrison	Benton	Todd	Freeborn	Clay	Marshall	Kittson	Red Lake
Green Peas 3/	Renville	Brown	Dakota	Mower	Olmsted	Sibley	Redwood	Steele	Goodhue	Wabasha
Sweet Corn	Renville	Brown	Freeborn	Sibley	Steele	Redwood	Mower	Olmsted	Waseca	Faribault
Livestock, Dairy & Poultry										
Cattle & Calves, Jan 1, 2004	Stearns	Otter Tail	Morrison	Winona	Fillmore	Goodhue	Todd	Wabasha	Houston	Rock
Beef Cows, Jan 1, 2004	Fillmore	Otter Tail	Morrison	Todd	Cass	Beltrami	Stearns	Houston	Pine	Clearwater
Milk Cows, Jan 1, 2004	Stearns	Morrison	Winona	Otter Tail	Goodhue	Todd	Wabasha	Fillmore	Benton	Carver
Milk Prod., 2003	Stearns	Winona	Morrison	Otter Tail	Goodhue	Wabasha	Todd	Fillmore	Carver	Benton
Breeding Sheep & Lambs, Jan 1, 2004 4/	Murray	Pipestone	Lincoln	Otter Tail	Cottonwood	Lyon	Goodhue	Sibley	Todd	Kandiyohi
Hogs, Dec 1, 2003	Martin	Blue Earth	Nobles	Brown	Nicollet	Renville	Freeborn	Mower	Jackson	Rock
Pig Crop, 2003	Martin	Blue Earth	Renville	Brown	Pipestone	Waseca	Freeborn	Cottonwood	Nicollet	Stevens
Cattle & Calves on Feed, Jan 1, 2004	Lyon	Stearns	Rock	Redwood	Nobles	Cottonwood	Brown	Murray	Dakota	Renville

1/ 2002 Census of Agriculture.

2/ Includes published counties only.

3/ Olmsted and Sibley tied for 5th, Goodhue and Wabasha tied for 9th.4/ Goodhue and Sibley tied for 7th.

FARM NUMBERS

The 2003 total number of farms in Minnesota was estimated at 80,000, down 900 farms from 2002. The number of farms in the \$1,000-\$9,999 economic sales class decreased 200 to 35,200 in 2003. Those with sales in the \$10,000-\$99,999 economic sales class decreased 700 to 25,500 farms in 2003.

Farms in the \$100,000-\$249,999; \$250,000-\$499,999; and \$500,000 and over sales classes remained unchanged from 2002.

A farm is defined as any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. Government payments are included as sales.

NUMBER OF FARMS, LAND IN FARMS, AND**AVERAGE SIZE: Minnesota, 1992-2003 1/**

Year	Number of Farms	Land in Farms	Avg. Size of Farms
	Number	1,000 Acres	Acres
1992	88,000	29,800	339
1993	86,000	29,700	345
1994	84,500	29,500	349
1995	83,000	29,400	354
1996	82,000	29,200	356
1997	81,000	29,100	359
1998	80,000	28,600	358
1999	81,000	28,200	348
2000	81,000	27,900	344
2001	81,000	27,800	343
2002	80,900	27,800	344
2003	80,000	27,700	346

1/ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

**NUMBER OF FARMS: By Economic Sales Class
Minnesota, 1998-2003**

Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & Over	Total
	Number					
1998	29,600	29,400	12,600	5,500	2,900	80,000
1999	30,500	29,500	12,400	5,500	3,100	81,000
2000	32,100	28,400	11,600	5,500	3,400	81,000
2001	33,900	27,100	10,900	5,400	3,700	81,000
2002	35,400	26,200	10,000	5,400	3,900	80,900
2003	35,200	25,500	10,000	5,400	3,900	80,000

**LAND IN FARMS: By Economic Sales Class
Minnesota, 1998-2003**

Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & Over	Total
	1,000 Acres					
1998	3,110	8,500	6,800	5,590	4,600	28,600
1999	3,140	8,000	6,600	5,460	5,000	28,200
2000	3,210	7,500	6,400	5,390	5,400	27,900
2001	3,220	7,200	6,200	5,380	5,800	27,800
2002	3,290	6,830	5,900	5,380	6,400	27,800
2003	3,070	6,850	5,920	5,410	6,450	27,700

EXPORTS

Minnesota ranked 7th in farm exports for fiscal year 2002. The value of the state's exports came to \$2.20 billion versus \$2.30 billion in 2001. This accounts for 4.1 percent of the U.S. total.

The table below shows the value of farm exports by commodity group. These figures are not actual exports but are derived from Minnesota's contribution to U.S. production and/or sales. They reflect Minnesota's important stake in the national export market.

**AGRICULTURAL EXPORTS:
Minnesota, FY 2002**

Commodity	Value
	Million Dollars
Feed Grains & Products	512.1
Soybeans & Products	675.1
Wheat & Products	203.2
Live Animals & Meat 1/	238.4
Vegetables & Preparations	194.2
Feeds & Fodders	75.2
Dairy Products	74.2
Hides & Skins	50.8
Poultry & Products	51.7
Sunflower Seed & Oil	4.7
Fats, Oils, Greases	12.3
Seeds	26.9
Other 2/	83.5
Total	2,202.4

**AGRICULTURAL EXPORTS:
State Rankings, FY 2002**

Rank	State	Value
		Million Dollars
First	CA	7,160.0
Second	IL	3,310.5
Third	IA	3,217.7
Fourth	NE	3,144.8
Fifth	KS	3,005.6
Sixth	TX	2,932.7
Seventh	MN	2,202.4
Eighth	ND	1,933.7
Ninth	WA	1,787.7
Tenth	IN	1,696.2

1/ Excludes Poultry.

2/ Includes minor oilseeds, confectionary, nursery and greenhouse, essential oils, beverages (excluding juice), and other miscellaneous animal and vegetable products.

Note: Totals may not add due to rounding.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C. and USDA, NASS website (www.usda.gov/nass).

**LAND VALUES: Average Per Acre Value of Farmland and Buildings,
Minnesota and Selected States, January 1, 2000-2003 1/ 2/**

State	2000	2001	2002	2003	Change 2002-2003
	Dollars Per Acre				Percent
MN	1,280	1,360	1,450	1,550	6.9
IA	1,820	1,900	1,980	2,050	3.5
ND	415	425	440	460	4.5
SD	380	405	440	470	6.8
WI	1,700	2,000	*2,150	2,300	7.0
48 States 3/	1,080	1,150	1,210	1,270	5.0

1/ Value of farmland and buildings in current dollars (not adjusted for inflation).

2/ Publication date is scheduled for August 6, 2004. Report will be available on the USDA, NASS website. (www.usda.gov/nass/)

3/ Excludes Alaska and Hawaii.

* Revised

LAND VALUES

Each year, the Minnesota Department of Revenue compiles every farmland sale in the state into a single data set that includes sale price, parcel size, number of tillable acres, and other pertinent items.

Statewide number of sales in 2003 totaled 1,638, a decrease of 8.4 percent from the 2002 sales. The average acreage per sale in 2003 was 108 acres, compared with 104 acres in 2002. Average unadjusted sale price per acre was \$1,963 in 2003, an increase of \$10 per acre from the 2002 average.

Cropland rented for cash in the state averaged \$82.00 per acre, an increase of \$1.00 from a year ago.

FARMLAND SALES: Number, Acres, and Price, Minnesota, 1999-2003

Sales Year	Number of Sales	Acres Sold	Price Per Acre	
			Unadjusted Average	Median
	<u>Number</u>	<u>Acres</u>	<u>----- Dollars -----</u>	
1999	2,327	252,163	1,279	1,036
2000	2,341	264,576	1,417	1,181
2001	2,282	255,222	1,609	1,373
2002	2,321	256,276	1,745	1,500
2003	1,638	177,162	1,963	1,519

FARMLAND SALES: Number, Acres, and Price, by District, Minnesota, 2003

Reporting District	Number of Sales	Acres Sold	Price Per Acre	
			Unadjusted Average	Median
	<u>Number</u>	<u>Acres</u>	<u>----- Dollars -----</u>	
Northwest	269	44,477	697	584
North Central	58	5,973	1,211	993
Northeast	5	291	1,426	719
West Central	256	28,231	1,437	1,251
Central	391	23,549	2,529	1,712
East Central	152	10,114	3,065	2,352
Southwest	165	20,970	1,723	1,735
South Central	178	16,588	2,420	2,155
Southeast	164	16,879	2,518	2,121
Minnesota	1,638	177,162	1,963	1,519

Source: "Minnesota Agricultural Economist".

Steven J. Taff, Department of Applied Economics, University of Minnesota.

Internet Web Site (www.apec.umn.edu/faculty/staff/).

CROPLAND RENTED FOR CASH: Average Cash Rent Per Acres, Minnesota and Selected States, 2000-2003 1/

State	2000	2001	2002	2003	Change 2002-2003
	<u>Dollar Per Acre</u>				<u>Percent</u>
MN	77.90	80.50	81.00*	82.00	1.2
IA	115.00	117.00	120.00	122.00	1.7
ND	35.50	36.00	36.50	36.50	0.0
SD	39.80	40.00	42.00	45.00	7.1
WI	65.00	66.00	67.00*	68.00	1.5
48 States 2/	70.00	71.00	71.60*	73.00	2.0

1/ Cash rent is in normal dollars (not adjusted for inflation).

2/ Excludes Alaska and Hawaii.

* Revised

**CORN AND SOYBEANS: Production Costs and Returns,
Heartland Region, 2001-2002 1/**

Item	Corn		Soybeans	
	2001	2002	2001	2002
	Dollars Per Planted Acre		Dollars Per Planted Acre	
Gross value of production (excluding direct Government payments)				
Total gross value of production	273.17	327.93	189.78	228.34
Operating costs				
Seed	33.00	31.60	21.72	23.01
Fertilizer, lime, and gypsum	49.85	37.24	7.42	6.72
Soil conditioners	0.09	0.09	0.09	0.09
Manure	1.73	1.37	1.18	0.92
Chemicals	26.67	26.22	22.82	22.73
Custom operations 2/	9.77	9.69	6.14	6.05
Fuel, lube, and electricity	16.18	15.28	7.76	7.15
Repairs	12.21	12.35	9.84	9.95
Other variable cash expenses 3/	0.00	0.00	0.00	0.00
Interest on operating capital	2.50	1.13	1.30	0.64
Total operating costs	152.00	134.97	78.27	77.26
Allocated overhead				
Hired labor	2.10	2.19	1.42	1.49
Opportunity cost of unpaid labor	22.20	23.03	19.41	20.21
Capital recovery of machinery and equipment	51.27	51.87	52.80	53.42
Opportunity cost of land (rental rate)	96.90	98.83	92.38	93.78
Taxes and insurance	5.15	5.07	7.14	7.11
General farm overhead	10.49	10.69	15.46	15.72
Total allocated overhead	188.11	191.68	188.61	191.73
Total costs listed	340.11	326.65	266.88	268.99
Value of production less total costs listed	-66.94	1.28	-77.10	-40.65
Value of production less operating costs	121.17	192.96	111.51	151.08
Supporting information				
Yield (bu./planted acre)	151	142	46	44
Price (dollars per bushel at harvest)	1.80	2.30	4.16	5.23
Enterprise size (planted acres) 4/	270	270	225	225
Production practices 4/				
Irrigated (percent)	5	5	2	2
Dryland (percent)	95	95	98	98

1/ The Heartland Region includes portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, Indiana, Ohio, and Minnesota's Ag. Statistics Districts 4, 7, 8, and 9. Minnesota is also part of the Northern Crescent and Northern Great Plains Regions. Information is available about the Northern Crescent and Northern Great Plains Regions on the ERS websites listed below.

2/ Cost of custom operations, technical services, and commercial drying.

3/ Cost of purchased irrigation water.

4/ Developed from survey base year 2001, for corn. Developed from base year, 1997, for soybeans.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.
Internet Web Site (www.ers.usda.gov/data/costsandreturns/testpick.htm)

WHEAT: Production Costs and Returns, Northern Plains Region, 1995-2002 1/ 2/

Item	1995	1996	1997	1998	1999	2000	2001	2002
<u>Dollars per Planted Acre</u>								
Gross value of production (excluding direct Government payments)								
Wheat	120.59	143.56	93.61	100.10	85.49	83.98	77.94	80.59
Wheat straw	0.51	0.60	0.74	1.74	1.42	1.67	1.85	2.39
Total, gross value of production	121.10	144.16	94.35	101.84	86.91	85.65	79.79	82.98
Cash expenses								
Seed	7.44	8.93	7.64	7.64	6.36	6.19	6.34	6.33
Fertilizer, lime, and gypsum	15.34	15.63	14.85	14.78	13.46	13.91	19.66	14.40
Chemicals	7.98	8.27	8.33	10.61	10.28	10.15	10.14	10.09
Custom operations	2.59	2.72	2.64	4.04	3.82	4.00	3.77	3.13
Fuel, lube, and electricity	5.99	7.12	6.74	4.25	4.16	6.06	6.03	5.22
Repairs	12.51	14.09	12.77	8.10	8.85	9.85	9.66	9.57
Hired labor	2.30	2.39	2.52	1.45	1.48	1.60	1.67	1.70
Other variable cash expenses 3/	0.03	0.03	0.03	0.16	0.16	0.16	0.17	0.17
Total, variable cash expenses	54.18	59.18	55.52	51.03	48.57	51.92	57.44	50.61
General farm overhead	5.45	4.54	5.35	6.32	6.42	6.49	6.76	6.97
Taxes and insurance	8.83	8.67	9.61	3.76	3.81	3.85	3.95	3.99
Interest	10.68	9.39	9.47	1.19	1.11	1.45	0.94	0.41
Total, fixed cash expenses	24.96	22.60	24.43	11.27	11.34	11.79	11.65	11.37
Total, cash expenses	79.14	81.78	79.95	62.04	59.91	63.71	69.09	61.98
Gross value of production less cash expenses	41.96	62.38	14.40	39.80	27.00	21.94	10.70	21.00
Harvest-period price (dollars/bu.)	4.31	4.86	3.81	2.91	2.68	2.50	2.66	3.55
Yield (bu./planted acre)	27.98	29.54	24.57	34.40	31.90	33.60	29.30	22.70

1/ Data for 1995-1997 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

2/ Data for 1998 and later refer to the Northern Great Plains Region which includes North Dakota, South Dakota, and parts of Montana, Wyoming, Nebraska and Minnesota.

3/ Cost of purchased irrigation water and baling.

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

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

BARLEY: Production Costs and Returns, Northern Plains Region, 1995-2002 1/

Item	1995	1996	1997	1998	1999	2000	2001	2002
<u>Dollars per Planted Acre</u>								
Gross value of production (excluding direct Government payments)								
Barley	109.22	139.00	91.83	79.90	73.27	68.82	75.98	69.85
Barley straw	1.87	1.89	2.67	2.07	1.79	2.02	2.07	2.33
Total, gross value of production	111.09	140.89	94.50	81.97	75.06	70.84	78.05	72.18
Cash expenses								
Seed	5.72	7.63	6.77	6.30	5.73	5.84	5.84	5.81
Fertilizer, lime, and gypsum	16.77	17.11	16.68	14.49	13.52	13.80	18.15	14.16
Chemicals	7.69	7.86	7.97	8.11	8.14	7.77	7.93	7.88
Custom operations	3.46	3.41	3.39	3.49	3.68	3.64	3.77	3.72
Fuel, lube, and electricity	7.42	8.85	8.59	7.55	7.72	10.28	8.92	8.30
Repairs	13.04	15.21	13.87	14.08	14.25	14.91	15.02	14.58
Hired labor	3.80	3.98	4.40	4.50	4.65	4.88	5.23	5.18
Other variable cash expenses 2/	0.86	0.98	1.04	1.06	1.32	1.14	1.32	1.19
Total, variable cash expenses	58.76	65.03	62.71	59.58	59.01	62.26	66.18	60.82
General farm overhead	7.27	7.28	7.58	6.07	5.77	5.82	6.01	6.15
Taxes and insurance	11.87	12.86	12.13	11.14	10.39	10.70	10.70	10.89
Interest	13.01	13.70	12.20	11.33	11.40	11.40	12.15	10.84
Total, fixed cash expenses	32.15	33.84	31.91	28.54	27.56	27.92	28.86	27.88
Total, cash expenses	90.91	98.87	94.62	88.12	86.57	90.18	95.04	88.70
Gross value of production less cash expenses	20.18	42.02	-0.12	-6.15	-11.51	-19.34	-16.99	-16.52
Harvest-period price (dollars/bu.)	2.47	2.82	2.11	1.69	1.73	1.59	1.83	2.14
Yield (bu./planted acre)	44.22	49.29	43.52	47.28	42.35	43.28	41.52	32.64

1/ The Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

2/ Cost of purchased irrigation water and baling.

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

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

OATS: Production Costs and Returns, North Central Region, 1995-2002 1/

Item	1995	1996	1997	1998	1999	2000	2001	2002
<u>Dollars per Planted Acre</u>								
Gross value of production (excluding direct Government payments)								
Oats	71.40	119.06	104.46	64.03	68.26	69.90	85.42	103.02
Oats straw	37.98	44.21	49.88	44.21	45.34	46.48	48.18	48.77
Total, gross value of production	109.38	163.27	154.34	108.24	113.60	116.38	133.60	151.79
Cash expenses								
Seed	8.91	9.67	10.10	9.72	9.02	8.30	8.23	8.11
Fertilizer, lime, and gypsum	20.61	20.12	20.09	19.10	17.90	18.24	21.16	18.39
Chemicals	1.19	1.26	1.27	1.27	1.26	1.25	1.27	1.28
Custom operations 2/	5.69	5.75	5.71	5.73	5.75	5.76	5.82	5.78
Fuel, lube, and electricity	4.08	4.19	4.33	3.54	3.72	5.52	5.19	4.53
Repairs	8.03	6.50	7.63	7.10	6.70	6.57	6.69	6.77
Hired labor	1.58	1.73	1.81	1.91	2.00	2.18	2.17	2.31
Other variable cash expenses 3/	1.40	1.63	1.84	1.63	1.67	1.71	1.78	1.80
Total, variable cash expenses	51.49	50.85	52.78	50.00	48.02	49.53	52.31	48.97
General farm overhead	4.83	4.52	5.31	5.01	5.08	5.21	5.38	5.50
Taxes and insurance	19.00	20.15	20.15	19.58	20.15	21.16	21.54	21.32
Interest	6.22	6.14	6.17	6.50	6.13	6.48	6.60	6.02
Total, fixed cash expenses	30.05	30.81	31.63	31.09	31.36	32.85	33.52	32.84
Total, cash expenses	81.54	81.66	84.41	81.09	79.38	82.38	85.83	81.81
Gross value of production less cash expenses	27.84	81.61	69.93	27.15	34.22	34.00	47.77	69.98
Harvest-period price (dollars/bu.)	1.28	2.02	1.62	1.09	1.10	1.02	1.32	1.67
Yield (bu./planted acre)	55.78	58.94	64.48	58.74	62.05	68.53	64.71	61.69

1/ The North Central Region includes Minnesota, Iowa, Wisconsin, Illinois, Michigan, and Ohio.

2/ Cost of custom operations and technical services.

3/ Cost of baling.

Note: Survey base changed in 1994.

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

Internet Web Site (www.ers.usda.gov/data/costsandreturns/testpick.htm)**SUGARBEETS: Production Costs and Returns, Red River Valley, 1995-2002 1/**

Item	1995	1996	1997	1998	1999	2000	2001	2002
<u>Dollars per Planted Acre</u>								
Gross value of production								
Beets - gross value of production	685.85	851.03	697.50	733.42	739.11	723.06	752.49	803.93
Cash expenses								
Seed	41.15	42.91	44.81	46.39	45.55	44.89	45.01	48.02
Fertilizer	39.90	41.68	39.86	35.68	33.83	28.74	37.21	29.79
Chemicals	68.13	71.12	71.13	71.43	70.62	109.03	109.80	109.72
Custom operations	24.12	23.93	23.30	25.78	24.79	23.49	23.02	23.53
Fuel and lubrication	17.85	21.87	20.73	18.43	19.18	24.86	24.55	23.07
Repairs	28.93	29.37	31.53	33.53	34.38	32.52	34.59	37.00
Hired labor	69.33	77.02	83.06	86.06	84.88	51.76	55.21	55.95
Purchased irrigation water	0.04	0.04	0.05	0.05	0.04	0.06	0.06	0.06
Freight and dirt hauling charges	9.55	11.93	11.81	11.25	10.85	13.62	13.91	13.88
Miscellaneous 2/	14.47	16.54	16.94	15.71	15.77	13.30	13.75	13.65
Hauling allowance (-)	-9.14	-11.39	-11.36	-10.75	-10.36	-10.34	-10.44	-10.45
Total, variable cash expenses	304.33	325.02	331.86	333.56	329.53	331.93	346.67	344.22
General farm overhead	30.43	20.75	30.90	28.98	29.48	27.55	28.30	28.92
Taxes and insurance	39.36	33.23	39.24	40.39	40.76	14.57	12.59	12.84
Interest	45.83	32.88	41.99	48.63	49.59	8.38	4.96	2.44
Total, fixed cash expenses	115.62	86.86	112.13	118.00	119.83	50.50	45.85	44.20
Total, cash expenses	419.95	411.88	443.99	451.56	449.36	382.43	392.52	388.42
Gross value of production less cash expenses	265.90	439.15	253.51	281.86	289.75	340.63	366.97	415.51
Season-average price (dollars/ton)	38.38	46.76	38.43	35.21	37.16	35.10	42.27	42.25
Yield (net tons/planted acre)	17.87	18.20	18.15	20.83	19.89	20.60	17.80	19.00

1/ The Red River Valley includes Minnesota and eastern North Dakota.

2/ Includes costs deducted by the processor from the net payment and noncash benefits.

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

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

**HOG PRODUCTION: Farrow-to-Finish, Farrow-to-Feeder,
Feeder Pig-to-Finish, Costs and Returns, Heartland Region, 2002 1/**

Item	All Hog Producers	Farrow to Finish	Farrow to Feeder 2/	Feeder Pig to Finish
<u>Dollars per Cwt Gain 3/</u>				
Gross value of production				
Market hogs	32.90	32.11	1.61	39.69
Feeder pigs	9.10	0.64	94.07	0.15
Cull stock	0.84	1.46	2.13	0.01
Breeding stock	0.36	0.13	0.18	0.01
Inventory change	-0.07	0.03	-4.02	0.70
Other income 4/	1.48	1.40	1.23	1.62
Total gross value of production	44.61	35.77	95.20	42.18
Operating costs				
Feed	8.08	10.29	2.16	6.35
Grain	6.40	8.89	0.89	4.03
Protein sources	7.96	4.73	25.69	9.29
Complete mixes	0.22	0.37	0.23	0.08
Other feed items 5/	22.66	24.28	28.97	19.75
Total feed costs				
Other				
Feeder pigs	11.37	0.06	0.56	24.93
Veterinary and medicine	1.19	1.61	2.78	0.54
Bedding and litter	0.04	0.04	0.06	0.02
Marketing	0.64	0.34	3.77	0.54
Custom services	0.32	0.28	0.29	0.40
Fuel, lube, and electricity	1.27	1.36	3.31	0.79
Repairs	0.91	1.27	1.15	0.43
Other operating costs 6/	0.03	0.03	0.04	0.03
Interest on operating capital	0.32	0.25	0.34	0.40
Total operating costs	38.75	29.52	41.27	47.83
Allocated overhead				
Hired labor	2.61	3.00	13.05	0.47
Opportunity cost of unpaid labor	5.70	7.40	7.67	3.32
Capital recovery of machinery and equipment	10.86	11.72	27.53	6.79
Opportunity cost of land (rental rate)	0.05	0.06	0.07	0.02
Taxes and insurance	0.49	0.53	0.94	0.37
General farm overhead	1.03	1.13	1.60	0.79
Total, allocated overhead	20.74	23.84	50.86	11.76
Total costs listed	59.49	53.36	92.13	59.59
Value of production less total costs listed	-14.88	-17.59	3.07	-17.41
Value of production less operating costs	5.86	6.25	53.93	-5.65
Supporting information				
Production arrangement (percent of production)				
Independent	71	99	22	48
Under contract	29	1	78	52
Size of operation (head sold/removed)				
Market hogs	1,852	1,644	74	2,686
Feeder pigs	1,045	53	9,744	14

1/ The Heartland Region includes portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, Indiana, Ohio, and Minnesota's Ag. Statistics Districts 4, 7, 8, and 9. Minnesota is also part of the Northern Crescent and Northern Great Plains Regions. Information is available about the Northern Crescent and Northern Great Plains Regions on the ERS website. ¹Developed from survey base year, 1998.

2/ Farrow to Feeder data are for the United States (Heartland Region data are not available).

3/ Cwt gain = (cwt sold - cwt purchased) ÷ cwt inventory change.

4/ Value of manure production.

5/ Milk replacer, milk, milk by-products, antibiotics, and other medicated additives.

6/ Costs for odor control and fees, permits, licenses, and other regulatory costs.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.
Internet Web Site (www.ers.usda.gov/data/costsandreturns/testpick.htm)

COW-CALF: Production Costs and Returns, Heartland Region, 2001-2002 1/

Item	2001	2002
	<u>Dollars per Bred Cow</u>	
Gross value of production		
Steer calves	188.26	171.57
Heifer calves	127.54	115.34
Yearling steers	38.84	34.95
Yearling heifers	11.74	10.80
Other cattle	72.71	64.54
Total gross value of production	443.39	401.47
Operating costs		
Purchased cattle for backgrounding	26.39	23.26
Feed		
Concentrates and other feed	26.23	26.81
Supplemental feed	35.19	40.24
Harvested forages	206.00	202.16
Cropland pasture	13.42	13.20
Private pasture	73.63	73.61
Public land	0.37	0.36
Total feed costs	354.84	356.38
Other		
Veterinary and medicine	39.24	38.49
Bedding and litter	1.32	1.34
Marketing	4.30	4.27
Custom operations	40.77	40.18
Fuel, lube, and electricity	16.18	16.16
Repairs	29.63	29.24
Interest on operating inputs	8.89	4.40
Total operating costs	521.56	513.72
Allocated overhead		
Hired labor	0.58	0.60
Opportunity cost of unpaid labor	205.55	219.81
Capital recovery cost of machinery and equipment	272.90	280.63
Opportunity cost of land	5.46	5.55
Taxes and insurance	44.13	44.23
General farm overhead	82.71	84.10
Total allocated overhead	611.33	634.92
Total cost listed	1,132.89	1,148.64
Value of production less total costs listed	-689.50	-747.17
Value of production less operating costs	-78.17	-112.25

1/ The Heartland Region includes portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, Indiana, Ohio, and Minnesota's Ag. Statistics Districts 4, 7, 8, and 9. Minnesota is also part of the Northern Crescent and Northern Great Plains Regions. Information is available about the Northern Crescent and Northern Great Plains Regions on the ERS website listed below.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.
Internet Web Site (www.ers.usda.gov/data/costsandreturns/testpick.htm)



MILK: Production Costs And Returns, per cwt sold, 2001-2002

Item	Heartland 1/		Northern Crescent 2/	
	2001	2002	2001	2002
	Dollars per Cwt.			
Gross value of production				
Milk	15.31	12.35	15.78	12.93
Cattle	1.54	1.42	1.24	1.14
Other income 3/	1.05	0.82	0.81	0.65
Total gross value of production	17.90	14.59	17.83	14.72
Operating costs:				
Feed				
Feed grains	1.93	2.25	1.24	1.44
Hay and straw	2.36	2.74	1.15	1.25
Complete feed mixes	0.94	0.90	1.14	1.22
Liquid whey and milk replacer	0.07	0.10	0.07	0.09
Silage	0.83	0.78	1.20	0.99
Grazed pasture and cropland	0.13	0.13	0.07	0.07
Other feed item 4/	1.57	1.65	1.07	1.24
Total feed costs	7.83	8.55	5.94	6.30
Other				
Veterinary and medicine	0.77	0.76	0.79	0.78
Bedding and litter	0.23	0.22	0.24	0.23
Marketing	0.22	0.22	0.31	0.31
Custom service	0.54	0.53	0.48	0.48
Fuel, lube, and electricity	0.52	0.47	0.53	0.50
Repairs	0.59	0.61	0.61	0.62
Other operating costs 5/	0.00	0.00	0.00	0.00
Interest on operating capital	0.18	0.10	0.15	0.08
Total operating costs	10.88	11.46	9.05	9.30
Allocated overhead				
Hired labor	0.79	0.81	1.21	1.28
Opportunity cost of unpaid labor	5.68	5.79	5.15	5.20
Capital recovery of machinery and equipment 6/	4.67	4.73	4.22	4.22
Opportunity cost of land (rental rate)	0.09	0.09	0.08	0.08
Taxes and insurance	0.20	0.19	0.22	0.22
General farm overhead	0.58	0.60	0.63	0.64
Total allocated overhead	12.01	12.21	11.51	11.64
Total cost listed	22.89	23.67	20.56	20.94
Value of production less total costs listed	-4.99	-9.08	-2.73	-6.22
Value of production less operating costs	7.02	3.13	8.78	5.42
Supporting Information				
Milk Cows (head per farm)	59	60	68	70
Output per cow (pounds)	18,544	18,479	19,806	19,890
Milking frequency greater than twice per day (percent of farms)	1.76	1.87	2.98	3.15
Homegrown feed cost (percent of total feed cost)	60	60	49	49
Milk cows injected with BST (head per farm)	10	10	14	14

1/ The Heartland Region includes MN Agricultural Statistics Districts (ASD) 4, 7, 8, and 9, SD ASD 6 and 9, NE ASD 3 and 6, IA, MO ASD 1, 2, 3, 4, 5, 6 and 9, IL, IN, KY ASD 1 and 2, and Ohio ASD 1, 4, 5, 7 and 8. The first data available for the Heartland Region is 2000.

2/ The Northern Crescent Region includes New England, New York ASD 1, 2, 3, 5, 6, 8 and 9, Ohio ASD 2 and 3, MI, WI and MN ASD 2, 3, 5 and 6. The first data available for the Northern Crescent Region is 2000.

3/ Income from renting or leasing dairy stock to other operations; renting space to other dairy operations; co-op patronage dividends associated with the dairy; assessment rebates, refunds, and other dairy related resources; and manure production.

4/ Cotton seed meal, protein supplements, protein by products, vitamin or mineral supplements, nonprotein byproducts, alfalfa cubes or pellets, green chop, corn stalks, and antibiotics and other medicated additives.

5/ Manure disposal fees, permits, licenses, and odor control costs.

6/ Machine and equipment, and housing, manure handling, and feed storage structures, and dairy breeding herd.

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

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

FARM INCOME AND EXPENSES: Minnesota, 1998-2002

Item	1998	1999	2000	2001	2002
	Million Dollars				
Value of crop production	4,301,612	3,540,231	3,581,637	3,165,579	4,333,828
Food grains	268,698	210,224	244,095	252,214	244,001
Feed crops	1,428,472	1,241,535	1,259,443	1,157,851	1,448,927
Oil crops	1,592,413	1,207,319	1,263,223	1,095,993	1,342,740
Fruits and tree nuts	11,083	7,083	10,804	10,444	11,250
Vegetables	274,847	249,587	210,629	232,313	235,579
All other crops	515,940	530,106	502,938	506,109	550,775
Home consumption	6,000	6,075	5,999	6,075	6,075
Value of inventory adjustment 2/	204,159	88,302	84,506	(95,420)	494,481
Value of livestock production	3,793,875	3,588,034	3,924,474	4,298,724	3,604,035
Meat animals	1,678,741	1,586,945	2,117,685	2,313,118	1,945,919
Dairy products	1,425,935	1,312,220	1,126,560	1,297,343	1,011,318
Poultry and eggs	611,528	609,709	595,521	629,111	643,230
Miscellaneous livestock	60,494	40,844	43,349	42,930	44,387
Home consumption	14,637	14,976	16,159	17,208	16,310
Value of inventory adjustment 2/	2,540	23,340	25,200	(986)	(57,129)
Revenues from services and forestry	860,636	855,806	853,599	1,081,481	880,364
Machine hire and customwork	102,986	78,516	62,282	115,485	69,716
Forest products sold	7,100	7,100	7,100	7,100	7,100
Other farm income	354,984	363,872	374,280	517,862	358,512
Gross imputed rental value of farm dwellings	395,566	406,318	409,937	441,034	445,036
Value of agricultural sector production 1/	8,956,123	7,984,072	8,359,711	8,545,784	8,818,226
Purchased inputs	5,330,884	5,119,655	5,465,530	5,883,551	5,779,612
Farm origin	2,033,467	1,941,601	2,100,911	2,292,448	2,316,107
Feed purchased	1,226,653	1,112,550	1,168,214	1,221,881	1,243,286
Livestock and poultry purchased	318,748	330,973	407,087	504,911	482,136
Seed purchased	488,066	498,078	525,610	565,656	590,685
Manufactured inputs	1,420,798	1,328,809	1,444,651	1,453,474	1,411,936
Fertilizers and lime	520,728	461,508	483,357	505,453	465,926
Pesticides	509,072	484,958	501,034	471,561	482,279
Petroleum fuel and oils	276,617	264,667	343,245	347,819	329,069
Electricity	114,381	117,676	117,015	128,641	134,662
Other purchased inputs	1,876,619	1,849,245	1,919,968	2,137,629	2,051,569
Repair and maintenance of capital items	533,144	496,528	451,950	614,448	496,786
Machine hire and customwork	195,402	182,814	190,785	302,773	204,514
Marketing, storage, and transportation expenses	209,296	230,251	272,201	209,355	268,096
Contract labor	21,692	15,990	14,056	22,912	17,361
Miscellaneous expenses	917,085	923,662	990,976	988,141	1,064,812
Net government transactions	401,480	1,023,602	1,100,982	842,583	91,205
Direct Government payments	794,547	1,409,859	1,502,230	1,242,141	480,483
Motor vehicle registration and licensing fees	18,612	16,179	15,079	17,412	15,177
Property taxes	374,455	370,078	386,169	382,146	374,101
Gross value added	4,026,719	3,888,018	3,995,163	3,504,816	3,129,819
Capital consumption	958,611	970,887	977,036	994,532	1,028,486
Net value added	3,068,108	2,917,131	3,018,127	2,510,284	2,101,333
Payments to stakeholders	1,716,664	1,639,106	1,735,707	1,702,212	1,639,134
Employee compensation (total hired labor)	463,455	450,255	514,594	508,710	524,343
Net rent received by nonoperator landlords	491,889	437,208	437,964	481,250	457,143
Real estate and nonreal estate interest	761,320	751,643	783,149	712,252	657,648
Net farm income	1,351,444	1,278,025	1,282,420	808,072	462,199

1/ Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

2/ A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

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

CASH RECEIPTS FROM FARM MARKETINGS: Minnesota, 2000-2002 1/

Commodity	2000		2001		2002	
	Dollars	Percent of Total	Dollars	Percent of Total	Dollars	Percent of Total
	<u>1,000</u>	<u>Percent</u>	<u>1,000</u>	<u>Percent</u>	<u>1,000</u>	<u>Percent</u>
CROPS 2/						
Feed Crops						
Corn	1,181,675	16.0	1,059,370	14.0	1,348,547	18.0
Oats	6,992	0.1	6,287	0.1	8,835	0.1
Barley	10,039	0.1	13,469	0.2	11,257	0.2
Hay	60,737	0.8	78,726	1.0	80,288	1.1
Food Grains						
Wheat	242,816	3.3	251,475	3.3	243,188	3.2
Rye	1,416	*	*	*	*	*
Oil Crops						
Soybeans	1,235,908	16.8	1,077,471	14.3	1,327,797	17.8
Sunflowers	12,791	0.2	9,599	0.1	9,376	0.1
Vegetable Crops						
Potatoes	70,205	1.0	90,207	1.2	95,674	1.3
Sweet Corn (processed)	50,897	0.7	54,714	0.7	57,159	0.8
Green Peas (processed)	45,204	0.6	32,091	0.4	31,362	0.4
Other Crops						
Sugarbeets	311,557	4.2	314,179	4.2	356,816	4.8
Dry Beans	31,825	0.4	44,365	0.6	41,702	0.6
Apples	7,774	0.1	7,389	0.1	8,245	0.1
Floriculture	77,602	1.0	79,539	1.0	78,276	1.0
Other Crops, Fruits, & Vegetables 3/	143,704	1.9	136,044	1.8	134,749	1.8
Total Crops	3,491,132	47.3	3,254,925	43.2	3,833,271	51.3
LIVESTOCK AND PRODUCTS						
Meat Animals						
Cattle & Calves	896,602	12.2	890,842	11.8	866,196	11.6
Hogs	1,207,465	16.4	1,410,773	18.7	1,067,805	14.3
Sheep & Lambs	13,618	0.2	11,503	0.2	11,918	0.2
Dairy Products	1,126,560	15.3	1,297,343	17.2	1,011,318	13.5
Poultry & Eggs						
Turkeys	360,876	4.9	385,000	5.1	413,424	5.5
Broilers	72,930	1.0	85,605	1.1	68,940	0.9
Chicken Eggs	116,666	1.6	112,810	1.5	106,216	1.4
Other Livestock Products						
Honey	7,695	0.1	7,108	0.1	12,128	0.2
Miscellaneous Livestock & Products 4/	80,703	1.1	81,518	1.1	86,909	1.2
Total Livestock	3,883,115	52.7	4,282,502	56.8	3,644,854	48.7
TOTAL ALL CROPS AND LIVESTOCK	7,374,248	100.0	7,537,427	100.0	7,478,125	100.0

1/ The years 2000, 2001 and 2002 revised on July 25, 2003.

2/ Includes Commodity Credit loans (calculated by crop open market sales plus net CCC loans).

3/ Includes flaxseed, other oil crops, Kentucky bluegrass, red clover, timothy, and other seeds; asparagus, green lima beans, snap beans, cabbage, onions, carrots, cucumbers, miscellaneous vegetables, mushrooms, other fruits, and other field crops.

4/ Wool, mink, goats, ducks, geese, beeswax, turkey eggs, farm chickens, and other livestock and poultry.

* Less than 0.1%.

Note: Percents may not add to totals because of rounding.

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

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

FARM BALANCE SHEET: Minnesota, 1998-2002

Item	1998	1999	2000	2001	2002
			<u>Million Dollars</u>		
Total Farm Assets 1/	43,047.7	44,530.9	46,957.6	48,587.1	51,633.5
Real Estate	30,471.3	31,489.7	33,457.8	35,547.2	37,998.8
Livestock and Poultry 2/	2,009.7	2,438.3	2,485.8	2,602.2	2,436.7
Machinery and Motor Vehicles 3/	4,851.9	4,854.2	4,853.6	5,036.4	5,087.4
Crops 4/	2,093.2	2,094.1	2,388.0	1,701.6	2,195.5
Purchased Inputs	410.2	327.9	398.7	343.1	458.7
Financial	3,211.6	3,326.7	3,373.7	3,356.7	3,456.5
Total Farm Debt 1/ 5/	8,809.3	8,629.4	8,968.5	9,385.8	9,753.8
Real Estate	4,283.8	4,298.5	4,392.5	4,633.0	4,991.4
By Lender					
Farm Credit System	1,516.8	1,409.2	1,427.0	1,579.0	1,817.5
Farm Service Agency 6/	152.2	140.0	134.5	132.3	125.7
Commercial Banks	1,257.7	1,376.8	1,485.6	1,551.7	1,650.5
Life Insurance Companies	251.3	268.8	252.9	256.4	261.3
Individuals and others	1,105.9	1,103.7	1,092.5	1,113.5	1,136.5
Nonreal Estate 1/	4,525.4	4,330.9	4,576.0	4,752.9	4,762.4
By Lender					
Farm Credit System	1,148.2	984.6	967.2	1,114.6	1,143.9
Farm Service Agency 6/	198.0	185.8	190.4	188.2	180.2
Commercial Banks	2,370.3	2,323.3	2,520.0	2,529.7	2,491.4
Individuals and others	808.9	837.2	898.3	920.4	946.9
Total Farm Equity 1/	34,238.5	35,901.4	37,989.1	39,201.3	41,879.7
			<u>Percent</u>		
Debt/Equity Ratio	25.7	24.0	23.6	23.9	23.3
Debt/Assets Ratio	20.5	19.4	19.1	19.3	18.9

1/ May not add to total due to rounding.

2/ Excludes horses, mules, and broilers.

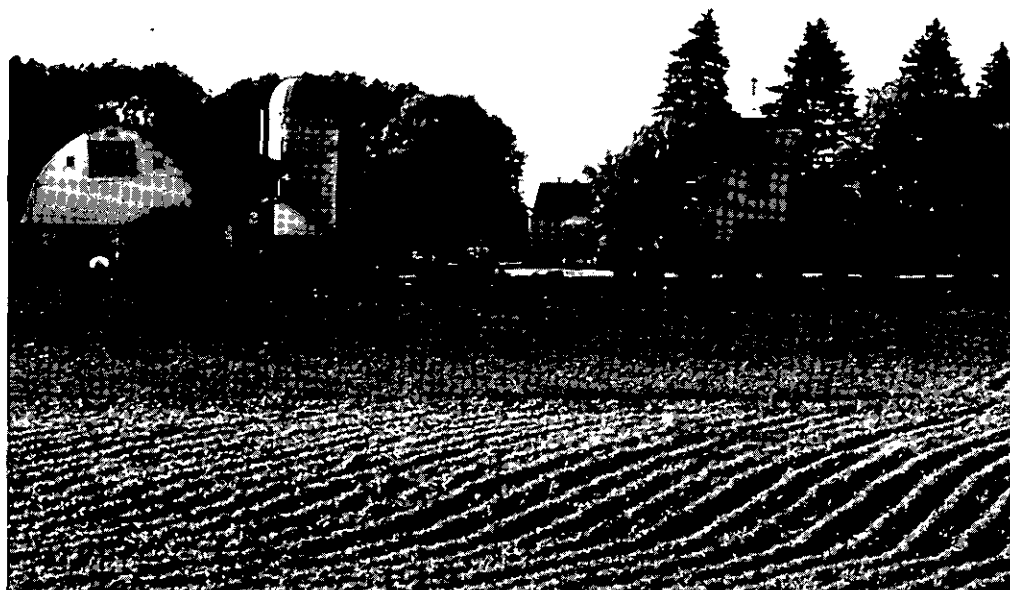
3/ Includes only farm share value for trucks and autos.

4/ All non-CCC crops held on farms plus the value above loan rate for crops held under CCC.

5/ Excludes debt for nonfarm purposes.

6/ Farmers' Home Administration prior to 1994.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.
Internet Web Site (www.ers.usda.gov/data/farmbalancesheet/fbsdmu.htm)



2003 Weather Summary

As a whole, 2003 was a warm and dry year in Minnesota. The year started with a lack of snow. A wet spring and early summer followed for the southern two-thirds of the state. The second half of the year turned dry and the worst drought since 1988 was in full force at the close of the year.

January and February precipitation totals were below normal in most locations. Many communities were nearly devoid of snow cover until modest snowfalls covered the ground during the last week of January. February marked the fourth consecutive month of very light precipitation in the state. Only in parts of the southwest and central Minnesota did precipitation totals top normal. February was cold with temperatures finishing two to seven degrees below normal.

March and April fell short of normal precipitation in many communities. April was wet in the central one third of the state. A small corner in the southwestern area received abundant rain. Pipestone, for instance, received 7 inches of rain for the month. In the central region and far southwest, April precipitation totals exceeded the historical average by more than one inch.

Precipitation totals in May were generally at or above normal across most of the state. The exception was the north central with slightly below normal rainfall. The heaviest rainfall was in the east central area with some sites exceeding six inches for the month.

Rainfall in June varied widely across the state. Monthly precipitation totals topped historical averages by one to six inches over portions of northwestern, west central, central, and east central Minnesota. Elsewhere across the state, rainfall was near to somewhat below normal. June was the last month of the year that received above normal rainfall statewide.

In mid-July a dry spell began. For the rest of the summer, rainfall was below normal in most communities. Very isolated heavy rains led to above normal July precipitation totals for a handful of communities, mainly in northern Minnesota. August rainfall totals across most of the state ranked among the lowest on recent record. August rainfall totals were generally one and one half inches below normal, with many communities reporting less than one inch of precipitation for the month. Precipitation totals in August fell short of the historical average by one and one half to three and one half inches. August temperatures were above normal by two to five degrees.

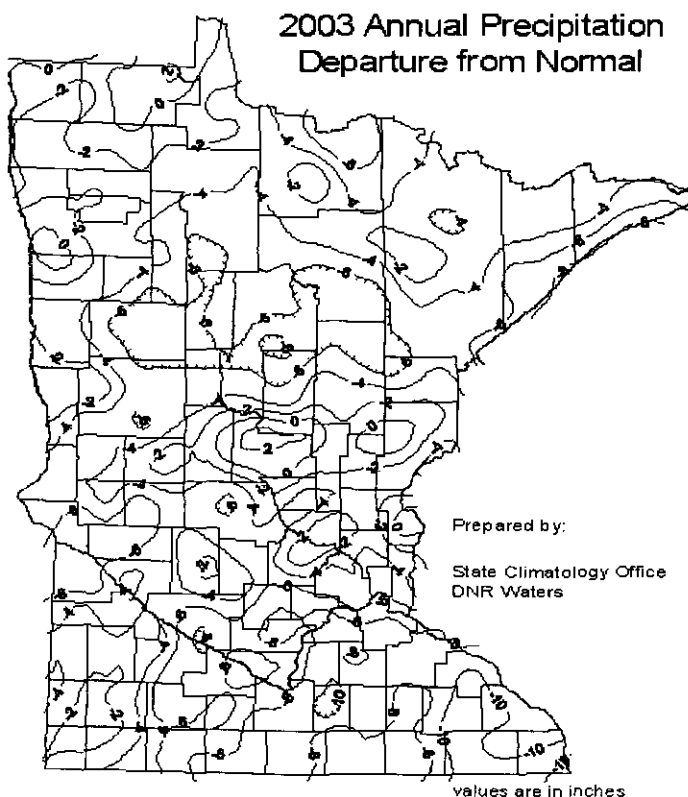
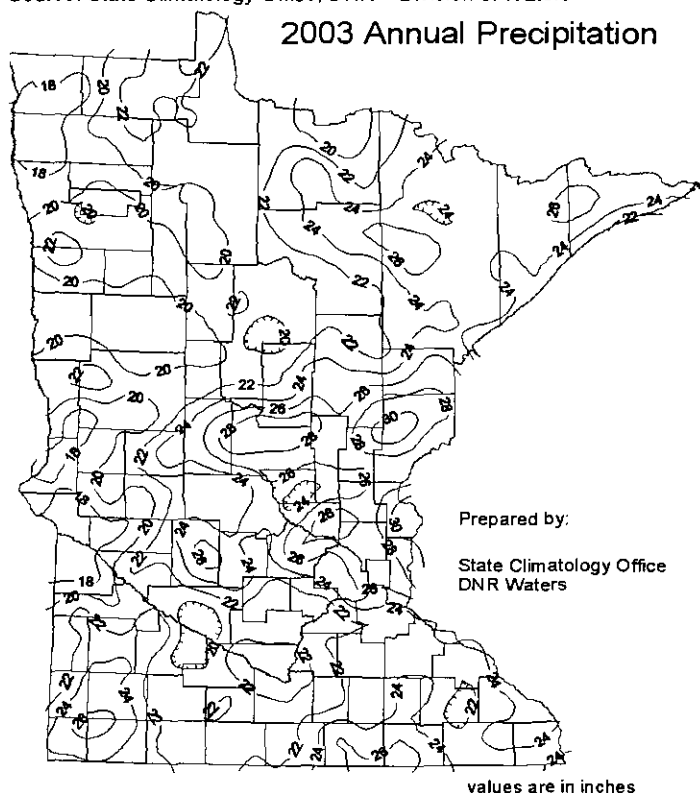
Some relief to the dry spell came with September rainfall in southwestern, northwestern, and northeastern counties. Rainfall there exceeded normal by one to two inches. September precipitation was near normal across the central one third of the state. September rainfall in north central, south central, and southeastern communities fell short of normal by about one inch.

The dry spell, now considered a moderate drought, intensified in October and November with precipitation totals falling short of normal in most counties. Monthly mean temperatures for October were one to four degrees above normal.

Precipitation totals in December fell short of normal by one quarter to one half of an inch in approximately two thirds of the counties. Temperatures for December were warmer than normal. In most communities, monthly average temperatures exceeded the norm by six to ten degrees. 2003 ended with the drought continuing and intensifying statewide.

The accompanying maps show that virtually the entire state finished below normal for the year. This was the first time since 1989 that the state finished below the 25th percentile for annual precipitation.

Source: State Climatology Office, DNR – Division of Waters



MEDIAN FROST DATES: Minnesota, Based on Averages from 1948-92

District and County		Average Date of Last Temperature Occurrence			Average Date of First Temperature Occurrence			Number of Days Between Average Last Spring and First Fall Occurrence of:		
		24°F	28°F	32°F	32°F	28°F	24°F	32°F	28°F	24°F
Northwest										
Norman	Ada	Apr 24	May 06	May 14	Sep 24	Oct 02	Oct 13	133	153	176
Marshall	Argyle	Apr 26	May 09	May 18	Sep 22	Sep 28	Oct 10	126	143	168
Polk	Crookston	Apr 25	May 08	May 16	Sep 23	Sep 29	Oct 13	129	145	170
Becker	Detroit Lakes	May 02	May 10	May 21	Sep 17	Sep 24	Oct 05	116	139	157
Polk	Fosston	Apr 26	May 07	May 17	Sep 21	Sep 28	Oct 16	127	146	173
Kittson	Hallock	Apr 27	May 09	May 19	Sep 23	Oct 02	Oct 10	126	144	165
Clay	Moorhead	Apr 21	May 06	May 13	Sep 24	Oct 04	Oct 15	135	152	178
Red Lake	Red Lake Falls	Apr 20	May 08	May 17	Sep 22	Sep 28	Oct 10	127	141	176
Roseau	Roseau	May 04	May 14	May 25	Sep 16	Sep 25	Oct 07	112	137	159
Roseau	Warroad	Apr 30	May 10	May 21	Sep 23	Sep 28	Oct 12	124	141	165
North Central										
Lake of the Woods	Baudette	Apr 28	May 09	May 22	Sep 22	Sep 28	Oct 13	122	146	164
Beltrami	Bemidji	May 04	May 09	May 22	Sep 22	Sep 27	Oct 15	124	136	164
Koochiching	Big Falls	May 04	May 15	Jun 01	Sep 15	Sep 24	Oct 05	108	135	159
Itasca	Grand Rapids	Apr 27	May 09	May 23	Sep 20	Sep 27	Oct 09	116	141	165
Koochiching	Intl Falls	Apr 29	May 12	May 24	Sep 17	Sep 25	Oct 08	114	138	163
Hubbard	Park Rapids	May 01	May 08	May 19	Sep 20	Sep 27	Oct 07	124	143	162
Northeast										
St. Louis	Babbitt	Apr 28	May 09	May 21	Sep 23	Oct 05	Oct 22	125	153	174
St. Louis	Duluth (Airport)	Apr 24	May 09	May 20	Sep 22	Oct 05	Oct 17	124	154	175
Cook	Grand Marais	Apr 17	May 01	May 15	Sep 30	Oct 19	Oct 30	138	171	194
St. Louis	Hibbing	Apr 28	May 12	May 29	Sep 13	Sep 26	Oct 06	107	137	163
West Central										
Douglas	Alexandria	Apr 13	Apr 24	May 08	Oct 01	Oct 12	Oct 25	146	169	194
Swift	Benson	Apr 13	Apr 29	May 07	Sep 30	Oct 10	Oct 18	146	166	189
Wilkin	Campbell	Apr 20	Apr 29	May 10	Sep 24	Oct 02	Oct 14	136	156	179
Yellow Medicine	Canby	Apr 14	Apr 28	May 08	Oct 01	Oct 10	Oct 21	147	163	189
Otter Tail	Fergus Falls	Apr 16	Apr 30	May 09	Sep 27	Oct 09	Oct 21	143	162	188
Lac Qui Parle	Madison	Apr 14	Apr 29	May 07	Sep 28	Oct 09	Oct 20	144	166	192
Lac Qui Parle	Montevideo	Apr 13	Apr 28	May 07	Sep 30	Oct 10	Oct 21	146	169	192
Stevens	Morris	Apr 14	Apr 29	May 08	Sep 27	Oct 06	Oct 17	143	161	185
Traverse	Wheaton	Apr 15	Apr 28	May 10	Sep 28	Oct 10	Oct 23	143	162	189
Central										
Sibley	Gaylord	Apr 09	Apr 17	Apr 30	Oct 05	Oct 14	Oct 24	159	180	193
Scott	Jordan	Apr 13	Apr 28	May 10	Sep 27	Oct 07	Oct 20	143	164	190
Morrison	Little Falls	Apr 19	May 02	May 12	Sep 24	Oct 03	Oct 17	136	154	181
Stearns	Melrose	Apr 12	Apr 28	May 11	Sep 24	Oct 05	Oct 16	138	160	186
Stearns	St. Cloud	Apr 19	May 01	May 12	Sep 24	Oct 05	Oct 17	138	157	180
Wadena	Wadena	Apr 22	May 16	May 12	Sep 24	Oct 03	Oct 18	137	156	180
Kandiyohi	Willmar	Apr 12	May 05	May 02	Oct 03	Oct 14	Oct 24	154	172	193
East Central										
Aitkin	Aitkin	Apr 23	May 06	May 19	Sep 23	Sep 28	Oct 18	126	149	176
Crow Wing	Brainerd	Apr 22	May 04	May 12	Sep 20	Oct 01	Oct 16	132	151	175
Pine	Hinckley	Apr 22	May 06	May 20	Sep 22	Sep 28	Oct 10	120	147	172
Hennepin	Maple Plain	Apr 13	Apr 25	May 06	Oct 01	Oct 13	Oct 25	153	169	195
Millie Lacs	Milaca	Apr 18	May 01	May 12	Sep 25	Oct 03	Oct 18	137	153	184
Carlton	Moose Lake	May 02	May 16	May 31	Sep 16	Sep 26	Oct 07	109	132	162
Kanabec	Mora	Apr 21	May 05	May 17	Sep 20	Oct 01	Oct 14	125	151	169
Washington	Stillwater	Apr 10	Apr 16	May 02	Oct 07	Oct 16	Nov 02	160	184	207
Southwest										
Redwood	Lamberton	Apr 09	Apr 28	May 06	Sep 29	Oct 07	Oct 15	146	163	188
Rock	Luverne	Apr 16	Apr 29	May 07	Sep 27	Oct 05	Oct 16	142	160	177
Lyon	Marshall	Apr 10	Apr 22	May 05	Oct 04	Oct 15	Oct 24	155	176	196
Pipestone	Pipestone	Apr 23	May 05	May 12	Sep 23	Oct 03	Oct 10	135	151	171
Cottonwood	Windom	Apr 14	Apr 15	May 07	Sep 30	Oct 07	Oct 19	146	167	189
South Central										
Freeborn	Albert Lea	Apr 09	Apr 20	May 02	Oct 05	Oct 18	Oct 31	156	181	201
Martin	Fairmont	Apr 06	Apr 14	May 01	Oct 09	Oct 20	Oct 31	161	189	208
Rice	Faribault	Apr 14	Apr 27	May 10	Sep 29	Oct 11	Oct 24	146	167	193
Brown	New Ulm	Apr 09	Apr 23	May 03	Sep 28	Oct 10	Oct 23	148	170	193
Waseca	Waseca	Apr 12	Apr 23	May 06	Oct 01	Oct 06	Oct 24	149	167	192
Faribault	Winnebago	Apr 09	Apr 19	May 03	Oct 06	Oct 17	Oct 26	158	180	203
Southeast										
Mower	Austin	Apr 12	Apr 29	May 07	Sep 27	Oct 06	Oct 23	144	166	191
Houston	Caledonia	Apr 14	Apr 24	May 06	Sep 29	Oct 11	Oct 26	152	174	192
Dakota	Farmington	Apr 11	Apr 21	May 03	Oct 03	Oct 12	Oct 29	155	178	201
Fillmore	Preston	Apr 21	May 07	May 18	Sep 21	Sep 29	Oct 13	125	148	178
Olmsted	Rochester	Apr 11	Apr 21	May 08	Sep 30	Oct 13	Oct 27	147	174	197
Winona	Winona	Apr 07	Apr 17	Apr 17	Oct 06	Oct 19	Oct 31	163	184	205
Goodhue	Zumbrota	Apr 17	Apr 30	Apr 30	Sep 25	Oct 03	Oct 18	139	157	187

Source: State Climatology Office, DNR - Division of Waters

MONTHLY PRECIPITATION: by Selected Stations and Districts, Minnesota, 2003

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<u>Precipitation (Inches)</u>												
Northwest												
Argyle	.18	.41	.36	1.13	2.96	2.78	2.00	.75	2.55	1.04	.83	.68
Crookston	.14	.25	.86	.75	3.41	5.05	2.77	1.13	3.67	1.48	M.32	.63
Moorhead	M	M	.63	1.85	M	6.12	M	M	M	M	M	M
District Average	.22	.28	.64	1.18	3.06	5.16	1.96	1.14	3.03	1.44	.62	.68
District Normal	.71	.48	.96	1.63	2.52	3.71	3.17	2.96	2.55	1.72	.82	.69
North Central												
Grand Rapids	.19	.21	.68	1.49	3.35	3.25	3.50	1.20	2.52	1.68	1.77	.82
Intl Falls	T	.09	.51	.65	1.44	3.99	3.30	2.36	2.17	1.03	.93	.38
Walker	.12	.18	.92	.52	3.50	4.39	7.41	1.16	1.44	1.30	1.39	.40
District Average	.18	.23	.58	1.28	2.56	4.48	3.55	1.94	2.22	1.43	1.14	.62
District Normal	.78	.52	1.15	1.92	2.83	4.00	3.74	3.51	3.02	2.28	1.12	.83
Northeast												
Duluth	.23	.23	1.03	2.03	3.54	3.47	4.79	2.31	3.52	1.57	1.70	.54
Grand Marais	.12	.15	M.15	2.19	2.38	1.48	3.57	1.82	2.55	1.57	.19	.37
Hibbing	.01	T	.18	.83	2.49	2.95	4.36	2.14	4.44	1.27	.23	.04
District Average	.18	.29	.90	1.80	2.84	3.18	4.40	2.24	4.21	1.70	1.33	.63
District Normal	.98	.66	1.36	2.03	2.93	4.03	3.70	3.81	3.58	2.54	1.56	1.05
West Central												
Canby	.17	1.58	.62	2.80	3.53	3.17	3.33	1.37	2.84	1.00	1.70	.58
Fergus Falls	.49	.07	.23	1.83	4.28	5.83	1.60	.82	1.29	.70	M1.02	.66
Montevideo	M.26	M.60	M.07	2.31	5.35	3.48	2.09	.49	4.92	.83	M.40	M.00
Morris	.35	.26	.44	1.99	3.46	7.24	4.94	.70	2.91	.96	.57	.45
District Average	.29	.50	.37	2.39	3.43	5.62	2.48	.76	2.53	.95	.63	.41
District Normal	.73	.67	1.39	2.22	2.84	3.81	3.31	3.01	2.46	1.99	1.05	.65
Central												
Hutchinson	M.43	M.85	1.04	1.82	M3.29	5.58	2.39	.47	3.55	.55	.76	.47
Olivia	M.22	1.12	.55	1.55	3.71	3.44	2.55	.66	3.16	.68	.67	.60
St. Cloud	.17	.39	1.47	4.73	3.81	3.62	3.43	.69	3.94	1.10	1.05	.28
Willmar	.34	.32	.36	3.15	4.28	8.26	4.51	M.20	2.01	1.06	.78	.30
District Average	.25	.60	.80	3.07	4.16	5.58	3.08	.63	2.83	.95	1.02	.49
District Normal	.79	.70	1.63	2.46	3.22	4.35	3.66	3.66	3.01	2.27	1.36	.86
East Central												
Aitkin	.10	.24	.72	4.03	3.23	6.70	4.31	M	2.87	1.22	1.97	.45
Cambridge	M	M	M	M	M	M	M	M	M	M	M	M
MSP-Airport	.22	.54	1.44	2.40	6.14	4.66	2.05	1.12	2.20	.62	.72	.62
District Average	.20	.48	1.22	2.82	5.17	6.15	3.28	.87	3.04	1.23	.99	.62
District Normal	.88	.69	1.62	2.33	3.31	4.31	3.88	3.83	3.35	2.46	1.52	1.04
Southwest												
Lamberton	M.20	M.53	.90	1.91	2.93	5.34	1.62	1.34	3.59	M.15	.65	.58
Marshall	M.47	M1.22	M.37	3.68	3.49	2.88	3.17	.59	4.17	.83	1.63	1.37
Pipestone	.45	.54	.43	7.64	2.74	4.08	1.79	1.67	4.29	1.09	M.59	M.56
Redwood Falls	M.28	1.08	.61	2.12	4.07	2.45	3.03	1.61	3.07	.56	.71	.48
Windom	.41	.62	M.90	2.65	4.19	4.40	3.06	2.36	2.63	.59	.89	M1.11
District Average	.31	.68	.68	3.72	3.66	4.13	2.37	1.43	3.98	.68	.74	.76
District Normal	.58	.68	1.70	2.56	3.18	3.78	3.73	2.95	3.08	2.04	1.28	.76
South Central												
Fairmont	.27	M.36	2.23	M	3.14	4.08	1.84	1.48	2.70	.34	.72	.70
Faribault	.35	.77	1.77	2.19	4.74	4.24	2.42	1.65	1.56	.79	M1.09	1.17
Mankato	.37	.63	2.09	2.13	4.11	2.69	4.14	1.45	2.61	.67	.81	.79
Waseca	.38	.64	2.18	1.83	3.54	3.85	3.17	1.72	1.73	.69	M1.19	1.28
District Average	.29	.66	1.96	1.89	4.34	4.10	3.24	1.78	2.12	.57	1.00	.94
District Normal	.77	.78	1.89	2.80	3.48	4.01	4.08	3.79	3.24	2.26	1.50	1.04
Southeast												
Austin	.25	.67	2.34	2.33	5.41	5.46	5.01	1.21	2.29	M.39	1.43	.77
Caledonia	.61	.68	1.94	2.87	4.37	3.05	3.32	1.73	2.75	.60	3.26	.85
Rochester	.31	.65	2.28	2.57	4.65	4.74	3.39	.34	1.58	.52	.99	1.35
Winona	.42	.84	M2.57	2.64	5.00	3.30	2.79	.38	3.14	.67	M2.64	1.23
District Average	.39	.64	1.99	2.54	5.31	3.67	2.92	.96	2.22	.75	1.72	1.02
District Normal	.96	.86	1.96	2.91	3.72	4.03	4.19	3.98	3.77	2.49	1.75	1.23

M = Missing, insufficient, or partial data

T = Trace, too small to measure

Source: National Oceanic and Atmospheric Administration, U.S. Department of Commerce

CROPS: Average Completion Dates for Planting and Harvesting, Minnesota, 1999-2003

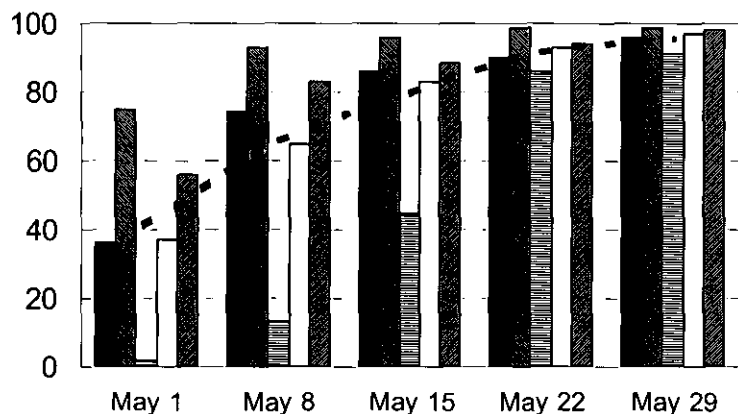
Crop and Year	Date Planting Completed					Date Harvesting Completed				
	Percent					Percent				
	10	25	50	75	90	10	25	50	75	90
Corn										
2003	Apr 23	Apr 27	May 01	May 04	May 17	Sep 28	Oct 08	Oct 15	Oct 21	Oct 26
2002	Apr 24	Apr 29	May 04	May 11	May 19	Oct 07	Oct 17	Oct 27	Nov 05	Nov 14
1999-2003	Apr 24	Apr 28	May 03	May 13	May 20	Oct 03	Oct 10	Oct 19	Oct 27	Nov 04
Soybeans										
2003	May 03	May 12	May 21	May 27	Jun 01	Sep 21	Sep 26	Oct 02	Oct 08	Oct 13
2002	May 07	May 13	May 19	May 25	May 31	Sep 23	Sep 29	Oct 14	Oct 20	Nov 01
1999-2003	May 03	May 10	May 19	May 28	Jun 04	Sep 22	Sep 28	Oct 04	Oct 12	Oct 20
Spring Wheat										
2003	Apr 15	Apr 19	Apr 29	May 04	May 12	Aug 02	Aug 07	Aug 14	Aug 21	Aug 26
2002	Apr 29	May 05	May 16	May 23	May 26	Aug 03	Aug 09	Aug 19	Aug 30	Sep 08
1999-2003	Apr 19	Apr 28	May 06	May 19	May 28	Aug 03	Aug 09	Aug 17	Aug 25	Sep 04
Oats										
2003	Apr 16	Apr 21	Apr 28	May 03	May 12	Jul 26	Jul 30	Aug 06	Aug 13	Aug 19
2002	Apr 15	Apr 24	May 02	May 12	May 23	Jul 23	Jul 30	Aug 08	Aug 17	Aug 27
1999-2003	Apr 13	Apr 23	May 02	May 11	May 22	Jul 25	Aug 01	Aug 07	Aug 15	Aug 24
Barley										
2003	Apr 18	Apr 28	May 02	May 08	May 13	Jul 30	Aug 05	Aug 10	Aug 16	Aug 21
2002	Apr 26	May 04	May 18	May 24	May 28	Aug 04	Aug 08	Aug 19	Aug 25	Sep 03
1999-2003	Apr 24	Apr 30	May 09	May 21	May 30	Jul 31	Aug 06	Aug 13	Aug 22	Sep 01
Potatoes										
2003	Apr 23	Apr 27	May 03	May 16	Jun 01	Aug 15	Aug 23	Sep 22	Oct 04	Oct 15
2002	Apr 22	May 01	May 10	May 22	May 31	Aug 24	Sep 10	Sep 27	Oct 13	Oct 23
1999-2003	Apr 24	Apr 30	May 10	May 25	Jun 04	Aug 23	Sep 11	Sep 26	Oct 08	Oct 17
Sunflowers										
2003	May 08	May 14	May 25	Jun 02	Jun 06	Oct 06	Oct 10	Oct 16	Oct 22	Oct 28
2002	May 20	May 24	May 29	Jun 01	Jun 06	Oct 05	Oct 17	Oct 29	Nov 08	Nov 19
1999-2003	May 11	May 18	May 28	Jun 06	Jun 12	Oct 06	Oct 11	Oct 21	Oct 29	Nov 08
Alfalfa Hay 1/										
2003						May 28	Jun 02	Jun 09	Jun 18	Jun 28
2002						Jun 03	Jun 10	Jun 17	Jun 25	Jul 07
1999-2003						May 27	Jun 02	Jun 10	Jun 20	Jun 30
Sweet Corn										
2003	May 01	May 16	May 27	Jun 08	Jun 20	Aug 06	Aug 13	Aug 26	Sep 09	Sep 19
2002	May 03	May 13	May 24	Jun 09	Jun 22	Aug 04	Aug 10	Aug 23	Sep 10	Sep 20
1999-2003	May 02	May 11	May 23	Jun 06	Jun 19	Aug 04	Aug 12	Aug 23	Sep 06	Sep 18
Dry Beans										
2003	May 10	May 15	May 24	Jun 03	Jun 07	Sep 03	Sep 07	Sep 15	Sep 29	Oct 08
2002	May 15	May 21	May 27	Jun 01	Jun 07	Sep 02	Sep 14	Sep 22	Oct 08	Oct 13
1999-2003	May 11	May 17	May 26	Jun 03	Jun 09	Sep 04	Sep 11	Sep 23	Oct 04	Oct 12
Sugarbeets										
2003	Apr 16	Apr 20	Apr 29	May 03	May 13	Sep 25	Oct 01	Oct 05	Oct 13	Oct 17
2002	Apr 23	Apr 29	May 03	May 14	May 22	Sep 30	Oct 03	Oct 08	Oct 13	Oct 21
1999-2003	Apr 21	Apr 26	May 01	May 13	May 22	Sep 27	Oct 02	Oct 07	Oct 13	Oct 17

1/ First Cutting.

PLANTING & HARVESTING PROGRESS OF MINNESOTA'S MAJOR CROPS, 1999-2003

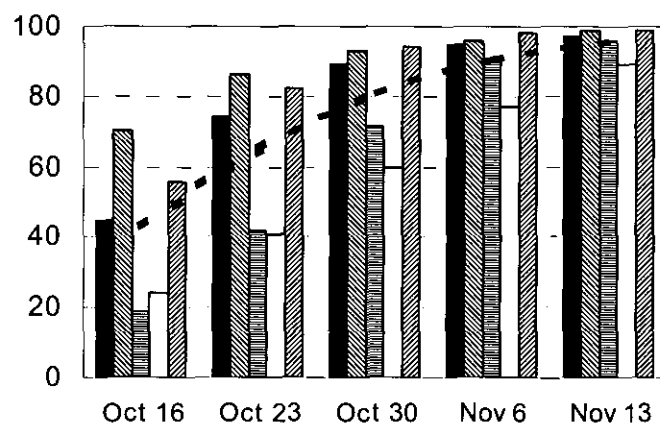
PLANTING PROGRESS

% Planted CORN

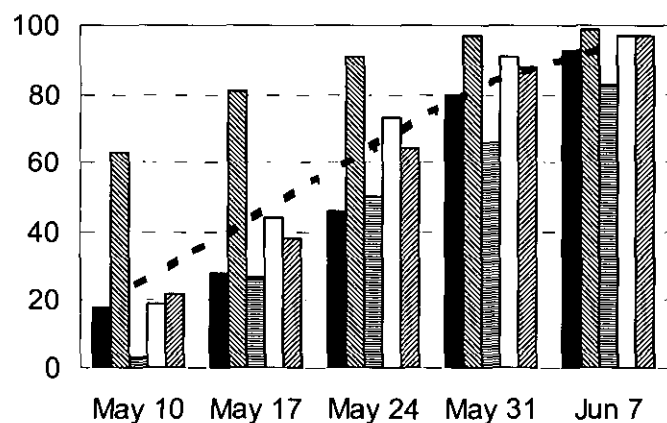


HARVESTING PROGRESS

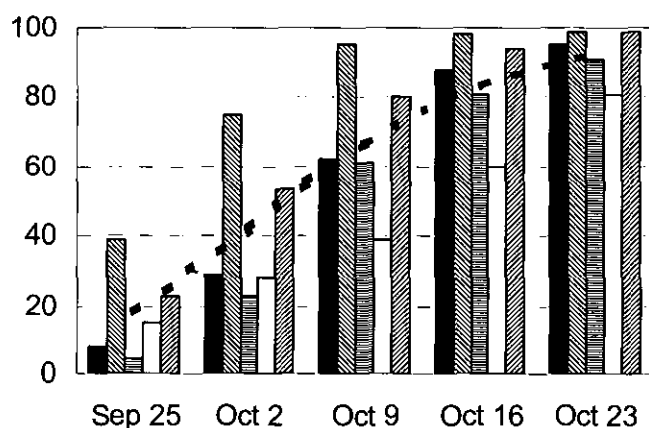
% Harvested CORN



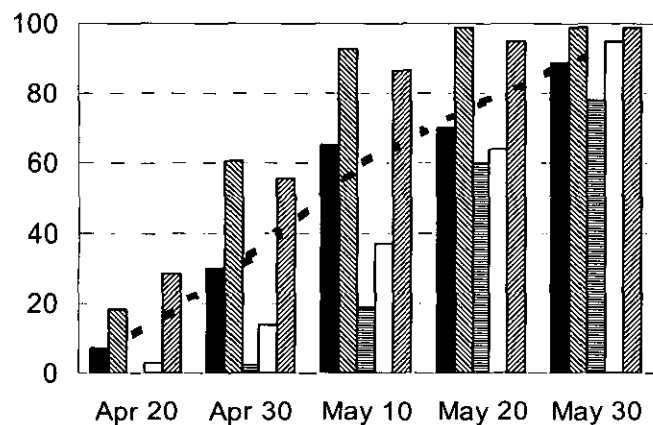
% Planted SOYBEANS



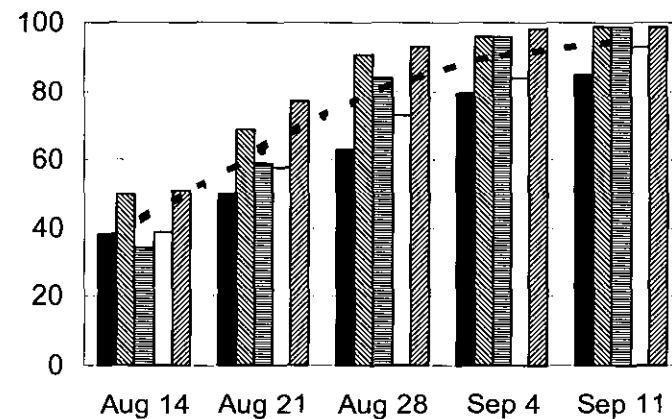
% Harvested SOYBEANS



% Planted SPRING WHEAT



% Harvested SPRING WHEAT



2003 CROP SUMMARY

Minnesota was on the receiving end of a cold winter in 2003. During January, the state had a lack of snowfall, combined with extreme cold temperatures, raised concerns about alfalfa conditions. February brought more extremely cold temperatures which caused pipes and septic tanks to freeze in some areas. Livestock conditions were adequate as well as feed supplies.

Temperatures early in March were the same as in previous months, but the second half of the month brought warmer weather and preparation for the upcoming growing season. Producers had some concerns about soil loss due to wind erosion. Feed supplies continued to be sufficient.

Weather conditions in April varied from week to week. The state received warm temperatures one week and cold, wet conditions the next. Full scale fieldwork began around the 22nd. Topsoil and subsoil moisture conditions were good throughout most of the state. Small grain plantings were ahead of the five year averages.

May was a very wet month. Field crops were in good condition and development continued to be ahead of the five year average for most items. Temperatures were below normal throughout the month, but topsoil moisture increased tremendously from the previous month.

Warm dry weather during the majority of June allowed producers to spray crops and helped advance grain development throughout the state, but storm systems halted fieldwork in the last week of the month. Flooding occurred in several parts of the state. Tornadoes, hail, and straight-line winds caused localized damage in some places throughout Central Minnesota.

During July, weather and crop progress varied across the entire state. Below average temperatures prevailed during the majority of the month. Heavy rains were also abundant within the state. Flooding and hail damage was widespread in Central and Southern areas of the state. Hay quality became a concern due to standing water in fields.

Crops became stressed due to above average temperatures and dry conditions in August. Aphids were a problem in a number of soybean fields in the South Central district and corn development lagged behind the five year averages across the state. Topsoil moisture conditions were subpar as were crop conditions.

Continued hot, dry weather in September caused corn and soybeans to mature very quickly. The lack of topsoil moisture throughout the state allowed sink holes and large cracks to begin forming across the Central region of the state. Scattered showers were received in parts of the state around the end of the month, but they were too late to aid the crop conditions for 2003.

Producers did not have any problems with harvest activities in October. Temperatures remained above normal and conditions were very dry. All crops harvested surpassed their five year averages.

By November, very few fields remained unharvested. Producers were applying fertilizers and fall tillage was moving along smoothly.

The following is a rundown on the production of Minnesota's major crops for 2003:

Minnesota's 2003 **CORN** production at 970.9 million bushels was down 8 percent from the record high production set in 2002. A yield at 146.0 bushels per acre was down 11 bushels from the record high in 2002.

SOYBEAN production was estimated at 229.4 million bushels, down 26 percent from the record high production set in 2002. The final yield was 31.0 bushels per acre, which was down 12.5 from the record high in 2002. Soybean planted acres of 7.5 million were a new record high, up 300,000 acres from the record high in 2000 and 2001.

SPRING WHEAT production was estimated at 104.4 million bushels, up 71 percent from 2002 and the highest since 1996. Acres harvested for grain was 1.8 million acres, unchanged from last year. Yield was a new record high, at 58.0 bushels per acre, up 3 bushels from the previous record yield set in 1985.

The **SUGARBEET** production of 10.0 million tons was a record high, up 3 percent from the previous high production set in 1998 and up 13 percent from 2002. Yield was estimated at 20.6 tons per acre, down 0.9 from the record high set in 2000. Sugarbeet harvested acres were 487,000 acres, up 11,000 from a year ago.

CROPS: Record Highs, Minnesota and United States

Crop	Plantings		Yield Per Acre		Production	
	<u>1,000 Acres</u>	<u>Year</u>	<u>Unit</u>	<u>Year</u>	<u>1,000 Units</u>	<u>Year</u>
Corn						
Minnesota	7,700	1981	157.0 Bu.	2002	1,051,900 Bu.	2002
United States	113,024	1932	142.2 Bu.	2003	10,113,887 Bu.	2003
Soybeans						
Minnesota	7,500	2003	43.5 Bu.	2002	308,850 Bu.	2002
United States	74,226	2000	41.4 Bu.	1994	2,890,572 Bu.	2001
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/		41.8 Bu.	1992	757,608 Bu.	1992
Barley						
Minnesota	2,380	1935	75.0 Bu.	1992 & 2003	70,950 Bu.	1985
United States	19,686	1942	62.5 Bu.	1992	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	159,707 Tons	1999
All Potatoes						
Minnesota	486 3/	1922	385 Cwt.	2003	26,244 Cwt.	1922
United States	3,901 3/	1922	381 Cwt.	2000	513,621 Cwt.	2000
Dry Beans						
Minnesota	205	1999	1,710 Lbs.	1994	2,558 Cwt.	1997 & 1999
United States	2,599	1943	1,763 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

	STOCKS: Record Highs		PRICES: Record Highs and Lows	
Crop	On-Farm	Off-Farm	High Monthly Average Price since 1983	Low Monthly Average Price since 1983
	<u>1,000 Bushels</u>		<u>Dollars per Bushel</u>	
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	\$8.38 July 1988	\$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 October 1, 1985	45,258 September 1, 1988	\$3.18 June 1996	\$1.10 August 1986
Oats	208,670 October 1, 1945	78,566 October 1, 1971	\$2.93 July 1988	\$0.82 August 1986

CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 1999-2003

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 -----		Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1999	7,100	6,600	150.0	990,000	1.60	1,584,000
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
Corn for Silage						
	----- 1,000 Acres -----		Tons	1,000 Tons		
1999	--	425	16.0	6,800	--	--
2000	--	475	16.0	7,600	--	--
2001	--	500	14.0	7,000	--	--
2002	--	400	17.0	6,800	--	--
2003	--	475	14.0	6,650	--	--
Soybeans						
	----- 1,000 Acres -----		Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1999	7,000	6,900	42.0	289,800	4.42	1,280,916
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	7,400	31.0	229,400	7.00	1,605,800
Oats						
	----- 1,000 Acres -----		Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1999	360	300	59.0	17,700	0.97	17,169
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	1.30	24,460
Barley						
	----- 1,000 Acres -----		Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1999	200	180	47.0	8,460	1.54	13,028
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	2.45	31,238
Rye						
	----- 1,000 Acres -----		Bushels	1,000 Bushels	Dols. Per Bu.	1,000 Dols.
1999 3/	30	25	31.0	775	1.31	1,015

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; and July-June for oats, barley, and rye. 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".

3/ Estimates for Minnesota discontinued after the 1999 crop year.

--continued

CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 1999-2003 (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>
1999	2,045	1,990	39.8	79,210	2.87	227,331
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	3.70	390,276
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>
1999	2,000	1,950	40.0	78,000	2.88	224,640
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	3.70	386,280
Durum Wheat						
	-- 1,000 Acres --		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1999	5	5	32.0	160	2.38	381
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	4.05	470
Winter Wheat						
	--- 1,000 Acres ---		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1999	40	35	30.0	1,050	2.20	2,310
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	3.65	3,526
Flaxseed						
	--- 1,000 Acres ---		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1999	13	12	25.0	300	3.91	1,173
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	6.60	1,063
Sugarbeets						
	----- 1,000 Acres -----		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton 2/</u>	<u>1,000 Dols. 2/</u>
1999	480	470	20.1	9,447	36.70	346,705
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	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.

--continued

CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 1999-2003 (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 -----		Pounds	1,000 Lbs.	Dols. Per Cwt.	1,000 Dols.
1999	130	120	1,360	163,250	9.34	14,027
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	20,015
Oil Sunflowers						
	--- 1,000 Acres ---		Pounds	1,000 Lbs.	Dols. Per Cwt.	1,000 Dols.
1999	80	77	1,450	111,650	6.74	7,525
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	13.00	11,583
Non-Oil Sunflowers						
	--- 1,000 Acres ---		Pounds	1,000 Lbs.	Dols. Per Cwt.	1,000 Dols.
1999	50	43	1,200	51,600	12.60	6,502
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
Canola						
	----- 1,000 Acres -----		Pounds	1,000 Lbs.	Dols. Per Cwt.	1,000 Dols.
1999	105	100	1,300	130,000	NA	NA
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
All Hay						
	----- 1,000 Acres -----		Tons	1,000 Tons	Dols. Per Ton	1,000 Dols.
1999	-- 2,450		2.91	7,130	60.00	433,340
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	66.00	351,853
Alfalfa Hay						
	----- 1,000 Acres -----		Tons	1,000 Tons	Dols. Per Ton	1,000 Dols.
1999	-- 1,600		3.50	5,600	67.00	375,200
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	70.50	290,813
All Other Hay						
	----- 1,000 Acres -----		Tons	1,000 Tons	Dols. Per Ton	1,000 Dols.
1999	-- 850		1.80	1,530	38.00	58,140
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	54.50	61,040

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

--continued

CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 1999-2003 (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.
1999	205,000	165,000	1,550	2,558	17.30	44,253
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	19.50	36,465
Navy						
	----- Acres -----		Pounds	1,000 Cwt.		
1999	80,000	64,000	1,560	998	--	--
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		
Pinto						
	----- Acres -----		Pounds	1,000 Cwt.		
1999	38,000	24,000	1,430	343	--	--
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	1,640	329		
Light Red Kidney						
	----- Acres -----		Pounds	1,000 Cwt.		
1999	11,000	10,500	1,700	178	--	--
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		
Dark Red Kidney						
	----- Acres -----		Pounds	1,000 Cwt.		
1999	38,000	36,000	1,660	597	--	--
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		
Other Dry Edible Beans						
	----- Acres -----		Pounds	1,000 Cwt.		
1999	38,000	30,500	1,450	442	--	--
2000	18,000	16,400	1,390	228	--	--
2001	14,800	12,300	1,270	156	--	--
2002	28,400	25,600	1,440	370	--	--
2003	21,000	19,600	1,580	309		

1/ Marketing year average price received by farmers is based on monthly prices weighted by monthly marketings. Market 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, 1999-2003 (continued)

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

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
1999	127,400	125,700	6.40	804,270	69.00	55,483
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

Green Peas for Processing

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
1999	91,100	81,400	1.51	122,840	344.00	42,258
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

Onions

	----- Acres -----		Cwt.	1,000 Cwt.	Dols. Per Cwt.	1,000 Dols. 3/
1999	480	420	280	118	6.00	228
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

Carrots for Processing

	----- Acres -----		Tons	Tons	Dols. Per Ton 2/	1,000 Dols.
1999	1,100	1,000	18.00	18,000	65.00	1,170
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

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

			Mil. Lbs.	Cents Per Lb.	1,000 Dols.
1999	--	--	18.3	41.4	7,578
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	8,623

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.

--continued

CROPS: Acreage, Yield, Production, Price and Value, Minnesota, 1999-2004 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
All Potatoes						
	----- Acres -----		Cwt.	1,000 Cwt.	Dols. per Cwt.	1,000 Dols.
1999	70,000	53,000	340	18,020	6.15	110,823
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	6.15	115,005
2003	60,000	58,000	385	22,330	5.40	120,582

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, 1999-2004

Marketing Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1
	1,000 Cwt.					
1999/2000	10,600	9,000	7,500	6,200	4,700	3,200
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	4,300
2003/2004	14,000	12,400	11,100	9,600	7,600	5,500

**GRAIN STORAGE: Capacity by Storage Position on December 1, Minnesota, 1997-2003**

Year	Off Farm 1/		On Farm Capacity	Total Capacity
	Facilities	Capacity		
	Number	-----	1,000 Bushels	-----
1997	692	482,890	1,200,000	1,682,890
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	1,200,000	1,710,000

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

OBJECTIVE YIELD: Corn, Soybeans, and Spring Wheat, Minnesota, 1999-2003

The Minnesota Agricultural Statistics Service 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	1999	2000	2001	2002	2003
	<u>Number of Plants</u>				
September	26,750	27,500	28,050	26,950	28,700
November 2/	26,800	27,150	28,000	26,800	28,800

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>
1999	162	0.0	63.5	19.8	4.3	9.3	3.1	30.6
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

SOYBEANS: Pods with Beans per 18 Square Feet 1/

Month	1999	2000	2001	2002	2003
	<u>Number of Pods</u>				
September	1,612	1,607	1,492	1,688	1,582
November	1,563	1,507	1,475	1,739	1,440
Final	1,565	1,507	1,475	1,715	1,440

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>
1999	100	22.1	26.1	12.1	33.7	6.0	20.4
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

SPRING WHEAT: Heads per Square Foot 1/

Month	1999	2000	2001	2002	2003
	<u>Number of Heads</u>				
September	49.0	52.5	49.2	5/	5/
Final	49.4	52.5	49.1	50.6	55.9

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.

FLORICULTURE: Flowering, Bedding, and Foliage Plants, Minnesota, 2002-03 1/ 2/ 3/

Item	Producers		Total Quantity Sold			Value of All Sales at Wholesale	
	2002	2003	Units	2002	2003	2002	2003
	--- Number ---			---1,000 Units---		----- 1,000 Dollars -----	
Flowering Potted Plants	--	--		--	--	11,380	9,759
African Violets	6	7	Pots	27	34	70	79
Azaleas, Finished Florist	17	16	Pots	152	126	1,170	1,031
Chrysanthemums, Florist	13	13	Pots	232	159	1,052	687
Lilies, Easter	19	21	Pots	177	161	915	836
Poinsettias	40	41	Pots	736	733	4,108	4,218
Roses, Potted Flowering	4	5	Pots	18	26	79	156
Spring Flowering Bulbs	13	18	Pots	149	159	689	693
Other	23	16	Pots	584	379	2,760	1,607
Bedding/Garden Plants (Annual)	--	--		--	--	37,832	44,575
Flats							
Begonias	71	71	Flats	66	67	659	651
Geraniums, from Cuttings	7	8	Flats	31	19	266	174
Geraniums, from Seed	11	12	Flats	24	26	222	252
Impatiens	79	82	Flats	230	244	2,337	2,574
Impatiens, New Guinea	14	9	Flats	35	23	306	192
Marigolds	80	82	Flats	110	126	1,021	1,217
Pansy/Viola	79	79	Flats	98	112	995	1,196
Petunias	82	82	Flats	230	251	2,300	2,678
Vegetable Type	74	75	Flats	134	136	1,292	1,331
Other	76	79	Flats	503	657	5,095	6,866
Pots							
Begonias	67	65	Pots	282	320	561	666
Geraniums, from Cuttings	93	88	Pots	1,947	1839	4,202	5,048
Geraniums, from Seed	31	31	Pots	1,187	1211	1,072	1,009
Impatiens	44	41	Pots	197	217	400	475
Impatiens, New Guinea	91	87	Pots	503	516	1,064	1,181
Marigolds	25	22	Pots	88	61	107	94
Pansy/Viola	31	32	Pots	67	75	168	263
Petunias	45	56	Pots	264	400	424	728
Vegetable Type	66	64	Pots	809	1,094	713	1,121
Other	64	69	Pots	2,419	3,368	5,094	6,721
Hanging Baskets							
Begonias	68	71	Baskets	66	84	558	667
Geraniums, from Cuttings	83	79	Baskets	195	206	1,911	1,825
Geraniums, from Seed	5	5	Baskets	2	3	20	28
Impatiens	75	79	Baskets	119	120	950	972
Impatiens, New Guinea	77	72	Baskets	106	101	951	855
Pansy/Viola	17	12	Baskets	13	15	100	100
Petunias	69	74	Baskets	94	132	821	1,034
Other	71	72	Baskets	517	563	4,183	4,617
Herbaceous Perennials	--	--		--	--	12,613	14,169
Chrysanthemums, Hardy/Garden	67	67	Pots	619	784	1,608	1,955
Hostas	73	78	Pots	453	439	1,643	1,767
Other	77	80	Pots	3,395	3,615	9,362	10,477
Foliage	--	--		--	--	1,229	1,218
Hanging Baskets	17	22	Baskets	100	87	649	572
Potted	6	10	Sq Feet	--	--	580	646
Cut Flowers	--	--		--	--	5,538	5,263
Alstroemeria	3	3	Stems	1185	1,360	892	889
Chrysanthemums, Pompom	2	2	Bunches	9	9	26	27
Gerbera Daisies	2	2	Stems	221	204	166	167
Gladioli	1	1	Spikes	20	10	6	3
Iris	3	2	Stems	110	18	61	11
Lilies, All	7	5	Stems	497	342	575	546
Lisianthus	1	1	Stems	36	18	26	18
Orchids	1	--	Blooms	1	--	1	--
Roses	2	2	Stems	3,820	3,560	2,819	2,773
Snapdragons	4	3	Spikes	270	301	180	190
Tulips	4	4	Stems	1,117	1,173	531	556
Other	7	5		--	--	255	83

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.

2003 CORN CHEMICAL USAGE

Nitrogen was applied to 96 percent of the total 2003 corn planted acreage in the Program States: Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Pennsylvania, South Dakota, Texas, and Wisconsin. Corn growers used an average of 1.7 applications per acre while applying 78 pounds of nitrogen per treatment. This computes to a crop year rate per acre of 136 pounds per acre. In the Program States, 79 percent of the corn planted acreage received a phosphate application, while potash was applied to 64 percent of the planted acreage.

Herbicides were applied to 95 percent of the corn-planted acreage in 2003, in the Program States. Atrazine continued to be the most widely applied herbicide with 68 percent of the planted acreage being treated. It was applied at a rate of 1.04 pounds per acre. Acetochlor, at 26 percent of the planted acres treated, was the second most widely applied herbicide, followed by glyphosate and S-metolachlor, both applied to 19 percent of the planted corn acreage treated in the Program States.

In 2003, 29 percent of the corn planted acreage was treated with insecticides in the Program States. Cyfluthrin and tebupiriphos were the most widely applied insecticides, both applied to 7 percent of the acres planted to corn in the States surveyed.

CORN: Acreage, Percent Receiving Chemicals, Number of Applications, Rates per Application, Selected States, 2003

State	Area Planted 1,000 Acres	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/
		Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
IA	12,400	93	1.4	94	59	1.0	61	65	1.0	80	96	14
MN	7,200	95	1.6	74	89	1.0	44	73	1.0	64	95	13
WI	3,750	99	1.8	55	90	1.0	38	89	1.1	61	98	22
Total 2/	72,770	96	1.7	78	79	1.1	53	64	1.0	78	95	29

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

2/ Refers to 18 major corn states including: CO, IL, IN, IA, KS, KY, MI, MN, MO, NE, NY, NC, ND, OH, PA, SD, TX and WI.

CORN: Frequency and Extent of Chemical Usage by Active Ingredient, Minnesota, 2003 1/

Active Ingredient	Area Applied 2/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Pounds	Pounds	1,000 Pounds
Herbicides					
Acetochlor	30	1.0	1.73	1.73	3,683
Atrazine	45	1.0	0.63	0.64	2,112
Bromoxynil	3	1.0	0.31	0.31	63
Clopyralid	8	1.0	0.10	0.10	54
Dicamba	11	1.0	0.26	0.26	210
Dicamba, Dimet. salt	4	1.0	0.09	0.09	24
Dicamba, Pot. salt	8	1.0	0.34	0.34	183
Diffenazopyr-sodium	4	1.0	0.04	0.04	13
Dimethenamid-P	5	1.0	0.08	0.08	30
Flumetsulam	8	1.0	0.04	0.04	20
Glufosinate-ammonium	9	1.0	0.27	0.29	198
Glyphosate	22	1.2	0.72	0.91	1,427
Mesotrione	18	1.0	0.11	0.11	144
Metolachlor	3	1.0	2.13	2.13	392
Nicosulfuron	21	1.0	0.02	0.02	30
Primisulfuron	4	1.0	0.02	0.02	5
Rimsulfuron	17	1.0	0.01	0.01	12
S-Metolachlor	12	1.0	1.93	1.93	1,682
Insecticides					
Chlorpyrifos	3	1.0	1.17	1.17	214

1/ Planted acres in 2003 for Minnesota were 7.20 million acres.

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

2003 BARLEY CHEMICAL USAGE

Nitrogen was applied to 93 percent of the 2003 barley planted acreage in the following Program States: California, Idaho, Minnesota, Montana, North Dakota, Pennsylvania, South Dakota, Utah, Washington, Wisconsin, and Wyoming. Nitrogen applications ranged from 37 percent of the acres treated in Wisconsin to 99 percent in Washington. Barley growers used an average of 1.4 applications per acre while applying 40 pounds of nitrogen per treatment. This computes to a crop year rate per acre of 60 pounds. In the Program States, 79 percent of the acres of barley planted received a phosphate application, while potash was applied to 29 percent of the acreage planted to barley.

Herbicides were applied to 93 percent of the barley planted acreage in 2003. MCPA was the most widely applied herbicide with 45 percent of the planted acreage being treated. It was applied at a rate of 0.32 pounds per acre. The next three most widely applied herbicides for barley, namely 2, 4-D, bromoxynil, and fenoxaprop, were applied to 30, 29, and 28 percent, respectively, of the planted barley acreage.

In 2003, 3 percent of the barley planted acreage was treated with insecticides. The insecticides applied to barley were all put on less than one percent of the planted acres; therefore, no area applied values were published. Based on total pounds applied, methyl parathion at 9,000 pounds, was the most widely used insecticide on barley acres planted in the Program States. Fungicides were applied to 7 percent of the barley planted acreage in the States in the survey program.

**BARLEY: Acreage, Percent Receiving Chemicals,
Number of Applications, Rates per Application, Selected States, 2003**

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	190	91	1.4	45	87	1.0	32	66	1.0	32	89	8
ND	2,050	98	1.7	33	91	1.0	27	20	1.0	10	98	4
SD	75	82	1.2	32	78	1.1	29	13	1.0	18	86	2/
WI	55	37	1.0	24	36	1.0	33	44	1.0	74	21	2/
Total 3/	4,850	93	1.4	40	79	1.0	29	29	1.0	20	93	3

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

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

3/ Refers to eleven major barley states including: CA, ID, MN, MT, ND, PA, SD, UT, WA, WI and WY.

**BARLEY: Frequency and Extent of Chemical Usage
By Active Ingredient, Minnesota, 2003 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					
2,4-D	23	1.0	0.52	0.52	22
Bromoxynil	30	1.0	0.23	0.24	14
Bromoxynil octanoate	16	1.0	0.27	0.27	8
Fenoxaprop	43	1.0	0.06	0.06	5
Fluroxypyr	10	1.0	0.11	0.11	2
MCPA	63	1.0	0.29	0.29	35
Thifensulfuron	16	1.0	0.02	0.02	1
Tribenuron-methyl	6	1.0	0.005	0.005	3/
Insecticides					
Methyl parathion	5	1.3	0.12	0.16	1
Fungicides					
Propiconazole	19	1.1	0.06	0.07	3
Pyraclostrobin	5	1.0	0.05	0.05	1
Tebuconazole	14	1.0	0.11	0.11	3

1/ Planted acres in 2003 for Minnesota were 190,000 acres.

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

3/ Total applied is less than 500 lbs.

2003 FALL POTATOES CHEMICAL USAGE

The 10 survey states totaled 1.0 million planted acres in 2003. Nitrogen was applied to 100% of the fall potato acreage in the ten Program States which includes Colorado, Idaho, Maine, Michigan, Minnesota, North Dakota, Oregon, Pennsylvania, Washington, and Wisconsin. Nitrogen applications averaged 4.0 per acre. Phosphate was applied to 94% of the fall potato acreage and potash was applied to 88% in the States surveyed.

Herbicides were applied to 91 percent of the fall potato acreage in 2003 in the ten Program States. Metribuzin was the most widely applied herbicide, applied to 69 percent of the planted acreage being treated. Insecticide applications were reported on 84% of the total fall potato planted acreage, while fungicide applications were reported on 91%.

FALL POTATOES: Acreage, Percent Receiving Chemicals, Number of Applications, Rates per Application, Major States, 2003

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	60	100	2.2	65	94	1.1	74	92	1.3	113	94	69
ND	117	97	3.6	40	92	1.4	64	84	1.2	112	82	80
WI	81	100	6.6	37	99	2.1	70	100	3.9	80	94	99
Total 2/	1,024	100	4.0	53	94	1.7	94	88	1.6	106	91	84

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

2/ Refers to ten majors fall potato states including; CO, ID, ME, MI, MN, ND, OR, PA, WA and WI.

FALL POTATOES: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2003 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					
Linuron	9	1.0	1.01	1.01	6
Metribuzin	57	1.0	0.39	0.42	14
Rimsulfuron	16	1.0	0.02	0.02	3/
S-Metolachlor	11	1.0	1.07	1.07	7
Insecticides					
Cyfluthrin	26	1.2	0.03	0.03	1
Esfenvalerate	16	1.6	0.02	0.03	3/
Imidacloprid	37	1.4	0.08	0.11	3
Thiamethoxam	28	1.1	0.03	0.04	1
Fungicides					
Azoxystrobin	27	1.6	0.11	0.19	3
Chlorothalonil	66	4.7	0.90	4.30	171
Mancozeb	66	3.9	1.38	5.42	216
Mefenoxam	30	1.0	0.45	0.45	8
Metiram	17	2.7	1.27	3.45	35
Triphenyltin hydrox	29	2.4	0.12	0.28	5
Other Chemicals					
Diquat	57	1.4	0.36	0.52	18

1/ Planted acres in 2003 for Minnesota were 60,000 acres.

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

3/ Total applied is less than 500 lbs.

**CORN: Acreage Planted for All Purposes, Harvested for Grain, Yield,
and Production, by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		-- Bushels --		----- Bushels -----	
Becker	22,800	20,200	14,200	12,900	120.0	101.0	1,704,000	1,302,900
Clay	38,200	41,700	34,700	36,800	130.0	117.0	4,511,000	4,305,600
Clearwater	3,800	3,600	1,600	2,000	115.0	107.0	184,000	214,000
Kittson	5,000	5,400	2,100	3,400	105.0	115.0	220,500	391,000
Mahnomen	10,500	16,300	8,800	14,000	119.0	116.0	1,047,200	1,624,000
Marshall	8,300	7,600	5,400	4,500	116.0	112.0	626,400	504,000
Norman	23,800	30,000	17,900	26,700	114.0	126.0	2,040,600	3,364,200
Pennington	2,200	1,600	1,600	1,100	123.0	107.0	196,800	117,700
Polk	16,700	24,000	13,600	21,200	118.0	107.0	1,604,800	2,268,400
Red Lake	5,100	5,500	3,400	3,500	117.0	108.0	397,800	378,000
Roseau	6,800	6,400	1,400	3,500	89.0	115.0	124,600	402,500
Northwest	143,200	162,300	104,700	129,600	120.9	114.8	12,657,700	14,872,300
Beltrami	4,100	4,400	900	400	102.0	68.0	91,800	27,200
Cass	6,300	7,800	3,400	3,500	131.0	108.0	445,400	378,000
Hubbard	12,500	11,800	11,400	10,400	160.0	131.0	1,824,000	1,362,400
Other Counties	1,300	1,100	500	400	120.6	111.5	60,300	44,600
North Central	24,200	25,100	16,200	14,700	149.5	123.3	2,421,500	1,812,200
Other Counties	300	100	100	100	104.0	60.0	10,400	6,000
Northeast	300	100	100	100	104.0	60.0	10,400	6,000
Big Stone	73,500	77,200	70,800	71,000	146.0	117.0	10,336,800	8,307,000
Chippewa	137,000	139,400	134,700	137,300	169.0	153.0	22,764,300	21,006,900
Douglas	51,000	56,600	45,200	48,400	146.0	128.0	6,599,200	6,195,200
Grant	77,200	88,000	75,300	85,900	162.0	137.0	12,198,600	11,768,300
Lac Qui Parle	156,600	157,900	152,200	149,900	151.0	123.0	22,982,200	18,437,700
Otter Tail	141,200	151,700	116,200	130,500	139.0	132.0	16,151,800	17,226,000
Pope	100,100	97,200	90,000	89,900	164.0	140.0	14,760,000	12,586,000
Stevens	133,300	143,100	128,400	135,800	165.0	154.0	21,186,000	20,913,200
Swift	159,400	160,500	152,600	151,300	170.0	143.0	25,942,000	21,635,900
Traverse	104,300	111,100	102,400	108,000	161.0	128.0	16,486,400	13,824,000
Wilkin	42,600	47,200	40,700	45,600	135.0	119.0	5,494,500	5,426,400
Yellow Medicine	178,600	182,800	172,700	175,500	148.0	141.0	25,559,600	24,745,500
West Central	1,354,800	1,412,700	1,281,200	1,329,100	156.5	137.0	200,461,400	182,072,100
Benton	63,100	59,700	52,700	45,100	127.0	118.0	6,692,900	5,321,800
Carver	63,300	61,900	57,500	55,500	161.0	145.0	9,257,500	8,047,500
Kandiyohi	144,700	140,900	139,300	133,600	166.0	151.0	23,123,800	20,173,600
McLeod	103,800	105,300	97,100	101,300	163.0	153.0	15,827,300	15,498,900
Meeker	114,900	111,300	108,200	102,500	157.0	137.0	16,987,400	14,042,500
Morrison	95,700	97,300	75,100	66,700	135.0	85.0	10,138,500	5,669,500
Renville	249,500	246,600	242,300	237,800	169.0	155.0	40,948,700	36,859,000
Scott	41,700	41,100	38,500	38,100	163.0	147.0	6,275,500	5,600,700
Sherburne	32,300	27,800	29,800	24,700	147.0	128.0	4,380,600	3,161,600
Sibley	136,800	135,900	130,900	126,200	168.0	159.0	21,991,200	20,065,800
Stearns	204,300	208,300	163,500	162,500	155.0	122.0	25,342,500	19,825,000
Todd	73,400	73,600	57,800	49,300	132.0	101.0	7,629,600	4,979,300
Wadena	22,900	22,600	17,600	17,600	128.0	105.0	2,252,800	1,848,000
Wright	78,500	77,900	69,100	61,800	143.0	118.0	9,881,300	7,292,400
Central	1,424,900	1,410,200	1,279,400	1,222,700	156.9	137.7	200,729,600	168,385,600

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties or Other Districts. Counties denoted with "--" are also less than 1,000 acres and are included in Other Counties.

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**CORN: Acreage Planted for All Purposes, Harvested for Grain, Yield,
and Production, by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		-- Bushels --		----- Bushels -----	
Aitkin	--	1,400	--	300	--	82.0	--	24,600
Anoka	8,800	8,300	8,000	7,400	126.0	86.0	1,008,000	636,400
Carlton	1,600	1,600	500	200	98.0	80.0	49,000	16,000
Chisago	24,400	24,200	22,400	18,300	138.0	101.0	3,091,200	1,848,300
Crow Wing	7,900	7,700	5,800	4,000	119.0	90.0	690,200	360,000
Hennepin	16,700	15,900	15,200	13,400	148.0	122.0	2,249,600	1,634,800
Isanti	34,000	32,500	31,700	30,300	130.0	96.0	4,121,000	2,908,800
Kanabec	18,800	16,500	14,500	12,300	137.0	81.0	1,986,500	996,300
Mille Lacs	22,900	23,000	19,000	17,500	127.0	88.0	2,413,000	1,540,000
Pine	22,200	19,700	15,100	11,900	124.0	92.0	1,872,400	1,094,800
Washington	23,400	21,100	22,200	19,800	165.0	120.0	3,663,000	2,376,000
Other Counties	2,000	--	1,100	--	117.3	--	129,000	--
East Central	182,700	171,900	155,500	135,400	136.8	99.2	21,272,900	13,436,000
Cottonwood	179,600	175,700	169,700	166,300	152.0	147.0	25,794,400	24,446,100
Jackson	185,200	178,700	180,900	175,600	150.0	152.0	27,135,000	26,691,200
Lincoln	91,300	93,100	83,200	86,000	139.0	142.0	11,564,800	12,212,000
Lyon	178,200	176,500	170,500	170,300	153.0	140.0	26,086,500	23,842,000
Murray	181,200	174,000	170,900	164,500	143.0	144.0	24,438,700	23,688,000
Nobles	193,900	192,600	183,000	184,500	135.0	141.0	24,705,000	26,014,500
Pipestone	102,000	95,900	93,800	90,200	136.0	141.0	12,756,800	12,718,200
Redwood	233,300	233,300	227,300	226,700	155.0	152.0	35,231,500	34,458,400
Rock	129,500	128,100	120,100	119,800	145.0	146.0	17,414,500	17,490,800
Southwest	1,474,200	1,447,900	1,399,400	1,383,900	146.6	145.6	205,127,200	201,561,200
Blue Earth	185,800	178,700	182,700	175,200	163.0	164.0	29,780,100	28,732,800
Brown	151,500	165,300	143,900	152,900	152.0	157.0	21,872,800	24,005,300
Faribault	203,200	197,300	198,500	195,000	170.0	170.0	33,745,000	33,150,000
Freeborn	179,600	173,100	175,800	170,400	173.0	168.0	30,413,400	28,627,200
Le Sueur	90,400	92,400	87,600	87,000	157.0	158.0	13,753,200	13,746,000
Martin	217,500	216,200	212,900	210,000	172.0	170.0	36,618,800	35,700,000
Nicollet	115,100	117,000	109,900	111,200	162.0	172.0	17,803,800	19,126,400
Rice	83,700	80,500	78,500	73,100	165.0	155.0	12,952,500	11,330,500
Steele	103,800	102,600	99,800	98,800	167.0	155.0	16,666,600	15,314,000
Waseca	118,300	117,100	114,900	114,900	165.0	169.0	18,958,500	19,418,100
Watonwan	122,500	120,300	119,900	118,300	167.0	166.0	20,023,300	19,637,800
South Central	1,571,400	1,560,500	1,524,400	1,506,800	165.7	165.1	252,588,000	248,788,100
Dakota	91,800	91,100	86,100	87,200	168.0	145.0	14,464,800	12,644,000
Dodge	109,200	109,100	102,700	106,100	171.0	158.0	17,561,700	16,763,800
Fillmore	158,800	160,800	146,700	146,800	162.0	153.0	23,765,400	22,460,400
Goodhue	137,900	138,200	125,300	126,400	167.0	155.0	20,925,100	19,592,000
Houston	57,700	56,700	49,700	48,900	162.0	153.0	8,051,400	7,481,700
Mower	187,400	171,300	182,000	164,400	171.0	140.0	31,122,000	23,016,000
Olmsted	110,200	110,100	101,300	102,300	167.0	152.0	16,917,100	15,549,600
Wabasha	84,500	87,700	74,000	78,900	162.0	157.0	11,988,000	12,387,300
Winona	86,800	84,300	71,300	66,700	166.0	151.0	11,835,800	10,071,700
Southeast	1,024,300	1,009,300	939,100	927,700	166.8	150.9	156,631,300	139,966,500
Minnesota	7,200,000	7,200,000	6,700,000	6,650,000	157.0	146.0	1,051,900,000	970,900,000

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CORN FOR SILAGE: Acreage Harvested, Yield, and Production, by County and District, Minnesota, 2002-03

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Tons -----		----- Tons -----	
Becker	8,100	7,100	14.5	10.3	117,400	73,100
Clay	2,800	3,300	13.9	11.7	38,900	38,600
Clearwater	2,000	1,500	13.1	9.7	26,100	14,600
Kittson	2,600	1,900	14.5	9.7	37,700	18,400
Mahnomen	1,400	2,200	13.4	13.8	18,800	30,400
Marshall	2,600	2,700	14.2	10.7	37,000	28,900
Norman	3,700	2,700	12.6	11.6	46,600	31,300
Pennington	600	400	13.7	10.8	8,200	4,300
Polk	2,700	2,600	13.4	10.8	36,200	28,100
Red Lake	1,500	1,900	10.6	11.1	15,900	21,100
Roseau	4,200	2,700	11.0	10.4	46,400	28,100
Northwest	32,200	29,000	13.3	10.9	429,200	316,900
Beltrami	3,200	3,900	13.7	13.1	43,800	51,100
Cass	2,800	3,900	14.0	9.0	39,200	35,100
Hubbard	1,000	1,300	15.4	11.2	15,400	14,600
Other Counties	700	600	14.6	11.0	10,200	6,600
North Central	7,700	9,700	14.1	11.1	108,600	107,400
Other Counties	200	--	6.5	--	1,300	--
Northeast	200	--	6.5	--	1,300	--
Big Stone	1,400	1,600	15.0	10.9	21,000	17,500
Chippewa	700	700	17.9	13.1	12,500	9,200
Douglas	5,200	7,500	15.3	14.2	79,400	106,500
Grant	1,000	1,400	17.3	14.9	17,300	20,900
Lac Qui Parle	2,600	6,700	16.1	13.2	41,900	88,400
Otter Tail	22,200	19,600	15.0	11.3	333,300	221,500
Pope	6,400	6,000	16.4	13.2	105,100	79,200
Stevens	3,400	6,200	19.3	13.2	65,600	81,800
Swift	4,400	8,000	21.3	15.2	93,800	121,600
Traverse	700	1,000	18.9	11.0	13,200	11,000
Wilkin	1,400	1,200	12.6	11.4	17,700	13,700
Yellow Medicine	3,900	6,000	12.9	12.9	50,300	77,400
West Central	53,300	65,900	16.0	12.9	851,100	848,700
Benton	9,200	14,100	14.0	10.9	128,800	153,700
Carver	5,000	5,900	17.7	16.4	88,300	96,800
Kandiyohi	4,100	6,200	18.8	16.2	77,000	100,400
McLeod	5,300	3,000	18.3	13.4	97,200	40,200
Meeker	5,300	7,800	15.8	13.6	83,500	106,100
Morrison	18,400	28,300	15.7	12.2	288,300	345,200
Renville	2,200	5,100	17.8	13.9	39,100	70,900
Scott	2,800	2,700	17.3	15.4	48,400	41,600
Sherburne	1,900	2,500	14.9	11.9	28,400	29,800
Sibley	4,300	8,700	19.1	15.9	82,000	138,300
Stearns	38,800	44,100	18.2	13.6	705,800	599,700
Todd	14,900	23,000	15.0	10.0	223,300	230,000
Wadena	5,000	4,400	12.5	10.2	62,700	44,900
Wright	7,000	14,900	17.7	16.0	124,200	238,400
Central	124,200	170,700	16.7	13.1	2,077,000	2,236,000

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--continued

**CORN FOR SILAGE: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Tons -----		----- Tons -----	
Aitkin	--	1,000	--	7.9	--	7,900
Anoka	500	700	9.2	10.1	4,600	7,100
Carlton	1,000	1,300	11.5	7.5	11,500	9,800
Chisago	1,700	5,700	16.1	13.0	27,300	74,100
Crow Wing	1,900	3,500	12.4	8.1	23,500	28,400
Hennepin	1,100	2,300	17.3	9.9	19,000	22,800
Isanti	1,300	1,900	13.0	11.6	16,900	22,000
Kanabec	4,100	4,000	16.5	12.4	67,800	49,600
Mille Lacs	3,600	5,200	17.6	12.8	63,400	66,500
Pine	5,900	7,500	14.1	10.4	83,200	78,000
Washington	1,000	1,100	16.1	12.8	16,100	14,100
Other Counties	800	--	12.0	--	9,600	--
East Central	22,900	34,200	15.0	11.1	342,900	380,300
Cottonwood	5,900	6,200	18.0	15.2	106,200	94,200
Jackson	2,600	1,900	16.0	15.9	41,700	30,200
Lincoln	7,200	6,300	15.8	14.0	114,000	88,200
Lyon	5,900	4,800	15.3	13.6	90,100	65,300
Murray	8,600	8,400	16.2	13.5	139,000	113,400
Nobles	9,200	6,800	18.2	13.8	167,100	93,800
Pipestone	7,300	5,100	18.0	16.7	131,700	85,200
Redwood	4,000	4,900	16.0	16.4	64,100	80,400
Rock	7,900	6,900	16.0	13.8	126,600	95,200
Southwest	58,600	51,300	16.7	14.5	980,500	745,900
Blue Earth	1,300	2,300	23.2	18.6	30,100	42,800
Brown	5,200	11,200	18.2	17.0	94,800	190,400
Faribault	1,800	1,000	18.4	16.4	33,200	16,400
Freeborn	1,900	1,400	19.3	15.8	36,600	22,100
Le Sueur	1,900	3,800	20.2	16.3	38,300	61,900
Martin	2,700	3,200	20.3	17.9	54,800	57,300
Nicollet	3,300	5,000	20.3	19.2	67,100	96,000
Rice	4,200	6,800	18.8	18.2	79,100	123,700
Steele	2,900	3,100	20.5	16.7	59,400	51,800
Waseca	2,300	1,400	19.2	16.8	44,200	23,500
Watonwan	1,500	1,200	22.9	16.4	34,300	19,700
South Central	29,000	40,400	19.7	17.5	571,900	705,600
Dakota	4,200	3,200	20.7	15.5	87,000	49,600
Dodge	3,800	2,300	22.7	17.3	86,100	39,800
Fillmore	10,000	12,900	18.5	17.3	185,200	223,200
Goodhue	11,200	10,900	21.2	18.4	237,000	200,500
Houston	7,500	6,900	18.2	17.7	136,400	122,100
Mower	3,800	5,800	20.4	17.7	77,700	102,700
Olmsted	7,600	7,000	19.5	17.3	148,500	121,100
Wabasha	9,400	7,800	20.0	17.4	188,100	135,700
Winona	14,400	17,000	20.2	18.5	291,500	314,500
Southeast	71,900	73,800	20.0	17.7	1,437,500	1,309,200
Minnesota	400,000	475,000	17.0	14.0	6,800,000	6,650,000

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SOYBEANS: Acreage, Yield, and Production, by County and District, Minnesota, 2002-03

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Becker	84,600	86,800	82,400	85,500	34.0	26.0	2,801,600	2,223,000
Clay	158,300	159,500	156,800	157,600	35.0	28.0	5,488,000	4,412,800
Clearwater	4,600	6,000	4,300	5,900	33.0	27.0	141,900	159,300
Kittson	68,200	78,000	67,200	77,200	34.0	31.0	2,284,800	2,393,200
Mahnomen	49,700	55,700	46,400	55,300	29.0	28.0	1,345,600	1,548,400
Marshall	126,900	167,400	121,900	165,700	34.0	27.0	4,144,600	4,473,900
Norman	154,500	168,400	142,400	163,400	31.0	29.0	4,414,400	4,738,600
Pennington	66,200	85,100	65,200	84,300	30.0	26.0	1,956,000	2,191,800
Polk	233,200	280,400	223,300	277,700	33.0	29.0	7,368,900	8,053,300
Red Lake	60,400	68,000	58,100	67,300	30.0	27.0	1,743,000	1,817,100
Roseau	11,400	41,100	10,600	38,900	33.0	29.0	349,800	1,128,100
Northwest	1,018,000	1,196,400	978,600	1,178,800	32.7	28.1	32,038,600	33,139,500
Beltrami	1,000	3,600	1,000	3,500	34.0	24.0	34,000	84,000
Cass	1,600	1,500	1,500	1,400	42.0	35.0	63,000	49,000
Hubbard	2,700	3,800	2,600	3,700	50.0	35.0	130,000	129,500
Koochiching	1,200	1,700	1,200	1,600	29.0	25.0	34,800	40,000
Other Counties	800	2,000	800	1,900	38.0	28.8	30,400	54,800
North Central	7,300	12,600	7,100	12,100	41.2	29.5	292,200	357,300
Big Stone	116,200	113,900	114,900	110,100	39.0	26.0	4,481,100	2,862,600
Chippewa	122,800	121,500	121,800	119,800	45.0	34.0	5,481,000	4,073,200
Douglas	72,200	73,400	71,600	71,700	38.0	24.0	2,720,800	1,720,800
Grant	126,700	120,800	125,200	119,000	40.0	30.0	5,008,000	3,570,000
Lac Qui Parle	176,400	173,200	175,000	171,400	41.0	28.0	7,175,000	4,799,200
Otter Tail	128,800	142,500	127,700	140,800	35.0	29.0	4,469,500	4,083,200
Pope	88,700	88,700	87,300	86,800	41.0	29.0	3,579,300	2,517,200
Stevens	136,300	136,800	135,200	135,400	43.0	33.0	5,813,600	4,468,200
Swift	151,400	152,900	148,700	150,800	42.0	30.0	6,245,400	4,524,000
Traverse	145,800	141,200	144,300	137,800	40.0	30.0	5,772,000	4,134,000
Wilkin	141,000	143,500	139,800	141,900	37.0	29.0	5,172,600	4,115,100
Yellow Medicine	182,500	179,800	180,900	177,800	42.0	32.0	7,597,800	5,689,600
West Central	1,588,800	1,588,200	1,572,400	1,563,300	40.4	29.8	63,516,100	46,557,100
Benton	25,400	30,300	24,900	29,800	38.0	23.0	946,200	685,400
Carver	44,100	43,200	43,500	42,700	49.0	30.0	2,131,500	1,281,000
Kandiyohi	119,400	123,300	118,200	121,800	46.0	30.0	5,437,200	3,654,000
McLeod	97,500	94,300	95,800	93,300	44.0	27.0	4,215,200	2,519,100
Meeker	113,500	117,000	111,800	115,400	44.0	24.0	4,919,200	2,769,600
Morrison	16,900	22,500	16,300	22,200	43.0	22.0	700,900	488,400
Renville	235,000	224,900	233,300	221,700	48.0	32.0	11,198,400	7,094,400
Scott	34,900	36,300	34,600	35,900	48.0	30.0	1,660,800	1,077,000
Sherburne	17,500	18,900	17,300	18,400	44.0	24.0	761,200	441,600
Sibley	121,400	120,200	120,200	118,600	47.0	29.0	5,649,400	3,439,400
Stearns	94,000	99,400	93,300	98,200	45.0	25.0	4,198,500	2,455,000
Todd	32,900	40,000	32,700	39,500	42.0	21.0	1,373,400	829,500
Wadena	3,600	6,100	3,500	5,900	39.0	26.0	136,500	153,400
Wright	76,700	79,100	73,800	77,400	44.0	23.0	3,247,200	1,780,200
Central	1,032,800	1,055,500	1,019,200	1,040,800	45.7	27.5	46,575,600	28,668,000

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**SOYBEANS: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Aitkin	3,500	3,800	3,400	3,700	30.0	33.0	102,000	122,100
Anoka	5,000	5,300	4,900	5,200	32.0	17.0	156,800	88,400
Chisago	23,600	24,900	23,400	24,600	42.0	23.0	982,800	565,800
Hennepin	15,100	16,600	14,700	16,400	47.0	27.0	690,900	442,800
Isanti	31,600	31,600	31,300	31,200	34.0	18.0	1,064,200	561,600
Kanabec	8,600	9,900	8,500	9,700	42.0	17.0	357,000	164,900
Mille Lacs	12,300	12,800	12,200	12,700	42.0	19.0	512,400	241,300
Pine	9,000	10,600	8,700	10,400	43.0	22.0	374,100	228,800
Washington	14,900	15,300	14,800	15,100	44.0	19.0	651,200	286,900
Other Counties	400	800	400	700	35.0	29.1	14,000	20,400
East Central	124,000	131,600	122,300	129,700	40.1	21.0	4,905,400	2,723,000
Cottonwood	159,500	165,200	158,200	163,400	47.0	34.0	7,435,400	5,555,600
Jackson	169,000	175,300	167,700	173,500	46.0	38.0	7,714,200	6,593,000
Lincoln	99,200	95,400	98,400	94,400	40.0	31.0	3,936,000	2,926,400
Lyon	168,300	170,000	167,000	168,100	44.0	33.0	7,348,000	5,547,300
Murray	167,400	171,700	166,000	169,900	45.0	35.0	7,470,000	5,946,500
Nobles	186,800	188,900	185,300	186,600	44.0	36.0	8,153,200	6,717,600
Pipestone	94,400	100,000	92,900	98,900	43.0	35.0	3,994,700	3,461,500
Redwood	223,500	218,700	221,800	216,300	44.0	33.0	9,759,200	7,137,900
Rock	120,600	121,000	119,700	119,600	44.0	38.0	5,266,800	4,544,800
Southwest	1,388,700	1,406,200	1,377,000	1,390,700	44.4	34.8	61,077,500	48,430,600
Blue Earth	169,200	171,400	168,000	169,500	50.0	34.0	8,400,000	5,763,000
Brown	136,300	147,800	135,300	146,200	45.0	34.0	6,088,500	4,970,800
Faribault	168,500	174,400	167,100	172,600	50.0	36.0	8,355,000	6,213,600
Freeborn	156,000	158,800	154,800	157,000	51.0	35.0	7,894,800	5,495,000
Le Sueur	85,100	83,400	84,400	82,300	47.0	33.0	3,966,800	2,715,900
Martin	184,400	191,500	183,000	189,300	49.0	36.0	8,967,000	6,814,800
Nicollet	97,500	95,400	96,200	94,400	46.0	33.0	4,425,200	3,115,200
Rice	67,500	67,300	67,000	66,600	49.0	31.0	3,283,000	2,064,600
Steele	87,000	91,000	86,400	90,000	51.0	30.0	4,406,400	2,700,000
Waseca	97,000	98,600	96,200	97,500	51.0	35.0	4,906,200	3,412,500
Watsonwan	114,000	111,600	113,100	110,100	48.0	35.0	5,428,800	3,853,500
South Central	1,362,500	1,391,200	1,351,500	1,375,500	48.9	34.3	66,121,700	47,118,900
Dakota	68,400	67,800	67,700	66,600	47.0	30.0	3,181,900	1,998,000
Dodge	92,500	94,300	91,600	93,200	52.0	32.0	4,763,200	2,982,400
Fillmore	97,500	101,100	96,800	100,000	51.0	32.0	4,936,800	3,200,000
Goodhue	92,800	100,600	91,600	99,500	50.0	33.0	4,580,000	3,283,500
Houston	25,300	27,900	25,100	27,000	50.0	34.0	1,255,000	918,000
Mower	165,900	177,200	164,700	175,400	52.0	29.0	8,564,400	5,086,600
Olmsted	73,500	75,500	73,000	74,500	52.0	33.0	3,796,000	2,458,500
Wabasha	35,400	41,500	35,000	40,900	52.0	34.0	1,820,000	1,390,600
Winona	26,600	32,400	26,400	32,000	54.0	34.0	1,425,600	1,088,000
Southeast	677,900	718,300	671,900	709,100	51.1	31.6	34,322,900	22,405,600
Minnesota	7,200,000	7,500,000	7,100,000	7,400,000	43.5	31.0	308,850,000	229,400,000

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ALL WHEAT: Acreage, Yield, and Production, by County and District, Minnesota, 2002-03

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		-- Bushels --		----- Bushels -----	
Becker	62,700	58,400	59,500	57,100	35.0	55.0	2,080,700	3,140,500
Clay	167,000	157,700	159,400	154,100	40.0	58.0	6,373,400	8,936,200
Clearwater	7,200	6,600	6,300	6,400	30.7	43.5	193,500	278,100
Kittson	173,600	177,400	162,000	173,300	33.0	59.7	5,343,000	10,354,600
Mahnomen	39,600	30,600	33,700	29,900	25.3	53.8	853,000	1,607,400
Marshall	251,800	224,900	229,000	219,400	33.0	62.0	7,568,400	13,594,700
Norman	179,800	156,500	150,900	152,700	28.0	57.0	4,220,400	8,699,400
Pennington	75,600	66,100	70,300	64,400	25.7	55.6	1,803,500	3,581,700
Polk	336,600	299,200	307,400	291,400	34.0	59.9	10,463,000	17,453,600
Red Lake	58,200	53,200	52,600	52,000	29.2	57.4	1,536,400	2,984,500
Roseau	141,500	127,500	85,800	124,200	23.1	57.1	1,984,200	7,095,600
Northwest	1,493,600	1,358,100	1,316,900	1,324,900	32.2	58.7	42,419,500	77,726,300
Beltrami	7,100	6,500	6,300	6,400	21.2	59.5	133,600	381,100
Hubbard	--	1,600	--	1,500	--	47.0	--	70,500
Koochiching	1,700	1,400	1,200	1,300	27.0	46.0	32,400	59,800
Lake of the Woods	13,300	17,500	9,700	17,200	20.0	49.4	194,000	850,500
Other Counties	1,600	500	1,500	500	25.2	47.0	37,800	23,500
North Central	23,700	27,500	18,700	26,900	21.3	51.5	397,800	1,385,400
Other Counties	200	100	200	100	25.0	32.0	5,000	3,200
Northeast	200	100	200	100	25.0	32.0	5,000	3,200
Big Stone	35,600	36,000	34,700	33,300	43.9	58.0	1,524,300	1,930,500
Chippewa	2,900	2,700	2,800	2,600	40.0	57.0	112,000	148,200
Douglas	18,700	17,200	17,800	16,800	34.1	54.0	606,200	907,200
Grant	43,300	42,100	42,500	41,200	43.0	56.0	1,827,500	2,307,200
Lac Qui Parle	13,300	14,800	12,800	14,400	38.0	55.7	486,400	802,200
Otter Tail	66,500	61,400	61,900	59,800	37.0	54.0	2,290,800	3,226,800
Pope	13,000	9,900	12,200	9,700	36.1	49.0	440,000	475,300
Stevens	24,300	21,000	23,000	20,500	42.0	58.0	966,000	1,189,000
Swift	8,800	8,300	8,500	8,100	39.0	55.0	331,500	445,500
Traverse	46,600	41,700	44,700	40,600	43.0	58.0	1,922,100	2,354,800
Wilkin	142,800	141,200	137,200	134,200	40.0	57.0	5,488,000	7,647,900
Yellow Medicine	13,200	14,400	12,700	14,100	39.0	57.9	495,300	816,200
West Central	429,000	410,700	410,800	395,300	40.1	56.3	16,490,100	22,250,800
Benton	1,200	--	1,200	--	28.3	--	33,900	--
Carver	2,200	2,000	2,100	1,900	33.1	48.2	69,500	91,600
Kandiyohi	6,400	4,900	5,900	4,800	36.0	50.0	212,400	240,000
McLeod	4,000	4,100	3,800	3,900	39.9	53.9	151,800	210,400
Meeker	5,900	3,900	5,300	3,700	31.4	49.7	166,600	183,800
Morrison	1,100	--	1,000	--	34.6	--	34,600	--
Renville	5,200	5,800	5,000	5,600	35.3	58.8	176,600	329,100
Sibley	2,500	3,200	2,300	3,100	41.0	49.2	94,400	152,600
Stearns	7,200	4,300	6,800	4,200	34.1	52.0	232,000	218,400
Todd	6,200	4,200	5,700	4,100	29.1	41.2	165,600	169,100
Wright	3,400	3,100	3,000	3,000	33.8	40.4	101,400	121,200
Other Counties	2,000	3,000	1,900	3,000	31.9	40.3	60,700	120,800
Central	47,300	38,500	44,000	37,300	34.1	49.2	1,499,500	1,837,000

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**ALL WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		-- Bushels --		----- Bushels -----	
Isanti	1,200	--	1,000	--	24.8	--	24,800	--
Kanabec	2,200	1,200	2,100	1,100	34.0	50.0	71,400	55,000
Other Counties	2,800	3,000	2,400	2,800	34.2	38.8	82,100	108,500
East Central	6,200	4,200	5,500	3,900	32.4	41.9	178,300	163,500
Cottonwood	2,000	1,600	1,900	1,400	33.0	61.0	62,700	85,400
Lincoln	10,800	11,900	10,500	11,800	39.0	64.0	409,800	755,200
Lyon	4,800	3,700	4,700	3,600	33.0	62.0	155,100	223,200
Murray	--	1,000	--	900	--	55.0	--	49,500
Redwood	3,100	2,900	2,900	2,800	34.0	59.0	98,600	165,200
Other Counties	3,700	2,500	3,500	2,500	37.9	59.6	132,600	149,000
Southwest	24,400	23,600	23,500	23,000	36.5	62.1	858,800	1,427,500
Brown	3,000	2,100	2,900	2,000	34.9	51.9	101,300	103,800
Le Sueur	2,400	2,300	2,300	2,100	48.7	50.7	112,000	106,500
Nicollet	--	1,200	--	1,100	--	52.0	--	57,200
Other Counties	5,000	4,400	4,400	4,400	39.8	53.0	174,900	233,000
South Central	10,400	10,000	9,600	9,600	40.4	52.1	388,200	500,500
Dakota	1,600	1,300	1,500	1,100	40.1	45.5	60,200	50,000
Goodhue	1,000	--	1,000	--	39.2	--	39,200	--
Other Counties	2,600	3,000	2,300	2,900	36.3	47.5	83,400	137,800
Southeast	5,200	4,300	4,800	4,000	38.1	47.0	182,800	187,800
Minnesota	2,040,000	1,877,000	1,834,000	1,825,000	34.0	57.8	62,420,000	105,482,000

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**SPRING WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Becker	62,500	58,400	59,300	57,100	35.0	55.0	2,075,500	3,140,500
Clay	166,400	157,600	158,900	154,000	40.0	58.0	6,356,000	8,932,000
Clearwater	5,300	5,600	4,500	5,500	31.0	45.0	139,500	247,500
Kittson	172,100	174,100	161,000	170,200	33.0	60.0	5,313,000	10,212,000
Mahnomen	39,000	30,000	33,200	29,300	25.0	54.0	830,000	1,582,200
Marshall	246,900	223,300	224,600	217,900	33.0	62.0	7,411,800	13,509,800
Norman	178,800	156,200	150,200	152,400	28.0	57.0	4,205,600	8,686,800
Pennington	73,200	64,000	68,000	62,500	25.0	56.0	1,700,000	3,500,000
Polk	331,800	297,000	302,800	289,300	34.0	60.0	10,295,200	17,358,000
Red Lake	57,000	51,000	51,500	49,900	29.0	58.0	1,493,500	2,894,200
Roseau	133,600	121,600	80,400	118,800	23.0	58.0	1,849,200	6,890,400
Northwest	1,466,600	1,338,800	1,294,400	1,306,900	32.2	58.9	41,669,300	76,953,400
Beltrami	6,500	6,400	5,800	6,300	22.0	60.0	127,600	378,000
Hubbard	--	1,600	--	1,500	--	47.0	--	70,500
Koochiching	1,700	1,400	1,200	1,300	27.0	46.0	32,400	59,800
Lake of the Woods	13,000	17,000	9,500	16,700	20.0	50.0	190,000	835,000
Other Counties	1,600	500	1,500	500	25.0	47.0	37,800	23,500
North Central	22,800	26,900	18,000	26,300	21.5	52.0	387,800	1,366,800
Other Counties	200	100	200	100	25.0	32.0	5,000	3,200
Northeast	200	100	200	100	25.0	32.0	5,000	3,200
Big Stone	35,000	35,700	34,200	33,000	44.0	58.0	1,504,800	1,914,000
Chippewa	2,900	2,700	2,800	2,600	40.0	57.0	112,000	148,200
Douglas	18,500	17,200	17,600	16,800	34.0	54.0	598,400	907,200
Grant	43,300	42,100	42,500	41,200	43.0	56.0	1,827,500	2,307,200
Lac Qui Parle	13,100	14,400	12,600	14,100	38.0	56.0	478,800	789,600
Otter Tail	66,000	61,200	61,500	59,600	37.0	54.0	2,275,500	3,218,400
Pope	12,400	9,900	11,800	9,700	36.0	49.0	424,800	475,300
Stevens	24,300	21,000	23,000	20,500	42.0	58.0	966,000	1,189,000
Swift	8,600	8,300	8,300	8,100	39.0	55.0	323,700	445,500
Traverse	46,200	41,700	44,300	40,600	43.0	58.0	1,904,900	2,354,800
Wilkin	142,800	141,100	137,200	134,100	40.0	57.0	5,488,000	7,643,700
Yellow Medicine	13,200	14,300	12,700	14,000	39.0	58.0	495,300	812,000
West Central	426,300	409,600	408,500	394,300	40.1	56.3	16,399,700	22,204,900
Carver	1,800	1,500	1,700	1,400	31.0	49.0	52,700	68,600
Kandiyohi	6,400	4,900	5,900	4,800	36.0	50.0	212,400	240,000
McLeod	3,200	3,200	3,100	3,100	37.0	56.0	114,700	173,600
Meeker	5,800	3,500	5,200	3,400	31.0	50.0	161,200	170,000
Renville	5,100	5,700	4,900	5,500	35.0	59.0	171,500	324,500
Sibley	2,200	2,600	2,000	2,500	40.0	50.0	80,000	125,000
Stearns	6,800	4,300	6,400	4,200	34.0	52.0	217,600	218,400
Todd	5,800	4,000	5,400	3,900	29.0	41.0	156,600	159,900
Wright	3,100	2,900	2,700	2,800	32.0	40.0	86,400	112,000
Other Counties	3,200	2,500	3,000	2,500	30.5	39.1	91,500	97,800
Central	43,400	35,100	40,300	34,100	33.4	49.6	1,344,600	1,689,800

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**SPRING WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		----- Bushels -----		----- Bushels -----	
Kanabec	2,200	1,200	2,100	1,100	34.0	50.0	71,400	55,000
Other Counties	2,500	2,600	2,300	2,500	31.3	39.9	72,000	99,800
East Central	4,700	3,800	4,400	3,600	32.6	43.0	143,400	154,800
Cottonwood	2,000	1,500	1,900	1,400	33.0	61.0	62,700	85,400
Lincoln	10,600	11,900	10,300	11,800	39.0	64.0	401,700	755,200
Lyon	4,800	3,700	4,700	3,600	33.0	62.0	155,100	223,200
Murray	--	1,000	--	900	0.0	55.0	--	49,500
Redwood	3,100	2,900	2,900	2,800	34.0	59.0	98,600	165,200
Other Counties	2,900	2,400	2,800	2,400	34.9	60.4	97,600	144,900
Southwest	23,400	23,400	22,600	22,900	36.1	62.2	815,700	1,423,400
Brown	2,700	2,000	2,600	1,900	34.0	52.0	88,400	98,800
Le Sueur	1,500	1,600	1,400	1,500	44.0	51.0	61,600	76,500
Nicollet	--	1,200	--	1,100	--	52.0	--	57,200
Other Counties	4,400	3,900	3,900	3,900	39.1	53.3	152,300	208,000
South Central	8,600	8,700	7,900	8,400	38.3	52.4	302,300	440,500
Other Counties	4,000	3,600	3,700	3,400	35.7	48.0	132,200	163,200
Southeast	4,000	3,600	3,700	3,400	35.7	48.0	132,200	163,200
Minnesota	2,000,000	1,850,000	1,800,000	1,800,000	34.0	58.0	61,200,000	104,400,000

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties or Other Districts. Counties denoted with "--" are also less than 1,000 acres and are included in Other Counties.

**CANOLA: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		----- Pounds -----		----- Pounds -----	
Clay	1,200	--	1,100	--	650	--	715,000	--
Kittson	7,700	2,400	6,500	2,400	1,000	1,800	6,500,000	4,320,000
Marshall	13,900	11,400	11,300	10,800	940	1,930	10,622,000	20,844,000
Pennington	2,800	1,500	1,600	1,500	860	1,900	1,376,000	2,850,000
Red Lake	1,100	--	900	--	760	--	684,000	--
Roseau	43,700	29,400	21,900	29,200	840	1,700	18,396,000	49,640,000
Other Counties	800	1,500	600	1,500	850	1,851	510,000	2,777,000
Northwest	71,200	46,200	43,900	45,400	884	1,772	38,803,000	80,431,000
Lake of the Woods	5,600	5,900	3,100	5,800	750	2,030	2,325,000	11,774,000
Other Counties	2,800	4,400	2,700	4,300	1,140	2,014	3,078,000	8,660,000
North Central	8,400	10,300	5,800	10,100	932	2,023	5,403,000	20,434,000
Other Districts	400	500	300	500	980	2,110	294,000	1,055,000
Minnesota	80,000	57,000	50,000	56,000	890	1,820	44,500,000	101,920,000

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**OATS: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Becker	9,000	6,800	6,300	5,100	48.0	63.0	302,400	321,300
Clay	4,300	2,400	3,400	2,100	60.0	74.0	204,000	155,400
Clearwater	5,700	5,700	3,300	4,100	41.0	73.0	135,300	299,300
Kittson	10,400	7,400	5,000	7,000	38.0	78.0	190,000	546,000
Mahnomen	2,400	3,000	1,500	2,200	56.0	81.0	84,000	178,200
Marshall	8,200	6,800	5,100	6,600	35.0	77.0	178,500	508,200
Norman	2,600	2,000	2,100	1,900	33.0	79.0	69,300	150,100
Pennington	7,600	5,000	4,800	4,800	35.0	69.0	168,000	331,200
Polk	6,400	4,700	4,600	4,200	43.0	73.0	197,800	306,600
Red Lake	3,900	2,400	3,000	1,900	44.0	78.0	132,000	148,200
Roseau	17,300	13,500	9,300	13,100	36.0	89.0	334,800	1,165,900
Northwest	77,800	59,700	48,400	53,000	41.2	77.6	1,996,100	4,110,400
Beltrami	8,800	10,100	4,600	5,600	41.0	69.0	188,600	386,400
Cass	2,000	2,400	500	400	47.0	49.0	23,500	19,600
Hubbard	4,700	4,600	2,400	1,900	25.0	51.0	60,000	96,900
Itasca	2,500	1,500	1,100	700	55.0	63.0	60,500	44,100
Koochiching	2,400	2,300	800	1,400	31.0	63.0	24,800	88,200
Lake of the Woods	3,300	3,100	1,800	2,500	40.0	65.0	72,000	162,500
North Central	23,700	24,000	11,200	12,500	38.3	63.8	429,400	797,700
St. Louis	3,200	2,800	1,500	1,700	41.0	54.0	61,500	91,800
Northeast	3,200	2,800	1,500	1,700	41.0	54.0	61,500	91,800
Chippewa	1,600	1,700	1,000	1,500	66.0	88.0	66,000	132,000
Douglas	7,300	5,700	5,500	4,100	59.0	74.0	324,500	303,400
Lac Qui Parle	1,400	1,400	1,200	900	69.0	81.0	82,800	72,900
Otter Tail	29,200	23,800	20,600	20,900	47.0	63.0	968,200	1,316,700
Pope	5,200	4,800	3,400	4,100	57.0	71.0	193,800	291,100
Swift	3,200	2,800	1,900	2,600	65.0	78.0	123,500	202,800
Yellow Medicine	1,500	1,600	1,300	1,200	61.0	86.0	79,300	103,200
Other Counties	3,000	2,600	2,300	2,300	63.3	72.6	145,600	166,900
West Central	52,400	44,400	37,200	37,600	53.3	68.9	1,983,700	2,589,000
Benton	5,300	7,300	3,400	3,500	46.0	50.0	156,400	175,000
Carver	2,800	2,800	2,100	1,800	64.0	74.0	134,400	133,200
Kandiyohi	6,500	6,100	2,800	2,600	62.0	77.0	173,600	200,200
McLeod	3,300	2,500	2,400	2,100	58.0	71.0	139,200	149,100
Meeker	4,100	3,600	2,700	3,100	50.0	79.0	135,000	244,900
Morrison	11,600	9,800	8,500	8,800	47.0	52.0	399,500	457,600
Renville	2,200	1,600	1,200	1,000	78.0	85.0	93,600	85,000
Scott	2,900	2,500	1,900	2,200	67.0	67.0	127,300	147,400
Sherburne	1,200	1,500	500	500	39.0	50.0	19,500	25,000
Sibley	2,900	1,800	2,000	1,400	73.0	76.0	146,000	106,400
Stearns	31,700	26,900	23,600	23,600	56.0	69.0	1,321,600	1,628,400
Todd	19,100	14,700	11,300	9,800	46.0	56.0	519,800	548,800
Wadena	8,100	5,900	5,000	4,400	39.0	59.0	195,000	259,600
Wright	5,300	5,300	3,000	3,200	50.0	73.0	150,000	233,600
Central	107,000	92,300	70,400	68,000	52.7	64.6	3,710,900	4,394,200

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**OATS: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		--- Bushels		-----Bushels -----	
Aitkin	2,300	1,200	1,000	400	37.0	47.0	37,000	18,800
Chisago	1,800	1,400	800	500	40.0	42.0	32,000	21,000
Crow Wing	3,600	3,300	2,000	1,700	41.0	51.0	82,000	86,700
Hennepin	1,000	1,100	600	700	42.0	55.0	25,200	38,500
Isanti	1,800	1,000	900	700	39.0	48.0	35,100	33,600
Kanabec	3,400	2,300	1,700	1,400	44.0	58.0	74,800	81,200
Mille Lacs	2,900	2,900	1,400	1,000	50.0	49.0	70,000	49,000
Pine	3,800	4,300	2,200	1,800	46.0	48.0	101,200	86,400
Washington	2,100	1,400	1,100	1,100	48.0	50.0	52,800	55,000
Other Counties	1,600	1,000	1,000	500	47.0	55.4	47,000	27,700
East Central	24,300	19,900	12,700	9,800	43.9	50.8	557,100	497,900
Cottonwood	1,500	1,400	1,100	1,300	65.0	73.0	71,500	94,900
Jackson	1,100	1,000	700	900	55.0	69.0	38,500	62,100
Lincoln	4,200	3,100	2,100	2,800	72.0	89.0	151,200	249,200
Lyon	2,600	1,900	1,900	1,800	73.0	87.0	138,700	156,600
Murray	5,400	4,900	3,900	4,700	79.0	91.0	308,100	427,700
Nobles	3,800	2,900	1,800	2,600	71.0	92.0	127,800	239,200
Pipestone	4,700	3,900	3,000	2,700	74.0	87.0	222,000	234,900
Redwood	2,400	1,500	1,800	1,300	71.0	85.0	127,800	110,500
Rock	2,600	2,500	1,400	2,100	73.0	92.0	102,200	193,200
Southwest	28,300	23,100	17,700	20,200	72.8	87.5	1,287,800	1,768,300
Blue Earth	1,300	1,000	1,100	700	64.0	68.0	70,400	47,600
Brown	3,300	3,000	2,200	2,900	68.0	77.0	149,600	223,300
Faribault	2,000	1,000	1,700	900	86.0	81.0	146,200	72,900
Freeborn	2,800	1,500	1,500	1,300	87.0	69.0	130,500	89,700
Le Sueur	1,600	1,300	1,400	1,000	72.0	80.0	100,800	80,000
Martin	2,300	1,300	1,500	1,200	75.0	79.0	112,500	94,800
Nicollet	2,400	1,900	1,700	1,700	79.0	84.0	134,300	142,800
Rice	4,500	3,000	3,400	2,300	70.0	73.0	238,000	167,900
Steele	2,200	1,800	1,900	1,700	78.0	79.0	148,200	134,300
Other Counties	1,700	1,400	1,100	900	72.1	74.0	79,300	66,600
South Central	24,100	17,200	17,500	14,600	74.8	76.7	1,309,800	1,119,900
Dakota	3,200	2,200	2,000	2,000	70.0	67.0	140,000	134,000
Dodge	4,200	3,100	2,700	2,000	66.0	80.0	178,200	160,000
Fillmore	14,600	11,100	9,900	9,000	78.0	80.0	772,200	720,000
Goodhue	9,700	9,400	5,500	6,600	68.0	66.0	374,000	435,600
Houston	9,700	8,500	5,100	5,000	68.0	68.0	346,800	340,000
Mower	4,400	2,800	2,600	2,300	75.0	69.0	195,000	158,700
Olmsted	8,500	6,600	5,000	4,900	76.0	67.0	380,000	328,300
Wabasha	11,900	10,900	8,500	9,500	73.0	74.0	620,500	703,000
Winona	13,000	12,000	7,100	6,300	70.0	74.0	497,000	466,200
Southeast	79,200	66,600	48,400	47,600	72.4	72.4	3,503,700	3,445,800
Minnesota	420,000	350,000	265,000	265,000	56.0	71.0	14,840,000	18,815,000

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**ALL HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Tons -----		----- Tons -----	
Becker	45,900	45,400	2.4	2.3	109,100	106,300
Clay	27,400	27,900	2.9	2.9	78,100	81,400
Clearwater	49,200	49,600	2.0	2.0	96,800	98,700
Kittson	30,000	27,900	2.2	2.5	65,100	69,900
Mahnomen	19,900	18,800	2.8	2.3	56,600	43,000
Marshall	33,700	33,300	2.1	2.0	71,900	66,700
Norman	14,000	14,000	2.8	2.7	39,100	37,400
Pennington	28,800	28,600	2.3	2.6	67,500	73,200
Polk	35,600	36,200	2.4	2.3	85,700	83,800
Red Lake	16,200	15,900	2.5	2.8	40,400	44,300
Roseau	55,200	54,600	2.0	2.2	111,500	121,800
Northwest	355,900	352,200	2.3	2.3	821,800	826,500
Beltrami	55,200	53,500	1.9	1.8	104,700	98,400
Cass	57,900	54,500	1.7	1.2	100,100	66,400
Hubbard	25,300	24,400	1.6	1.4	40,800	34,600
Itasca	33,900	32,900	1.5	1.4	51,500	46,900
Koochiching	22,100	20,900	1.7	1.4	37,100	29,100
Lake of the Woods	14,700	14,500	1.4	1.5	20,600	21,700
North Central	209,100	200,700	1.7	1.5	354,800	297,100
St. Louis	63,000	61,100	1.4	1.3	85,200	81,200
Other Counties	2,100	2,000	1.8	1.3	3,700	2,600
Northeast	65,100	63,100	1.4	1.3	88,900	83,800
Big Stone	5,900	6,300	2.9	2.3	17,200	14,800
Chippewa	5,500	5,500	3.5	2.5	19,100	13,800
Douglas	25,600	25,500	2.9	2.6	75,500	65,900
Grant	6,600	6,400	3.3	2.8	21,500	18,100
Lac Qui Parle	15,800	15,200	3.4	2.6	53,100	39,200
Otter Tail	106,700	109,100	2.8	2.9	295,000	315,200
Pope	23,000	23,100	3.7	3.4	84,800	78,000
Swift	9,500	10,300	3.6	3.4	34,500	34,800
Wilkin	7,300	7,200	3.3	2.6	24,000	18,400
Yellow Medicine	11,800	11,700	3.6	3.3	42,700	38,100
Other Counties	14,900	14,600	3.6	3.1	53,700	45,900
West Central	232,600	234,900	3.1	2.9	721,100	682,200
Benton	27,200	25,300	2.6	2.3	70,300	57,900
Carver	21,300	21,500	3.5	3.1	74,700	66,800
Kandiyohi	21,700	21,100	3.8	3.4	82,600	72,400
McLeod	15,100	14,200	3.6	3.7	54,900	52,300
Meeker	15,600	15,300	3.3	3.1	51,800	48,100
Morrison	83,800	78,400	2.9	2.3	239,500	182,500
Renville	7,500	7,600	4.2	4.0	31,300	30,700
Scott	17,000	16,500	3.5	2.5	59,200	40,900
Sherburne	9,900	9,800	2.5	1.7	24,800	16,400
Sibley	11,400	10,800	3.9	3.8	44,400	40,800
Stearns	112,100	107,400	3.7	3.1	412,600	334,000
Todd	69,100	65,900	2.9	2.3	197,800	152,300
Wadena	33,600	32,100	2.1	1.6	70,600	52,600
Wright	30,400	29,300	2.9	3.0	87,900	88,200
Central	475,700	455,200	3.2	2.7	1,502,400	1,235,900

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**ALL HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Tons -----		----- Tons -----	
Aitkin	52,100	52,000	1.6	1.3	81,500	65,600
Carlton	38,200	37,400	1.9	1.5	70,700	54,300
Chisago	14,700	14,600	3.0	2.3	44,000	33,100
Crow Wing	33,800	34,600	1.6	1.3	54,900	45,700
Hennepin	8,900	9,600	3.1	1.8	27,400	16,900
Isanti	15,300	16,000	2.5	1.8	38,000	28,100
Kanabec	34,800	35,700	2.3	2.0	78,300	69,700
Mille Lacs	29,700	30,800	2.3	2.1	69,200	65,800
Pine	61,900	60,200	2.2	1.8	133,300	108,300
Washington	14,800	15,800	2.9	2.2	42,400	34,200
Other Counties	8,500	9,200	2.4	1.9	20,300	17,500
East Central	312,700	315,900	2.1	1.7	660,000	539,200
Cottonwood	6,900	7,200	3.3	3.1	22,800	22,400
Jackson	5,700	6,000	3.0	3.3	17,100	19,600
Lincoln	17,300	17,300	3.4	3.4	59,400	58,400
Lyon	11,100	11,300	4.0	3.9	44,300	44,000
Murray	13,600	14,500	3.5	3.7	47,300	53,700
Nobles	13,100	13,400	3.1	3.3	41,200	44,800
Pipestone	14,400	13,900	3.2	3.4	46,600	47,400
Redwood	8,300	8,900	3.6	3.5	30,200	31,100
Rock	12,900	12,600	3.2	3.2	40,900	40,200
Southwest	103,300	105,100	3.4	3.4	349,800	361,600
Blue Earth	7,400	7,300	2.9	2.8	21,200	20,500
Brown	10,600	10,600	4.3	3.2	45,400	34,400
Freeborn	8,400	8,200	3.7	3.3	31,200	27,200
Le Sueur	9,000	8,400	3.1	3.4	28,100	28,500
Rice	14,700	14,600	3.5	3.2	51,300	46,300
Steele	9,600	9,600	3.8	3.3	36,100	32,000
Waseca	6,000	5,900	3.7	3.1	22,000	18,200
Other Counties	15,800	16,500	3.6	3.7	56,900	60,300
South Central	81,500	81,100	3.6	3.3	292,200	267,400
Dakota	12,100	12,400	3.7	3.0	44,900	36,600
Dodge	8,100	8,000	3.7	3.2	29,700	25,600
Fillmore	50,800	53,000	3.9	3.6	199,200	191,100
Goodhue	35,000	35,500	3.7	3.2	128,400	113,000
Houston	36,100	35,600	3.7	3.8	133,700	135,200
Mower	11,400	12,000	3.5	2.9	40,400	34,700
Olmsted	27,600	27,500	3.6	3.4	100,600	93,800
Wabasha	36,900	38,200	4.2	3.6	153,600	136,100
Winona	46,100	44,600	4.1	4.2	188,500	185,200
Southeast	264,100	266,800	3.9	3.6	1,019,000	951,300
Minnesota	2,100,000	2,075,000	2.8	2.5	5,810,000	5,245,000

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**ALFALFA HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Becker	33,600	33,600	2.6	2.6	87,000	87,400
Clay	20,300	21,200	3.3	3.3	68,000	70,000
Clearwater	34,900	34,800	2.2	2.2	76,400	76,500
Kittson	20,500	19,500	2.4	2.9	48,600	56,500
Mahnomen	16,400	15,800	3.0	2.4	49,200	37,900
Marshall	27,300	26,800	2.3	2.1	62,000	56,300
Norman	11,800	11,900	3.0	2.9	35,800	34,500
Pennington	22,800	22,400	2.5	2.8	57,700	62,700
Polk	26,900	27,800	2.7	2.5	71,800	69,500
Red Lake	13,500	13,100	2.7	3.0	36,300	39,300
Roseau	36,500	38,200	2.2	2.5	81,400	95,500
Northwest	264,500	265,100	2.5	2.6	674,200	686,100
Beltrami	32,100	32,000	2.2	2.0	70,300	64,000
Cass	11,800	10,000	2.1	1.3	25,000	13,000
Hubbard	9,000	8,900	2.3	1.8	20,400	16,000
Itasca	8,300	8,000	2.0	1.5	16,900	12,000
Koochiching	11,500	10,000	1.9	1.6	21,600	16,000
Lake of the Woods	7,300	7,100	1.6	1.7	11,600	12,100
North Central	80,000	76,000	2.1	1.8	165,800	133,100
St Louis	9,000	8,900	1.9	2.1	16,700	18,600
Other Counties	500	400	2.6	2.0	1,300	800
Northeast	9,500	9,300	1.9	2.1	18,000	19,400
Big Stone	4,100	4,200	3.5	2.8	14,300	11,800
Chippewa	4,000	3,800	3.7	2.8	14,900	10,600
Douglas	21,500	21,300	3.1	2.7	67,500	57,500
Grant	5,400	5,300	3.6	3.0	19,300	15,900
Lac Qui Parle	10,700	10,500	3.9	3.1	41,700	32,600
Otter Tail	85,100	86,500	3.0	3.2	257,000	276,800
Pope	19,700	19,200	3.9	3.7	77,400	71,000
Stevens	7,000	7,000	3.9	3.2	27,400	22,400
Swift	7,900	8,200	4.1	3.8	32,100	31,200
Traverse	6,500	5,900	3.7	3.5	23,900	20,700
Wilkin	6,000	5,800	3.8	2.8	22,500	16,200
Yellow Medicine	9,600	9,200	4.0	3.6	38,400	33,100
West Central	187,500	186,900	3.4	3.2	636,400	599,800
Benton	18,700	16,500	3.0	2.5	55,900	41,200
Carver	17,700	17,400	3.8	3.3	67,100	57,400
Kandiyohi	18,600	17,800	4.1	3.7	76,300	65,800
McLeod	11,500	10,700	4.1	4.3	46,800	46,000
Meeker	13,100	12,700	3.6	3.4	47,200	43,200
Morrison	48,500	42,800	3.5	2.6	169,300	111,300
Renville	6,400	6,600	4.4	4.4	28,400	29,000
Scott	13,300	12,700	3.8	2.8	50,900	35,600
Sherburne	7,700	7,300	2.8	1.7	21,400	12,400
Sibley	8,900	8,200	4.4	4.3	39,300	35,300
Stearns	91,800	86,900	4.0	3.3	369,000	286,800
Todd	49,400	44,700	3.3	2.6	161,500	116,200
Wadena	17,300	15,600	2.8	2.1	49,100	32,800
Wright	25,900	24,700	3.1	3.2	79,000	79,000
Central	348,800	324,600	3.6	3.1	1,261,200	992,000

1/ Counties with less than 1,000 acres harvested for hay are not listed separately, but are combined under Other Counties.

**ALFALFA HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Tons -----		----- Tons -----	
Aitkin	8,300	8,200	2.1	1.6	17,600	13,100
Carlton	11,000	11,200	2.2	1.8	24,700	20,200
Chisago	11,100	10,700	3.4	2.4	37,500	25,700
Crow Wing	10,300	10,500	2.3	1.6	23,200	16,800
Hennepin	7,200	7,900	3.4	1.8	24,200	14,200
Isanti	11,600	12,500	2.8	1.8	32,400	22,500
Kanabec	13,700	13,800	3.0	2.2	41,400	30,300
Mille Lacs	11,200	12,200	3.0	2.8	34,000	34,200
Pine	22,100	19,900	2.7	2.2	60,100	43,800
Washington	11,800	12,700	3.1	2.3	36,500	29,200
Other Counties	6,300	6,900	2.6	2.0	16,600	13,800
East Central	124,600	126,500	2.8	2.1	348,200	263,800
Cottonwood	5,700	5,800	3.5	3.4	20,100	19,700
Jackson	4,100	4,200	3.6	3.8	14,600	16,000
Lincoln	14,900	14,700	3.6	3.6	54,200	52,900
Lyon	9,900	10,200	4.2	4.1	41,600	41,800
Murray	11,500	12,100	3.7	4.0	42,900	48,400
Nobles	9,600	9,500	3.7	3.9	35,100	37,000
Pipestone	11,000	10,700	3.6	3.8	39,700	40,700
Redwood	7,200	7,800	3.9	3.7	27,900	28,900
Rock	8,500	8,100	3.8	3.8	32,300	30,800
Southwest	82,400	83,100	3.7	3.8	308,400	316,200
Blue Earth	4,200	3,700	3.3	3.4	13,900	12,600
Brown	9,200	9,100	4.7	3.4	43,100	30,900
Faribault	2,700	2,500	3.5	4.2	9,500	10,500
Freeborn	7,100	6,900	3.9	3.5	27,800	24,200
Le Sueur	7,300	6,500	3.4	3.7	24,500	24,100
Martin	3,300	3,400	4.0	4.1	13,100	13,900
Nicollet	5,300	5,400	4.1	4.1	21,700	22,100
Rice	12,600	12,500	3.7	3.3	46,400	41,300
Steele	8,300	8,400	4.0	3.5	33,400	29,400
Waseca	5,000	4,800	3.9	3.3	19,600	15,800
Watsonwan	1,700	1,800	3.6	3.5	6,100	6,300
South Central	66,700	65,000	3.9	3.6	259,100	231,100
Dakota	9,900	10,100	3.9	3.1	38,600	31,300
Dodge	7,000	6,800	3.9	3.4	27,400	23,100
Fillmore	46,900	48,800	4.1	3.7	190,900	180,600
Goodhue	31,800	32,100	3.8	3.3	119,900	105,900
Houston	33,100	32,800	3.8	3.9	127,100	127,900
Mower	9,400	9,900	3.8	3.0	35,500	29,700
Olmsted	24,700	24,700	3.8	3.5	93,100	86,500
Wabasha	33,000	34,200	4.3	3.7	142,900	126,500
Winona	40,200	39,100	4.3	4.4	173,300	172,000
Southeast	236,000	238,500	4.0	3.7	948,700	883,500
Minnesota	1,400,000	1,375,000	3.3	3.0	4,620,000	4,125,000

1/ Counties with less than 1,000 acres harvested for hay are not listed separately, but are combined under Other Counties.

**BARLEY: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		---- Bushels ----		----- Bushels -----	
Clay	5,300	7,000	5,000	6,800	45.0	69.0	225,000	469,200
Kittson	8,600	8,600	8,000	8,300	45.0	82.0	360,000	680,600
Mahnomen	3,500	4,900	2,900	4,700	35.0	71.0	101,500	333,700
Marshall	38,900	41,600	35,500	39,900	41.0	81.2	1,455,500	3,240,000
Norman	12,300	11,100	7,600	10,300	36.0	72.7	273,600	748,800
Pennington	9,900	9,600	8,300	9,300	32.0	76.0	265,600	706,800
Polk	19,300	19,500	16,500	18,700	45.0	77.4	742,500	1,447,600
Red Lake	3,400	3,600	2,600	3,500	33.0	81.0	85,800	283,500
Roseau	32,200	30,400	17,900	29,300	25.0	82.3	447,500	2,410,800
Other Counties	2,500	1,900	2,200	1,600	43.7	63.3	96,200	101,300
Northwest	135,900	138,200	106,500	132,400	38.1	78.7	4,053,200	10,422,300
Beltrami	1,300	1,000	1,200	900	30.0	58.0	36,000	52,200
Lake of the Woods	--	2,000	--	1,800	--	72.0	--	129,600
Other Counties	1,600	500	1,100	400	27.9	62.0	30,700	24,800
North Central	2,900	3,500	2,300	3,100	29.0	66.6	66,700	206,600
Other Counties	300	100	200	100	22.0	60.0	4,400	6,000
Northeast	300	100	200	100	22.0	60.0	4,400	6,000
Douglas	1,500	1,700	1,400	1,500	38.0	61.6	53,200	92,400
Grant	1,600	2,100	1,500	1,900	54.0	66.3	81,000	126,000
Otter Tail	4,600	4,600	4,100	3,900	43.0	58.4	176,300	227,800
Traverse	1,900	2,700	1,800	2,500	56.0	70.0	100,800	175,000
Wilkin	3,900	3,900	3,800	3,400	61.0	70.0	231,800	238,000
Other Counties	800	1,900	800	1,500	50.5	55.5	40,400	83,300
West Central	14,300	16,900	13,400	14,700	51.0	64.1	683,500	942,500
Benton	1,300	1,200	500	1,100	32.0	34.0	16,000	37,400
Meeker	1,000	--	900	--	41.0	--	36,900	--
Morrison	1,900	1,800	1,500	1,000	45.0	42.0	67,500	42,000
Stearns	7,700	6,400	5,400	4,600	48.0	61.0	259,200	280,600
Todd	3,000	2,100	2,800	1,100	34.0	45.0	95,200	49,500
Wadena	1,900	1,300	1,700	1,000	60.0	56.1	102,000	56,100
Wright	1,000	--	700	--	34.0	--	23,800	--
Other Counties	2,400	3,400	2,000	1,800	53.0	58.3	106,000	104,900
Central	20,200	16,200	15,500	10,600	45.6	53.8	706,600	570,500
Other Counties	2,000	2,200	1,700	1,200	33.3	39.2	56,600	47,000
East Central	2,000	2,200	1,700	1,200	33.3	39.2	56,600	47,000
Pipestone	2,500	2,500	2,100	2,100	53.0	72.0	111,300	151,200
Other Counties	2,200	1,700	1,900	1,200	53.8	76.2	102,200	91,400
Southwest	4,700	4,200	4,000	3,300	53.4	73.5	213,500	242,600
Other Counties	1,700	1,500	1,200	900	55.1	69.3	66,100	62,400
South Central	1,700	1,500	1,200	900	55.1	69.3	66,100	62,400
Goodhue	1,500	1,400	900	700	59.0	64.0	53,100	44,800
Wabasha	1,800	1,800	1,100	700	51.0	68.0	56,100	47,600
Winona	1,700	1,300	1,100	400	65.0	68.0	71,500	27,200
Other Counties	3,000	2,700	2,100	1,900	56.5	68.7	118,700	130,500
Southeast	8,000	7,200	5,200	3,700	57.6	67.6	299,400	250,100
Minnesota	190,000	190,000	150,000	170,000	41.0	75.0	6,150,000	12,750,000

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties or Other Districts. Counties denoted with "--" are also less than 1,000 acres and are included in Other Counties.

BARLEY: Percent Seeded by Selected Variety, Minnesota, 1999-2003

Variety	Percent of State Total					2003 Acres Planted
	1999	2000	2001	2002	2003	
Conlon	1/	1/	1/	1/	2.0	3,800
Excel	2.1	1.7	1/	1.8	2.2	4,100
Lacey	1/	1/	9.6	29.1	32.3	61,400
Legacy	1/	1/	1/	2.1	1.3	2,400
Robust	63.9	77.9	74.4	56.7	57.3	108,900
Royal	1/	2.1	2.0	2.8	1.5	2,900
Stander	25.0	11.9	7.4	3.2	1.5	2,800
Other	9.0	6.4	6.6	4.3	1.9	3,700
Total	100.0	100.0	100.0	100.0	100.0	190,000

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

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

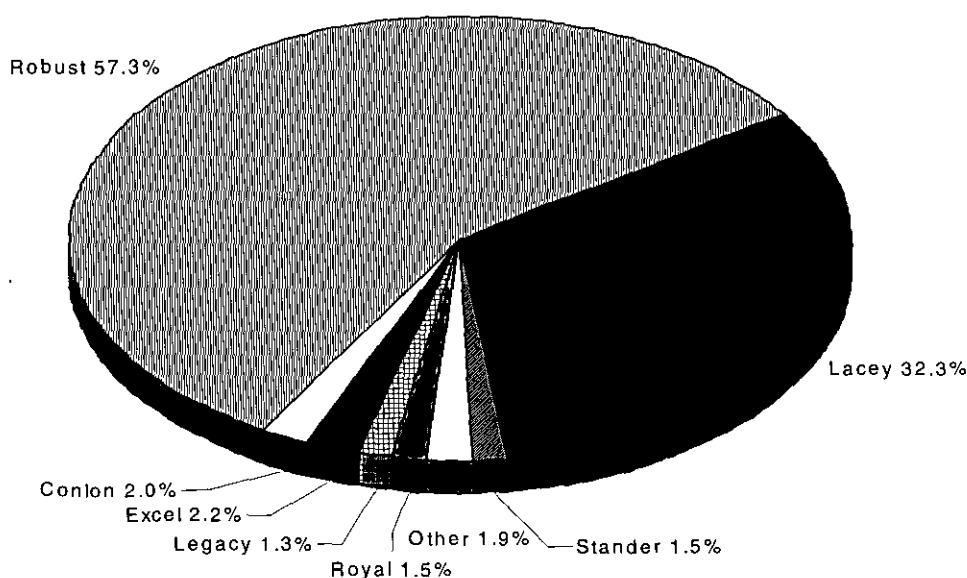


BARLEY: Acreage Seeded, by District and Variety, Minnesota, 2003

Variety	Northwest	West Central	Central	Southeast	Other Districts	State
	<u>Acres</u>					
Conlon	3,800	1/	1/	1/	1/	3,800
Excel	3,900	1/	100	1/	100	4,100
Lacey	48,900	4,700	3,000	1,300	3,500	61,400
Legacy	2,000	1/	300	100	1/	2,400
Robust	73,000	11,400	13,800	3,600	7,100	108,900
Royal	1/	1/	400	2,000	500	2,900
Stander	700	1/	700	700	700	2,800
Other	600	800	1,200	400	700	3,700
Total	132,900	16,900	19,500	8,100	12,600	190,000

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

BARLEY: PERCENT OF TOTAL SEEDED, MINNESOTA, 2003



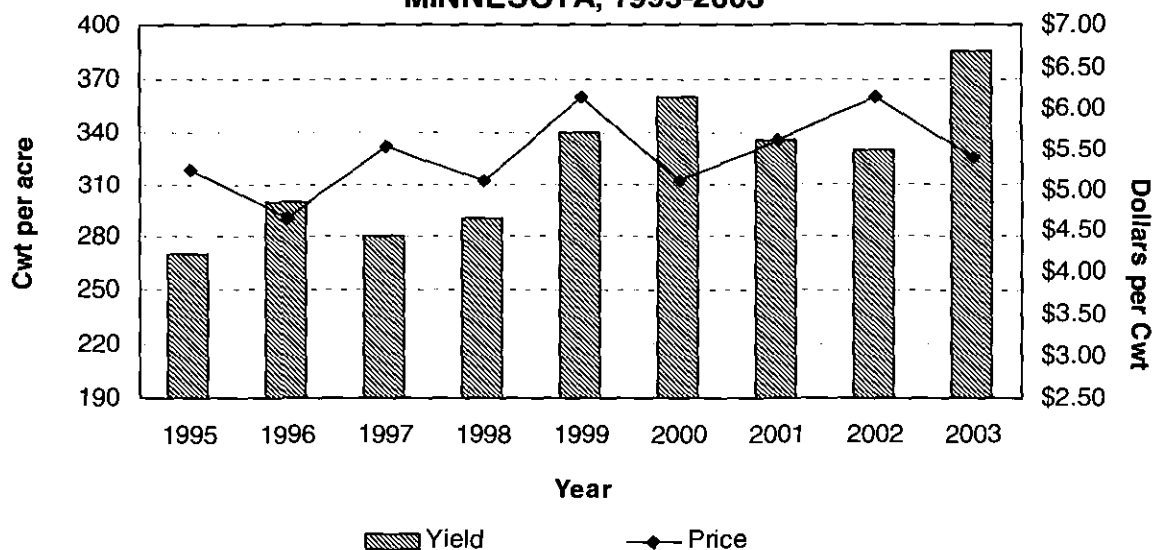
Note: "Other" includes varieties with less than one percent of the state's 2003 barley acreage

POTATOES: Acreage, Yield, and Production, by County and District, Minnesota, 2002-03

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		----- Cwt -----		----- Cwt -----	
Clay	2,600	3,200	2,300	3,100	195	225	448,500	697,500
Kittson	2,200	1,700	1,500	1,600	175	165	262,500	264,000
Marshall	2,800	2,400	2,000	2,200	155	160	310,000	352,000
Polk	8,300	6,900	6,600	6,600	195	225	1,287,000	1,485,000
Red Lake	1,100	1,000	900	1,000	165	230	148,500	230,000
Other Counties	4,000	4,300	3,900	4,200	413	480	1,610,000	2,017,000
Northwest	21,000	19,500	17,200	18,700	236	270	4,066,500	5,045,500
Benton	3,000	2,100	2,600	1,900	275	430	715,000	817,000
Morrison	2,900	2,900	2,800	2,700	380	365	1,064,000	985,500
Sherburne	8,200	7,600	7,900	7,400	315	365	2,488,500	2,701,000
Todd	1,900	2,000	1,900	1,900	360	395	684,000	750,500
Other Counties	3,600	4,700	3,600	4,600	405	486	1,456,500	2,235,500
Central	19,600	19,300	18,800	18,500	341	405	6,408,000	7,489,500
Freeborn	2,000	2,200	2,000	2,200	300	320	600,000	704,000
Other Counties	400	200	400	200	300	310	120,000	62,000
South Central	2,400	2,400	2,400	2,400	300	319	720,000	766,000
Other Districts	19,000	18,800	18,600	18,400	409	491	7,615,500	9,029,000
Minnesota	62,000	60,000	57,000	58,000	330	385	18,810,000	22,330,000

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties or Other Districts. Counties denoted with "--" are also less than 1,000 acres and are included in Other Counties. Counties where one producer represents more than 60% of the total county data are not listed separately, but are combined under Other Counties or Other Districts.

POTATOES: YIELDS AND PRICES, MINNESOTA, 1995-2003



SUGARBEETS: Acreage, Yield, and Production, by County and District, Minnesota, 2002-03

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		----- Tons -----		----- Tons -----	
Becker	9,000	10,300	8,900	10,200	18.2	20.5	161,600	209,000
Clay	57,500	55,000	56,200	54,500	16.8	19.4	941,500	1,057,500
Kittson	38,400	34,100	37,800	33,800	17.6	20.1	663,600	679,200
Mahnomen	4,600	4,400	4,500	4,300	12.4	19.7	55,700	84,800
Marshall	46,600	45,400	44,600	44,900	16.9	19.2	755,400	861,700
Norman	46,100	46,300	42,100	45,600	14.9	20.3	625,700	923,900
Polk	102,900	99,200	99,400	98,100	17.8	21.3	1,764,700	2,090,500
Red Lake	1,300	1,100	1,300	1,000	14.8	23.9	19,200	23,900
Other Counties	200	100	200	100	20.0	23.0	4,000	2,300
Northwest	306,600	295,900	295,000	292,500	16.9	20.3	4,991,400	5,932,800
Chippewa	34,300	31,500	29,500	31,400	21.4	22.3	632,600	700,500
Grant	11,200	12,500	11,100	12,400	20.4	17.6	226,600	217,800
Otter Tail	4,000	4,100	3,900	4,100	19.8	20.0	77,300	82,100
Pope	3,100	3,200	3,100	3,200	20.0	22.0	61,900	70,400
Stevens	3,800	3,300	3,700	3,200	22.5	22.0	83,300	70,300
Swift	6,200	6,200	5,400	6,200	21.3	20.9	114,900	129,700
Traverse	10,500	10,800	10,400	10,500	21.0	18.5	218,400	194,200
Wilkin	49,500	48,100	49,000	47,500	22.0	20.6	1,077,700	980,500
Yellow Medicine	3,300	3,000	2,900	3,000	23.7	23.5	68,800	70,600
Other Counties	1,300	1,100	1,200	1,100	14.8	17.2	17,800	18,900
West Central	127,200	123,800	120,200	122,600	21.5	20.7	2,579,300	2,535,000
Kandiyohi	14,400	15,500	10,600	15,200	22.1	22.3	233,800	338,500
McLeod	1,500	2,300	1,500	2,300	18.9	19.7	28,400	45,400
Meeker	1,500	2,200	800	2,200	18.8	21.4	15,000	47,000
Renville	43,300	40,400	39,000	40,300	21.5	21.7	839,900	874,500
Sibley	3,600	3,100	3,200	3,100	19.6	21.0	62,700	65,000
Stearns	2,100	2,500	1,600	2,500	19.1	20.8	30,600	52,100
Central	66,400	66,000	56,700	65,600	21.3	21.7	1,210,400	1,422,500
Redwood	3,900	5,100	3,500	5,100	17.8	22.8	62,300	116,200
Other Counties	500	600	400	600	15.3	19.5	6,100	11,700
Southwest	4,400	5,700	3,900	5,700	17.5	22.4	68,400	127,900
Other Districts	400	600	200	600	22.5	23.0	4,500	13,800
Minnesota	505,000	492,000	476,000	487,000	18.6	20.6	8,854,000	10,032,000

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties or Other Districts. Counties denoted with "--" are also less than 1,000 acres and are included in Other Counties.



**DRY EDIBLE BEANS: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		---- Pounds ----		----- Cwt -----	
Becker	2,000	1,000	1,900	900	1,550	1,600	29,450	14,400
Clay	4,600	2,500	4,500	2,400	1,800	1,800	81,000	43,200
Kittson	3,800	1,100	2,400	1,000	1,350	1,500	32,400	15,000
Mahnomen	3,000	2,000	2,600	1,900	1,550	1,700	40,300	32,300
Marshall	16,800	10,800	13,700	10,500	1,200	1,600	164,400	168,000
Norman	6,400	3,300	6,300	2,900	1,500	1,450	94,500	42,050
Polk	56,700	42,400	49,700	41,000	1,450	1,500	720,650	615,000
Red Lake	1,400	1,100	1,300	900	1,600	1,500	20,800	13,500
Other Counties	900	400	600	400	1,558	1,500	9,350	6,000
Northwest	95,600	64,600	83,000	61,900	1,437	1,534	1,192,850	949,450
Hubbard	7,400	7,800	7,300	7,600	2,100	2,200	153,300	167,200
Other Counties	800	700	700	700	1,614	1,679	11,300	11,750
North Central	8,200	8,500	8,000	8,300	2,058	2,156	164,600	178,950
Chippewa	2,800	2,000	2,400	1,900	2,200	2,300	52,800	43,700
Grant	4,700	1,500	4,500	1,400	1,700	1,650	76,500	23,100
Otter Tail	11,800	9,900	11,400	9,700	1,850	1,750	210,900	169,750
Pope	2,700	2,000	2,600	1,900	2,350	2,000	61,100	38,000
Stevens	2,400	2,200	2,300	1,900	2,400	2,100	55,200	39,900
Swift	4,800	2,100	4,700	2,000	2,350	1,800	110,450	36,000
Traverse	1,300	1,200	1,300	800	2,450	1,700	31,850	13,600
Wilkin	1,100	--	1,100	--	2,050	--	22,550	--
Other Counties	1,800	2,400	1,700	2,200	2,000	1,648	34,000	36,250
West Central	33,400	23,300	32,000	21,800	2,048	1,836	655,350	400,300
Benton	1,500	--	1,500	--	1,850	--	27,750	--
Kandiyohi	5,600	3,300	5,500	3,200	1,950	1,950	107,250	62,400
Morrison	5,300	3,500	5,200	3,400	1,650	1,650	85,800	56,100
Renville	6,800	3,400	6,700	3,300	2,650	2,150	177,550	70,950
Sherburne	2,200	1,200	2,100	1,100	2,150	2,100	45,150	23,100
Stearns	1,600	1,300	1,600	1,200	1,850	1,800	29,600	21,600
Todd	1,100	--	1,000	--	1,500	--	15,000	--
Wadena	5,100	2,700	5,000	2,600	1,800	1,650	90,000	42,900
Other Counties	2,200	2,200	2,100	2,200	2,150	1,911	45,150	42,050
Central	31,400	17,600	30,700	17,000	2,030	1,877	623,250	319,100
Other Districts	1,400	1,000	1,300	1,000	2,304	2,220	29,950	22,200
Minnesota	170,000	115,000	155,000	110,000	1,720	1,700	2,666,000	1,870,000

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**ALL SUNFLOWERS: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		----- Pounds -----		----- Pounds -----	
Clay	6,300	6,000	6,200	5,800	1,398	1,666	8,670,000	9,660,000
Kittson	6,800	10,300	6,600	10,100	1,375	1,671	9,075,000	16,875,000
Marshall	10,900	13,800	10,400	13,600	1,238	1,763	12,880,000	23,980,000
Norman	9,500	13,000	9,300	12,700	1,233	1,460	11,470,000	18,545,000
Pennington	3,400	3,700	3,200	3,500	1,186	1,796	3,795,000	6,285,000
Polk	6,900	7,500	6,700	7,300	1,449	1,705	9,710,000	12,450,000
Red Lake	1,500	2,000	1,400	1,900	1,136	1,684	1,590,000	3,200,000
Roseau	11,600	14,200	7,400	14,000	1,046	1,523	7,740,000	21,315,000
Other Counties	1,300	1,700	1,300	1,700	1,219	1,579	1,585,000	2,685,000
Northwest	58,200	72,200	52,500	70,600	1,267	1,629	66,515,000	114,995,000
Other Counties	--	1,300	--	1,300	--	1,204	--	1,565,000
North Central	--	1,300	--	1,300	--	1,204	--	1,565,000
Otter Tail	2,900	3,900	2,900	3,800	1,560	1,592	4,525,000	6,050,000
Traverse	--	1,700	--	1,700	--	1,035	--	1,760,000
Wilkin	5,200	6,500	5,000	6,300	1,234	1,838	6,170,000	11,580,000
Other Counties	500	2,100	500	2,100	1,550	1,548	775,000	3,250,000
West Central	8,600	14,200	8,400	13,900	1,365	1,629	11,470,000	22,640,000
Other Counties	2,200	2,000	2,100	1,900	1,579	1,200	3,315,000	2,280,000
Central	2,200	2,000	2,100	1,900	1,579	1,200	3,315,000	2,280,000
Other Districts	1,000	300	1,000	300	1,550	1,067	1,550,000	320,000
Minnesota	70,000	90,000	64,000	88,000	1,295	1,611	82,850,000	141,800,000

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OIL SUNFLOWERS: Acreage, Yield, and Production, by County and District, Minnesota, 2002-03

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		---- Pounds ----		----- Pounds -----	
Clay	4,500	4,900	4,400	4,800	1,500	1,700	6,600,000	8,160,000
Kittson	3,400	6,200	3,300	6,100	1,550	1,750	5,115,000	10,675,000
Marshall	8,400	10,100	8,000	10,000	1,250	1,750	10,000,000	17,500,000
Norman	3,200	5,200	3,100	5,100	1,400	1,550	4,340,000	7,905,000
Pennington	1,100	1,700	1,100	1,600	1,350	1,850	1,485,000	2,960,000
Polk	4,100	4,700	4,000	4,600	1,550	1,650	6,200,000	7,590,000
Roseau	5,300	7,000	3,400	6,900	1,100	1,700	3,740,000	11,730,000
Other Counties	1,800	2,000	1,700	2,000	1,312	1,563	2,230,000	3,125,000
Northwest	31,800	41,800	29,000	41,100	1,369	1,695	39,710,000	69,645,000
Wilkin	2,200	3,800	2,100	3,700	1,350	1,900	2,835,000	7,030,000
Other Counties	3,000	6,200	3,000	6,100	1,537	1,426	4,610,000	8,700,000
West Central	5,200	10,000	5,100	9,800	1,460	1,605	7,445,000	15,730,000
Other Counties	2,200	--	2,100	--	1,579	--	3,315,000	--
Central	2,200	--	2,100	--	1,579	--	3,315,000	--
Other Districts	800	3,200	800	3,100	1,663	1,202	1,330,000	3,725,000
Minnesota	40,000	55,000	37,000	54,000	1,400	1,650	51,800,000	89,100,000

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties or Other Districts. Counties denoted with "--" are also less than 1,000 acres and are included in Other Counties.

FLAXSEED: Acreage, Yield, and Production, by County and District, Minnesota, 2002-03

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		--- Bushels ---		----- Bushels -----	
Roseau	1,600	3,700	1,000	3,300	12.0	24.0	12,000	79,200
Other Counties	2,400	2,600	2,300	2,300	17.5	24.4	40,300	56,100
Northwest	4,000	6,300	3,300	5,600	15.8	24.2	52,300	135,300
North Central	--	1,100	--	900	--	19.0	--	17,100
Other Districts	1,000	600	700	500	16.7	17.2	11,700	8,600
Minnesota	5,000	8,000	4,000	7,000	16.0	23.0	64,000	161,000

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**SWEET CORN FOR PROCESSING: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		----- Tons -----		----- Tons -----	
Pope	2,000	1,700	1,900	1,600	6.9	6.3	13,100	10,100
Other Counties	200	400	200	400	6.0	5.5	1,200	2,200
West Central	2,200	2,100	2,100	2,000	6.8	6.2	14,300	12,300
Kandiyohi	3,100	3,300	3,000	3,200	7.1	6.3	21,300	20,200
McLeod	2,100	1,900	2,000	1,800	6.8	6.9	13,600	12,400
Meeker	1,300	1,200	1,200	1,100	6.6	7.1	7,900	7,800
Renville	27,300	29,400	25,700	29,300	6.5	6.9	167,030	202,200
Sibley	10,200	8,700	9,600	8,600	5.8	6.9	55,700	59,300
Stearns	1,300	--	1,200	--	6.0	--	7,200	--
Other Counties	1,600	2,400	1,500	2,300	6.7	6.6	10,000	15,200
Central	46,900	46,900	44,200	46,300	6.4	6.9	282,730	317,100
Redwood	6,300	6,900	6,000	6,800	6.6	7.3	39,600	49,600
Other Counties	100	200	100	200	6.0	7.0	600	1,400
Southwest	6,400	7,100	6,100	7,000	6.6	7.3	40,200	51,000
Blue Earth	2,500	2,200	2,300	2,100	6.4	6.7	14,700	14,100
Brown	8,600	10,600	8,200	10,400	5.9	7.0	48,400	72,800
Faribault	7,300	6,100	6,400	6,000	6.8	7.3	43,500	43,800
Freeborn	10,000	9,500	9,200	9,400	7.2	7.7	66,300	72,400
Le Sueur	1,800	1,400	1,600	1,300	6.4	6.2	10,200	8,100
Martin	2,100	2,200	1,900	2,100	7.0	7.5	13,300	15,700
Nicollet	3,800	3,000	3,600	2,900	5.8	6.8	20,900	19,700
Steele	8,100	8,600	6,800	8,100	6.4	6.6	43,500	53,500
Waseca	7,000	6,500	6,700	6,400	6.6	6.9	44,200	44,200
Other Counties	1,400	1,400	1,300	1,300	6.6	7.0	8,600	9,100
South Central	52,600	51,500	48,000	50,000	6.5	7.1	313,600	353,400
Dakota	5,600	3,200	5,200	3,100	5.8	6.8	30,200	21,100
Dodge	3,700	2,900	3,300	2,900	7.1	6.4	23,400	18,600
Fillmore	--	1,500	--	1,500	--	5.5	--	8,200
Goodhue	5,600	5,100	5,100	5,000	6.1	6.2	31,100	31,000
Mower	10,000	8,400	9,100	8,300	7.2	5.9	65,500	49,000
Olmsted	8,200	8,300	7,700	8,200	6.2	5.7	47,800	46,700
Wabasha	4,600	4,500	4,200	4,400	5.7	5.9	23,900	26,000
Other Counties	1,400	500	1,200	500	6.4	6.2	7,700	3,100
Southeast	39,100	34,400	35,800	33,900	6.4	6.0	229,600	203,700
Other Districts	800	200	700	200	6.0	6.5	4,200	1,300
Minnesota	148,000	142,200	136,900	139,400	6.5	6.7	884,630	938,800

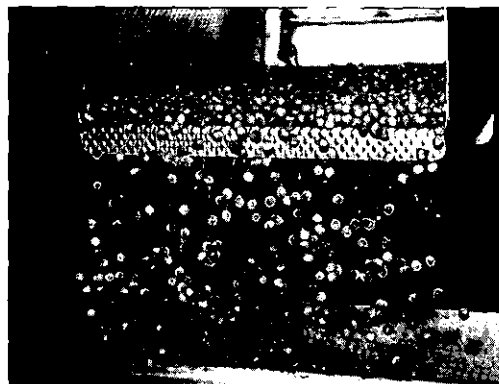
1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties or Other Districts. Counties denoted with "--" are also less than 1,000 acres and are included in Other Counties.



**GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production,
by County and District, Minnesota, 2002-03**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	2002	2003	2002	2003	2002	2003	2002	2003
	----- Acres -----		----- Acres -----		----- Tons -----		----- Tons -----	
Other Counties	1,200	1,500	1,100	1,400	1.09	1.93	1,200	2,700
West Central	1,200	1,500	1,100	1,400	1.09	1.93	1,200	2,700
Kandiyohi	1,300	2,800	1,200	2,700	1.00	1.81	1,200	4,900
McLeod	1,600	1,000	1,200	900	0.92	1.67	1,100	1,500
Meeker	1,900	3,100	1,600	2,900	1.19	1.31	1,900	3,800
Renville	13,100	19,100	12,500	18,000	1.10	1.80	13,770	32,310
Sibley	5,500	5,900	5,200	5,600	0.90	1.89	4,700	10,600
Other Counties	1,100	1,100	1,100	1,000	1.09	2.00	1,200	2,000
Central	24,500	33,000	22,800	31,100	1.05	1.77	23,870	55,110
Redwood	3,200	3,200	2,700	3,100	1.70	2.81	4,600	8,700
Other Counties	100	--	100	--	1.00	--	100	--
Southwest	3,300	3,200	2,800	3,100	1.68	2.81	4,700	8,700
Blue Earth	1,200	1,500	1,100	1,400	1.36	1.71	1,500	2,400
Brown	4,200	5,400	4,000	5,100	1.60	2.29	6,400	11,700
Faribault	3,900	3,300	3,700	2,700	1.30	1.52	4,800	4,100
Freeborn	1,900	2,600	1,800	2,400	1.61	1.58	2,900	3,800
Le Sueur	1,500	1,200	1,400	1,100	1.29	1.73	1,800	1,900
Martin	2,600	2,200	2,500	2,000	1.28	1.80	3,200	3,600
Nicollet	1,900	1,700	1,800	1,600	0.72	1.69	1,300	2,700
Steele	4,500	3,200	3,900	2,900	1.31	2.00	5,100	5,800
Waseca	2,600	2,500	2,300	2,100	1.48	1.90	3,400	4,000
Other Counties	1,000	1,100	1,000	900	1.40	1.78	1,400	1,600
South Central	25,300	24,700	23,500	22,200	1.35	1.87	31,800	41,600
Dakota	6,800	7,000	6,200	6,500	1.21	1.71	7,500	11,100
Dodge	2,000	1,900	1,900	1,800	1.58	2.11	3,000	3,800
Goodhue	3,000	2,600	2,700	2,400	1.19	2.08	3,200	5,000
Mower	6,100	5,900	5,600	5,200	1.70	2.10	9,500	10,900
Olmsted	4,400	4,900	4,200	4,600	1.71	2.30	7,200	10,600
Wabasha	1,900	2,100	1,800	2,000	1.78	2.50	3,200	5,000
Other Counties	2,000	1,900	2,000	1,500	1.60	2.40	3,200	3,600
Southeast	26,200	26,300	24,400	24,000	1.51	2.08	36,800	50,000
Minnesota	80,500	88,700	74,600	81,800	1.32	1.93	98,370	158,110

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GRAIN STOCKS: Specified Crops by Storage Position, Minnesota, 2000-2004

Year	On-Farm				All Storage Positions			
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
Corn								
	<u>1,000 Bushels</u>							
2000	540,000	400,000	155,000	760,000	730,196	518,423	251,775	992,615
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				662,234			
Soybeans								
	<u>1,000 Bushels</u>							
2000	125,000	78,000	18,500	170,000	184,604	117,768	40,589	251,633
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				101,876			
All Wheat								
	<u>1,000 Bushels</u>							
2000	31,000	18,000	82,000	65,000	58,704	41,787	122,348	90,882
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				63,197			
Oats								
	<u>1,000 Bushels</u>							
2000	7,000	4,500	15,500	12,000	23,782	18,662	29,795	32,734
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				20,290			
Barley								
	<u>1,000 Bushels</u>							
2000	3,000	1,400	12,500	10,000	35,337	31,211	37,554	36,706
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				26,631			

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

ALL HAY STOCKS: On-Farm Storage Position, Minnesota, 2000-2004

Year	May	Dec
	<u>1,000 Tons</u>	
2000	1,570	4,446
2001	960	4,213
2002	680	4,183
2003	815	3,567
2004	575	

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

Corn: Percent Marketed by Month, Minnesota, 1999-2003

Month	1999-00	2000-01	2001-02	2002-03
	Percent			
October	13	20	10	12
November	9	8	10	18
December	5	8	4	9
January	9	11	7	10
February	5	5	5	6
March	6	6	4	6
April	4	5	4	6
May	5	5	6	8
June	8	6	13	6
July	10	9	15	7
August	13	11	13	7
September	13	6	9	5

Soybeans: Percent Marketed by Month, Minnesota, 1999-2003

Month	1999-00	2000-01	2001-02	2002-03
	Percent			
September	9	12	3	7
October	24	19	20	18
November	5	7	7	11
December	6	8	9	10
January	11	13	12	12
February	6	6	6	9
March	7	6	8	7
April	5	5	4	7
May	5	7	5	6
June	6	6	9	5
July	7	6	10	5
August	9	5	7	3

All Wheat: Percent Marketed by Month, Minnesota, 1999-2003

Month	1999-00	2000-01	2001-02	2002-03
	Percent			
July	8	6	5	15
August	17	15	17	24
September	9	7	8	13
October	4	6	5	4
November	7	8	11	4
December	11	13	11	12
January	11	13	8	5
February	7	7	6	3
March	8	5	5	5
April	7	10	4	4
May	6	6	7	5
June	5	4	13	6

Oats: Percent Marketed by Month, Minnesota, 1999-2003

Month	1999-00	2000-01	2001-02	2002-03
	Percent			
July	14	22	12	18
August	34	30	30	50
September	5	6	5	5
October	6	4	5	2
November	1	3	4	2
December	2	2	9	2
January	6	6	6	4
February	4	3	6	3
March	9	6	4	3
April	5	6	9	5
May	5	9	5	4
June	9	3	5	2

Barley: Percent Marketed by Month, Minnesota, 1999-2003

Month	1999-00	2000-01	2001-02	2002-03
	Percent			
July	20	9	19	5
August	18	12	20	4
September	8	3	7	3
October	4	2	4	9
November	5	5	4	2
December	4	14	7	5
January	8	19	13	40
February	9	12	8	10
March	4	10	3	11
April	7	8	5	8
May	2	5	3	2
June	11	1	7	1

Dry Edible Beans: Percent Marketed by Month, Minnesota, 1999-2003

Month	1999-00	2000-01	2001-02	2002-03
	Percent			
September	40	16	6	22
October	22	19	39	18
November	5	10	10	4
December	5	5	17	17
January	2	5	12	8
February	3	9	3	1
March	6	6	4	7
April	5	7	4	2
May	6	6	2	2
June	3	5	2	9
July	2	8	1	4
August	1	4	--	6

Note: Months are ordered according to crop marketing 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 2003, cultivated wild rice production was 4.24 million processed pounds, down 24% from 2002.

Source: Minnesota Cultivated Wild Rice Council

MINNESOTA FERTILIZER USAGE

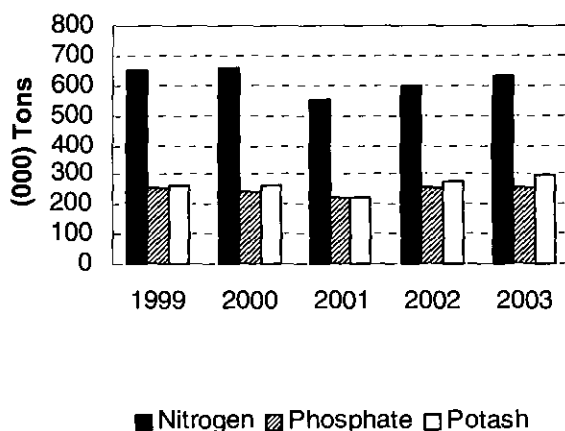
Minnesota fertilizer consumption totaled 2.3 million tons for the year ending June 30, 2003, an increase of 10% from the previous year. Minnesota was the 10th ranking state in total tonnage.

Usage of the primary nutrients is shown on the chart; nitrogen increased 6% from 2002, phosphate (P_2O_5) usage increased 1%, and potash (K_2O) usage increased 8%.

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

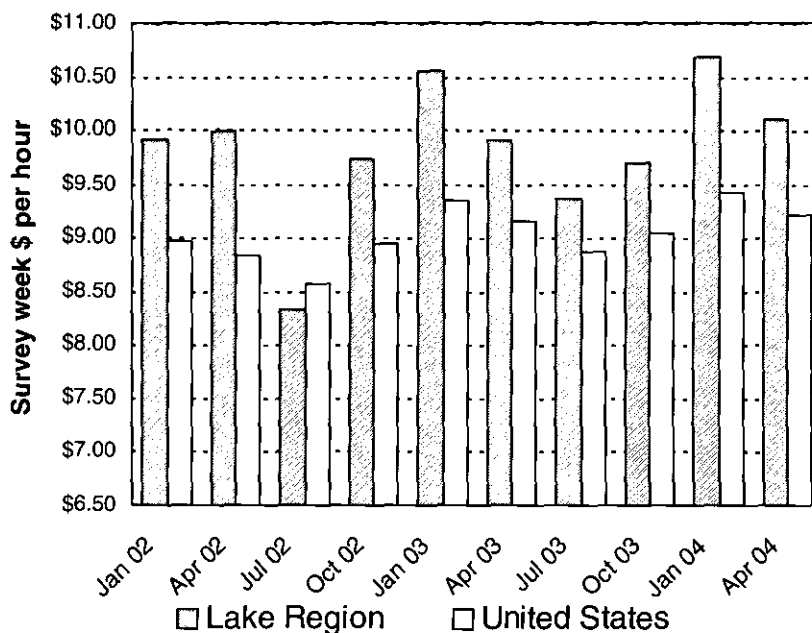


FARM LABOR

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 for 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.

ALL HIRED WORKER 1/ Wage Rate Comparison



HIRED WORKERS 1/: Annual Average Wage Rates, Minnesota 1999-2003

Year	All Hired	Field	Field & Livestock
<i>Dollars per Hour</i>			
1999	8.53	8.67	8.26
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

1/ Excludes Agricultural Service Workers.

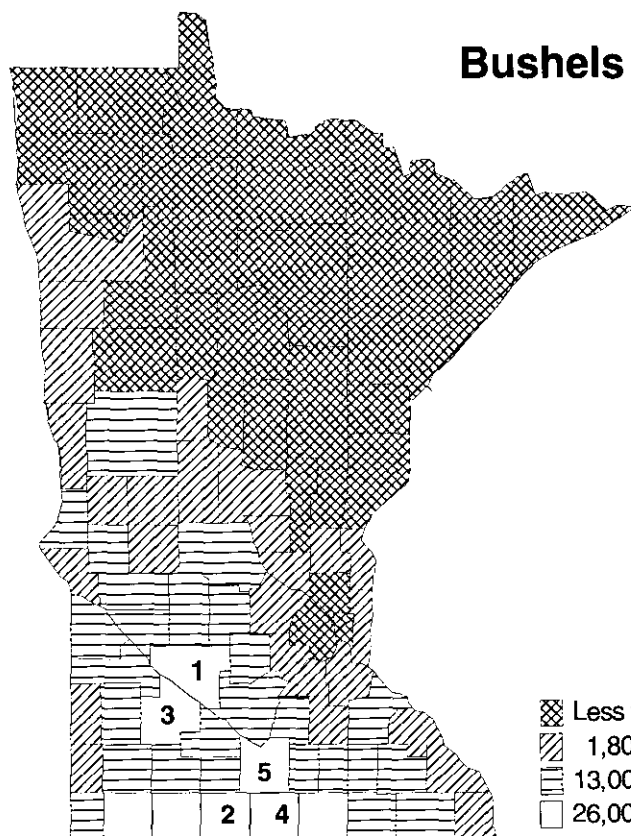
FARM LABOR: Farm Workers and Wages by Type of Work, Lake Region, 2002-2004 1/

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 -----		
2002								
January	38	33	5	33.5	9.91	10.22	8.26	8.94
April	55	42	13	36.2	9.88	9.43	8.44	9.01
July	62	44	18	34.8	8.33	7.85	7.85	7.85
October	64	41	23	34.7	9.73	9.28	9.11	9.21
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

1/ Lake Region includes Minnesota, Michigan, and Wisconsin.

CORN

Bushels Produced in 2003

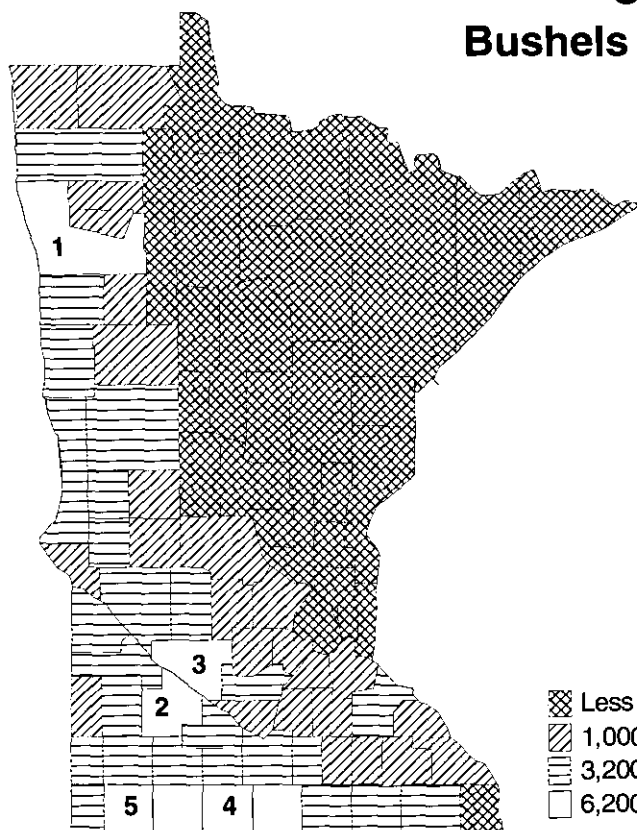


Minnesota's
Top Five
Production
Counties

- 1-Renville
- 2-Martin
- 3-Redwood
- 4-Faribault
- 5-Blue Earth

SOYBEANS

Bushels Produced in 2003

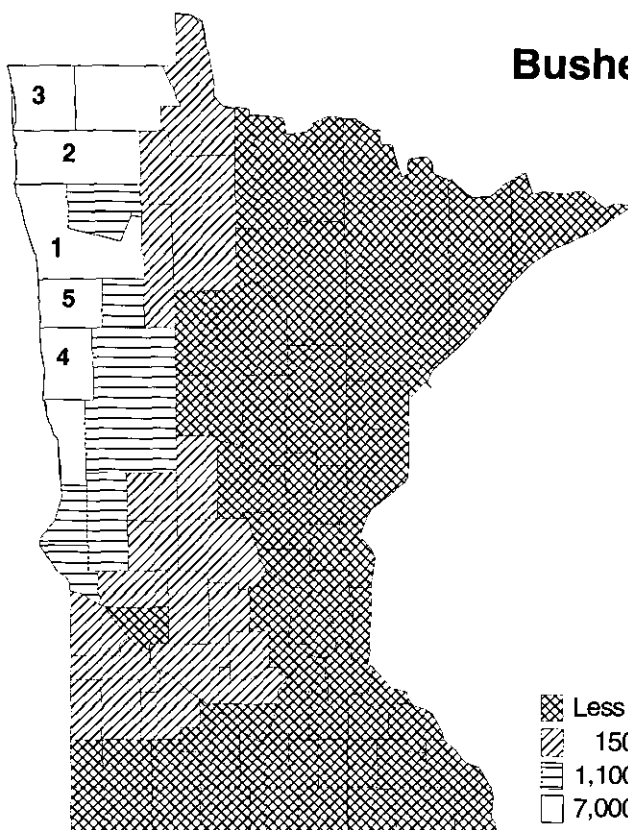


Minnesota's
Top Five
Production
Counties

- 1-Polk
- 2-Redwood
- 3-Renville
- 4-Martin
- 5-Nobles

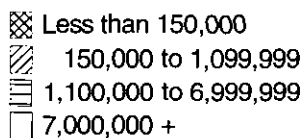
ALL WHEAT

Bushels Produced in 2003



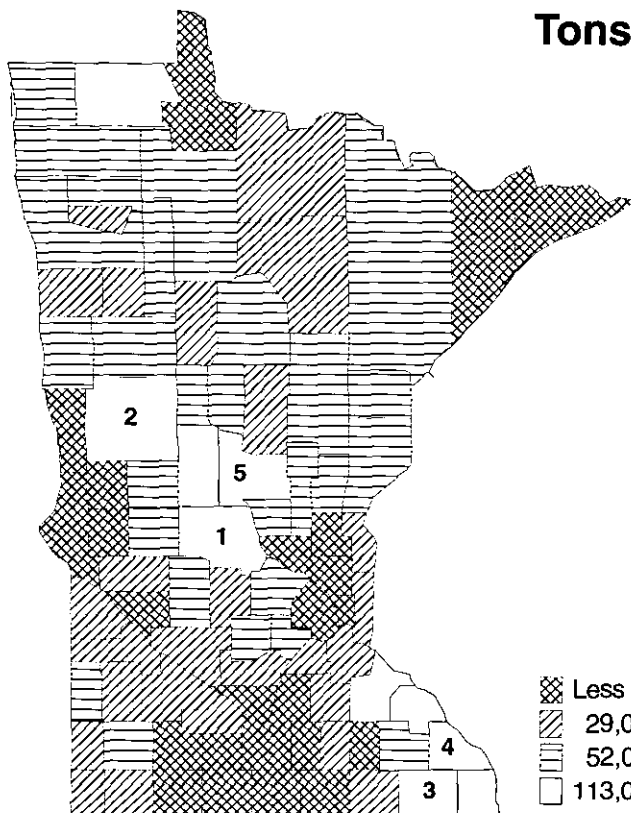
Minnesota's
Top Five
Production
Counties

- 1-Polk
- 2-Marshall
- 3-Kittson
- 4-Clay
- 5-Norman



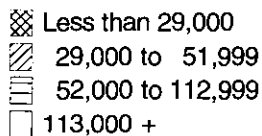
ALL HAY

Tons Produced in 2003



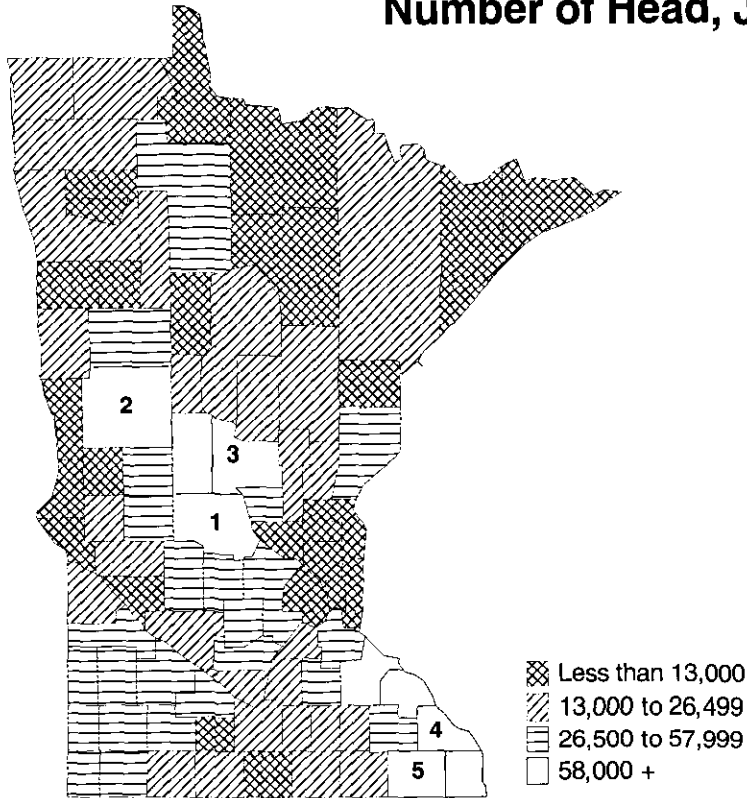
Minnesota's
Top Five
Production
Counties

- 1-Stearns
- 2-Otter Tail
- 3-Fillmore
- 4-Winona
- 5-Morrison



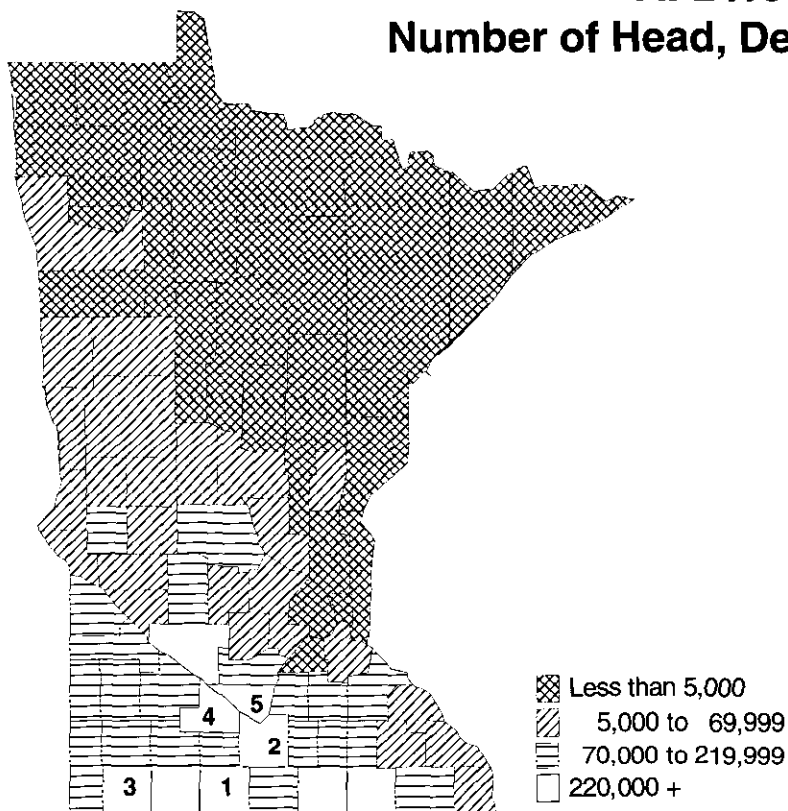
ALL CATTLE & CALVES

Number of Head, January 1, 2004



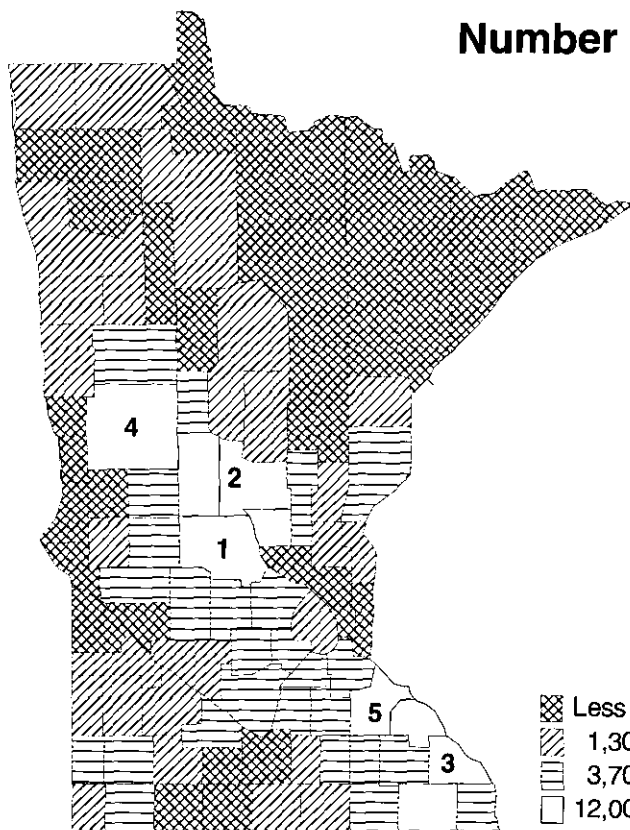
ALL HOGS

Number of Head, December 1, 2003



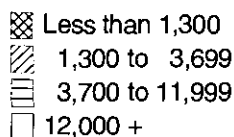
MILK COWS

Number of Head, January 1, 2004



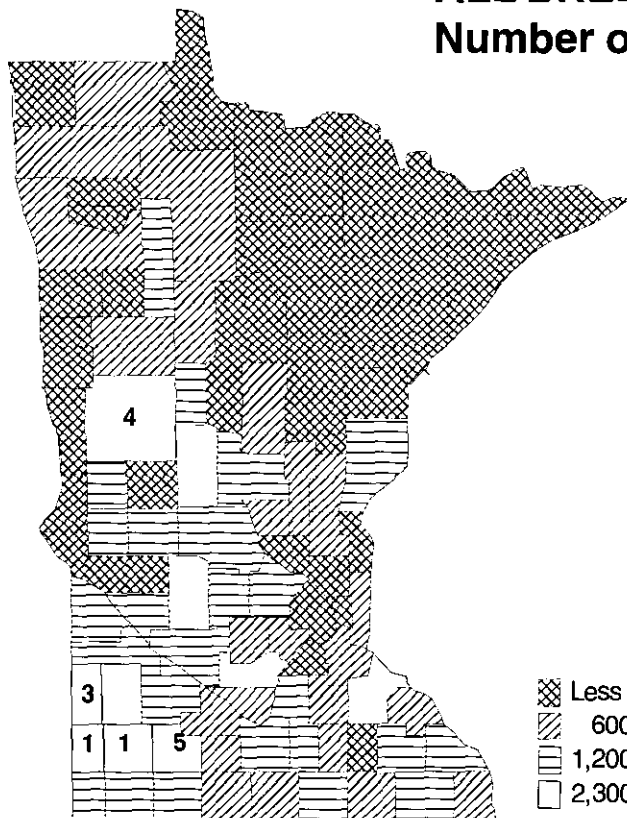
Minnesota's
Top Five
Milk Cow
Counties

- 1-Stearns
- 2-Morrison
- 3-Winona
- 4-Otter Tail
- 5-Goodhue



ALL BREEDING SHEEP & LAMBS

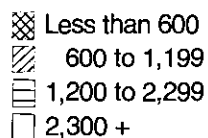
Number of Head, January 1, 2004



Minnesota's
Top Five
All Breeding
Sheep &
Lambs
Counties

- 1-Murray*
- 1-Pipestone*
- 3-Lincoln
- 4-Otter Tail
- 5-Cottonwood

*Tied for 1st



LIVESTOCK SUMMARY

Cattle numbers on Minnesota farms on January 1, 2004, decreased 2 percent from the January 1, 2003 inventory. Minnesota's 2003 calf crop at 850,000 was down 3 percent from 2002. Meanwhile, sheep and lambs were down 7 percent from the revised January 1, 2003 inventory. The inventory of all hogs on December 1, 2003, was up 7 percent from a year earlier. Farrowings at 1,100,000 were 2 percent above the previous year. A pig crop of 9,806,000 was produced in the state during 2003, up 3 percent from 2002. The average annual litter rate of 8.91 was up from 8.88 in 2002. All chickens on farms were down 3 percent from a year earlier.

The combined value of all livestock and poultry on Minnesota farms was \$2.6 billion at the end of 2003. All cattle and calves, valued at \$2.0 billion, were up 7 percent from a year earlier. The value of hogs on hand on December 1, 2003, accounted for \$514 million, down 1 percent; all sheep and lambs, \$16.9 million, up 15 percent; and all chickens, \$20 million, up 5 percent.

Cattle operations were down 1,000 from last year while hog operations were down 100 from 2002. Operations with milk cows decreased 600 and beef cows were down 200. All sheep operations were down 100 from the previous year.



LIVESTOCK: January 1 Inventory, Minnesota, 2000-2004

Year	All Cattle	Cattle on Feed	Milk Cows	Beef Cows	Hogs 1/	All Sheep
			1,000 Head			
2000	2,550	285	540	400	5,500	165
2001	2,550	290	520	410	5,800	170
2002	2,500	285	500	400	5,800	160
2003	2,450	300	480	400	6,100	150
2004	2,400	310	465	395	6,500	140

1/ Inventory as of December 1 previous year.

LIVESTOCK: Number of Operations, Minnesota, 1999-2003 1/

Year	Number of Operations With:				
	All Cattle	Milk Cows	Beef Cows	Hogs	All Sheep
			Operations		
1999	30,000	9,100	15,800	7,500	3,000
2000	30,000	8,500	15,800	7,300	3,000
2001	29,000	7,800	15,500	6,500	2,900
2002	29,000	7,200	15,500	5,800	2,800
2003	28,000	6,600	15,300	5,700	2,700

1/ An operation is any farm having one or more head of livestock on hand at any time during the year. Addition may exceed total farms in the state.

CATTLE: Operations and Inventory by Size Groups, Minnesota, 1999-2003

Year	Number of Operations Having:					Percent of Inventory on Operations Having:				
	1-49 Head	50-99 Head	100-499 Head	500-999 Head	1,000+ Head	1-49 Head	50-99 Head	100-499 Head	500-999 Head	1,000+ Head
	<u>Number</u>					<u>Percent</u>				
1999	14,800	7,500	7,300	300	100	12.5	21.0	52.0	8.0	6.5
2000	14,800	7,400	7,400	300	100	12.5	20.0	53.0	8.0	6.5
2001	14,700	6,800	7,000	380	120	13.0	19.0	50.0	10.0	8.0
2002	14,700	6,800	7,000	380	120	13.0	19.0	50.0	10.0	8.0
2003	14,500	6,000	7,000	360	140	13.0	17.0	51.0	9.5	9.5

BEEF COWS: Operations and Inventory by Size Groups, Minnesota, 1999-2003

Year	Number of Operations Having:				Percent of Inventory on Operations Having:			
	1-49 Head	50-99 Head	100-499 Head	500+ Head	1-49 Head	50-99 Head	100-499 Head	500+ Head
	<u>Number</u>				<u>Percent</u>			
1999	13,700	1,550	535	15	50.0	26.0	21.2	2.8
2000	13,600	1,600	585	15	49.0	26.0	22.2	2.8
2001	13,300	1,600	585	15	49.0	25.0	23.2	2.8
2002	13,200	1,600	680	20	48.0	25.0	23.5	3.5
2003	12,900	1,650	730	20	46.0	26.0	24.5	3.5

MILK COWS: Operations and Inventory by Size Groups, Minnesota, 1999-2003

Year	Number of Operations Having:						Percent of Inventory on Operations Having:					
	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200-499 Head	500+ Head	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200-499 Head	500+ Head
	<u>Number</u>						<u>Percent</u>					
1999	1,400	3,300	3,400	700	250	50	5.0	22.0	39.0	14.0	14.0	6.0
2000	1,300	3,000	3,200	700	250	50	4.7	21.0	38.0	15.0	14.0	7.3
2001	1,100	2,700	3,000	700	250	50	4.0	20.0	38.0	16.0	14.0	8.0
2002	930	2,400	2,900	670	240	60	3.5	19.0	37.5	16.0	14.0	10.0
2003	750	2,200	2,700	660	230	60	3.0	18.0	37.0	17.0	14.5	10.5

HOGS: Operations and Inventory by Size Groups, Minnesota, 1999-2003

Year	Number of Operations Having:						Percent of Inventory on Operations Having:					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
	<u>Number</u>						<u>Percent</u>					
1999	2,200	2,500	1,200	800	580	220	1.0	9.0	12.0	16.0	23.0	39.0
2000	2,200	2,400	1,100	750	610	240	1.0	7.0	11.0	14.0	26.0	41.0
2001	2,000	2,000	1,000	600	650	250	1.0	6.0	10.0	12.0	28.0	43.0
2002	1,800	1,500	900	630	700	270	1.0	5.0	9.0	12.0	30.0	43.0
2003	1,700	1,500	900	620	710	270	1.0	4.0	9.0	11.0	30.0	45.0

LIVESTOCK, DAIRY, AND POULTRY: Production Records, Minnesota and United States

Item	Number	Record High Date	Item	Number	Record High Date
All Cattle Inventories		Jan 1,	Annual Pig Crop		
Minnesota	4,518,000	1964 & 1965	Minnesota	9,806,000	2003
United States	132,028,000	1975	United States	121,807,000	1944
Beef Cows		Jan 1,	Annual Milk Production (Mil. Lbs.):		
Minnesota	751,000	1976	Minnesota	11,155	1964
United States	45,712,000	1975	United States	170,312	2003
Milk Cows		Jan 1,	Milk Production Per Cow (Lbs.)		
Minnesota	1,893,000	1934	Minnesota	17,777	2000
United States	27,770,000	1945	United States	18,749	2003
Cattle on Feed		Jan 1,	All Sheep And Lambs		Jan 1,
Minnesota	589,000	1970	Minnesota	1,496,000	1943
United States	14,432,000	1973	United States	56,213,000	1942
Calves Born			Breeding Sheep		Jan 1,
Minnesota	1,867,000	1944	Minnesota	1,201,000	1942 & 1943
United States	50,873,000	1974	United States	49,346,000	1942
All Hogs by Qtr			Lamb Crop		
March 1 1/			Minnesota	1,015,000	1942
Minnesota	6,400,000	2004	United States	32,610,000	1941
June 1 2/			All Chickens		Dec 1,
Minnesota	6,500,000	2004	Minnesota	31,742,000	1944
September 1 1/			United States	582,197,000	1944
Minnesota	6,500,000	2003	Eggs Per Layer		
December 1 1/			Minnesota	266	1998 & 2002
Minnesota	6,500,000	2003	United States	259	2003
United States	83,741,000	1944	Turkeys Raised		
Annual Pigs Per Litter			Minnesota	46,300,000	1990
Minnesota	9.00	2001	United States	302,713,000	1996
United States	8.88	2003			

1/ March 1, September 1, and December 1 data available since 1954.

2/ June 1 estimates were started in 1950.



LIVESTOCK AND POULTRY: Inventory and Values, Minnesota, 2002-2004

Class	Number on Farms			Value per Head			Total Inventory Value		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
	----- 1,000 Head -----			----- Dollars -----			----- 1,000 Dollars -----		
All Cattle & Calves, Jan 1	2,500	2,450	2,400	800.00	770.00	840.00	2,000,000	1,886,500	2,016,000
Total Cows That Have Calved	900	880	860						
Beef Cows	400	400	395						
Milk Cows	500	480	465						
Total Heifers 500 Lbs. and Over	560	575	570						
Beef Replacement	100	100	100						
Milk Replacement	290	295	280						
Other	170	180	190						
Steers 500 Lbs. and Over	465	460	450						
Bulls 500 Lbs. and Over	35	35	35						
Calves Under 500 Lbs.	540	500	485						
Cattle & Calves on Feed, Jan 1	285	300	310						
Calf Crop	880	850	--						
All Hogs & Pigs, Dec 1 1/	5,800	6,100	6,500	90.00	85.00	79.00	522,000	518,500	513,500
Market Hogs & Pigs, Dec 1 1/	5,230	5,520	5,900						
Breeding Hogs, Dec 1 1/	570	580	600						
Annual Pig Crop	9,498	9,806	--						
All Sheep & Lambs, Jan 1	160	150	140	93.00	98.00	121.00	14,880	14,700	16,940
Breeding Sheep & Lambs	115	105	100						
Ewes 1 Year and Older	95	85	80						
Rams 1 Year and Older	5	5	5						
Replacement Lambs	15	15	15						
Market Sheep & Lambs	45	45	40						
Lambs Under 65 Lbs.	11	10	8						
Lambs 65-84 Lbs.	9	9	10						
Lambs 85-105 Lbs.	12	12	12						
Lambs Over 105 Lbs.	12	13	9						
Sheep	1	1	1						
Lamb Crop	145	135	--						
All Chickens, Dec 1 1/ 2/	15,803	15,005	14,600	1.60	1.30	1.40	25,285	19,507	20,440
Total Layers	12,215	11,780	11,310						
Pullets 13 Weeks Old but Not of Laying Age	2,090	820	1,410						
Pullets Under 13 Weeks Old	1,439	2,355	1,820						
Other Chickens	59	50	60						

1/ December 1 preceding year.

2/ Excludes commercial broilers.

CATTLE AND CALVES: Inventory, Supply, and Disposition, Minnesota, 1999-2004

Year	All Cattle and Calves 1/	Calf Crop	Cattle On Feed 1/	Inshipments	Marketings 2/		Farm Slaughter 3/	Deaths	
					Cattle	Calves		Cattle	Calves
					1,000 Head				
1999	2,500	900	270	370	932	132	6	50	100
2000	2,550	910	285	425	1,032	142	6	55	100
2001	2,550	890	290	360	1,007	137	6	50	100
2002	2,500	880	285	350	987	137	6	55	95
2003	2,450	850	300	335	952	137	6	50	90
2004	2,400	--	310	--	--	--	--	--	--

1/ All cattle and calves and cattle on feed inventory numbers refer to January 1.

2/ Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

3/ Excludes custom slaughter for farmers at commercial establishments.

CATTLE AND CALVES: Production and Income, Minnesota, 1999-2003

Year	Production 1/	Marketings 2/	Average Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Cattle	Calves				
	----- 1,000 Pounds -----		----- Dollars -----		----- 1,000 Dollars -----			
1999	1,083,421	1,265,850	58.50	79.70	625,407	749,479	12,593	762,072
2000	1,157,288	1,415,800	62.20	94.80	714,369	896,602	14,117	910,719
2001	1,133,665	1,395,900	65.90	95.20	742,711	935,325	15,134	950,459
2002	1,149,995	1,380,000	60.00	85.40	683,153	841,716	14,225	855,941
2003	1,096,299	1,332,400	73.40	94.60	789,105	989,430	16,892	1,006,322

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Receipts from marketings and sale of farm slaughter.



**ALL CATTLE, CATTLE ON FEED, AND ALL BREEDING SHEEP & LAMBS:
January 1 Inventory by County and District, Minnesota, 2003-04**

County and District 1/ 2/	All Cattle and Calves		Cattle and Calves On Feed		All Breeding Sheep and Lambs	
	2003	2004	2003	2004	2003	2004
	Number					
Becker	32,500	31,000	2,200	2,000	600	600
Clay	17,500	17,000	2,000	1,700	700	500
Clearwater	26,000	26,000	100	--	1,900	1,800
Kittson	16,500	15,000	600	800	400	--
Mahnomen	10,000	10,000	600	500	100	--
Marshall	16,000	15,500	600	700	800	800
Norman	9,500	9,500	900	800	200	--
Pennington	8,500	9,000	100	--	100	--
Polk	21,500	22,000	1,200	1,400	600	600
Red Lake	11,500	11,000	300	--	200	--
Roseau	25,500	25,000	400	--	900	800
Other Counties	--	--	--	1,100	--	900
Northwest	195,000	191,000	9,000	9,000	6,500	6,000
Beltrami	30,500	28,000	800	700	1,200	1,000
Cass	26,000	26,000	200	--	400	--
Hubbard	10,500	9,500	300	500	1,000	900
Itasca	9,000	9,000	100	--	400	--
Koochiching	6,000	5,500	--	--	400	--
Lake of the Woods	5,000	5,000	--	--	100	--
Other Counties	--	--	--	400	--	1,100
North Central	87,000	83,000	1,400	1,600	3,500	3,000
Cook	200	--	--	--	--	--
Lake	300	--	--	--	--	--
St. Louis	13,500	13,500	300	--	500	500
Other Counties	--	500	--	300	--	--
Northeast	14,000	14,000	300	300	500	500
Big Stone	7,500	8,000	700	800	200	--
Chippewa	9,000	9,000	1,300	1,400	1,500	1,400
Douglas	26,500	26,500	2,400	2,400	500	500
Grant	5,000	5,000	700	700	2,200	1,800
Lac Qui Parle	18,500	18,000	1,600	1,700	1,600	1,700
Otter Tail	102,500	98,000	4,800	4,700	3,800	3,600
Pope	37,000	35,500	2,800	2,800	1,200	1,200
Stevens	25,000	25,000	6,800	7,300	1,300	1,400
Swift	19,500	19,500	4,200	4,200	200	--
Traverse	6,000	6,000	1,800	1,800	500	500
Wilkin	5,000	4,500	500	500	100	--
Yellow Medicine	26,500	27,000	4,400	4,700	1,400	1,300
Other Counties	--	--	--	--	--	600
West Central	288,000	282,000	32,000	33,000	14,500	14,000
Benton	37,000	36,000	3,200	3,500	700	700
Carver	34,500	33,500	2,800	3,000	600	600
Kandiyohi	28,000	26,500	2,500	2,500	2,600	2,300
McLeod	32,500	32,000	4,000	4,100	600	600
Meeker	29,500	28,000	3,000	3,200	1,500	1,600
Morrison	88,000	89,000	4,300	4,600	1,200	1,200
Renville	24,000	24,000	7,800	8,000	2,300	2,000
Scott	22,000	21,000	2,600	2,800	500	--
Sherburne	10,000	10,000	2,400	2,600	400	--
Sibley	31,000	30,000	5,600	5,700	2,900	2,700
Stearns	189,000	190,000	15,500	16,600	1,400	1,300
Todd	64,500	65,000	2,300	--	2,500	2,400
Wadena	20,000	20,000	300	--	1,300	1,200
Wright	42,000	41,000	4,700	4,600	1,500	1,600
Other Counties	--	--	--	2,800	--	800
Central	652,000	646,000	61,000	64,000	20,000	19,000

1/ For 2003, Counties with less than 100 head are not published.

2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.

Counties may not be published separately to avoid disclosure of individual operations.

-- continued

**ALL CATTLE, CATTLE ON FEED, AND ALL BREEDING SHEEP & LAMBS:
January 1 Inventory By County And District, Minnesota, 2003-04 (continued)**

County and District 1/ 2/	All Cattle and Calves		Cattle and Calves on Feed		All Breeding Sheep and Lambs	
	2003	2004	2003	2004	2003	2004
			Number			
Aitkin	14,000	13,000	200	--	300	--
Anoka	2,800	--	300	--	300	--
Carlton	11,500	11,500	100	--	300	--
Chisago	12,500	12,500	700	700	500	--
Crow Wing	13,000	13,000	400	500	600	600
Hennepin	8,000	8,000	900	1,000	500	--
Isanti	10,000	9,500	1,000	1,000	900	800
Kanabec	25,000	24,000	1,800	1,700	700	600
Mille Lacs	19,000	19,000	1,000	1,000	1,000	1,000
Pine	32,500	32,000	900	900	1,500	1,600
Ramsey	200	--	--	--	--	--
Washington	7,500	7,500	1,000	1,100	900	800
Other Counties	--	3,000	--	700	--	1,600
East Central	156,000	153,000	8,300	8,600	7,500	7,000
Cottonwood	27,500	26,500	9,200	9,900	3,300	3,400
Jackson	18,500	19,500	6,600	6,500	1,800	1,700
Lincoln	28,000	28,000	5,700	5,900	4,400	4,400
Lyon	50,500	48,000	18,000	18,500	2,700	2,800
Murray	41,000	39,000	9,100	9,200	4,800	4,600
Nobles	47,000	46,000	12,400	13,500	2,000	1,800
Pipestone	35,500	35,500	5,000	5,000	4,800	4,600
Redwood	42,500	42,000	13,100	14,500	1,200	1,200
Rock	56,500	53,500	15,900	16,000	1,500	1,500
Southwest	347,000	338,000	95,000	99,000	26,500	26,000
Blue Earth	14,500	14,000	2,900	2,900	2,000	2,100
Brown	41,000	39,500	9,100	9,400	800	900
Faribault	13,500	12,500	3,500	3,500	800	800
Freeborn	16,500	15,500	3,600	3,700	1,300	1,300
Le Sueur	19,000	18,000	4,500	4,900	1,400	1,200
Martin	21,500	20,000	7,500	7,700	1,100	1,100
Nicollet	18,500	19,000	3,600	3,600	1,000	1,000
Rice	28,000	28,000	2,000	1,800	1,000	900
Steele	21,000	20,000	2,000	2,100	800	700
Waseca	13,500	14,000	2,800	3,000	1,600	1,300
Watsonwan	13,000	12,500	4,500	4,400	700	700
South Central	220,000	213,000	46,000	47,000	12,500	12,000
Dakota	32,000	30,000	7,900	8,100	800	700
Dodge	24,000	23,000	2,200	2,300	500	500
Fillmore	78,000	77,000	5,800	5,800	2,400	2,100
Goodhue	69,500	68,000	5,300	5,500	2,800	2,700
Houston	58,000	58,500	5,900	5,900	1,000	900
Mower	26,500	25,500	4,500	4,600	1,300	1,100
Olmsted	52,000	50,500	5,700	5,900	1,400	1,300
Wabasha	63,500	62,500	4,300	4,200	1,100	1,000
Winona	87,500	85,000	5,400	5,200	2,200	2,200
Southeast	491,000	480,000	47,000	47,500	13,500	12,500
Minnesota	2,450,000	2,400,000	300,000	310,000	105,000	100,000

1/ For 2003, Counties with less than 100 head are not published.

2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.
Counties may not be published separately to avoid disclosure of individual operations.

**BEEF COWS AND MILK COWS: January 1 Inventory
by County and District, Minnesota, 2003-2004**

County and District 2/	Beef Cows		Milk Cows	
	2003	2004	2003	2004
	<u>Number</u>			
Becker	7,700	7,500	6,900	6,500
Clay	4,400	4,500	1,900	1,900
Clearwater	9,600	9,500	1,100	1,000
Kittson	7,200	7,200	1,700	1,700
Mahnomen	3,200	3,000	1,800	1,700
Marshall	5,900	5,900	1,800	600
Norman	2,500	2,400	2,100	2,000
Pennington	3,700	3,900	600	500
Polk	7,500	7,700	2,600	2,500
Red Lake	4,300	4,500	1,000	1,000
Roseau	9,000	8,900	2,400	2,300
Northwest	65,000	65,000	23,900	21,700
Beltrami	11,300	11,000	2,100	2,000
Cass	12,600	11,700	2,000	1,800
Hubbard	4,400	4,000	700	700
Itasca	4,600	4,500	300	--
Koochiching	3,000	2,800	300	--
Lake of the Woods	2,100	2,000	200	--
Other Counties	--	--	--	700
North Central	38,000	36,000	5,600	5,200
Cook	100	--	--	--
Lake	200	--	--	--
St. Louis	5,700	5,700	1,100	1,000
Other Counties	--	300	--	--
Northeast	6,000	6,000	1,100	1,000
Big Stone	2,000	2,000	900	900
Chippewa	1,900	1,900	500	500
Douglas	3,600	3,500	8,900	8,200
Grant	800	700	1,100	900
Lac Qui Parle	4,900	4,700	1,300	1,200
Otter Tail	17,500	17,000	25,500	24,200
Pope	5,700	5,500	6,600	6,400
Stevens	2,300	2,300	2,700	2,900
Swift	2,500	2,600	3,900	4,200
Traverse	1,300	1,200	--	--
Wilkin	1,400	1,300	700	700
Yellow Medicine	4,600	4,300	3,000	3,100
West Central	48,500	47,000	55,100	53,200
Benton	4,400	4,100	12,300	12,100
Carver	1,400	1,500	12,200	11,600
Kandiyohi	2,500	2,400	7,300	7,300
McLeod	1,900	1,900	9,000	8,900
Meeker	3,000	3,000	8,000	7,700
Morrison	15,000	15,600	26,600	26,100
Renville	1,300	1,300	2,800	2,600
Scott	1,700	1,600	6,200	5,800
Sherburne	1,500	1,400	1,000	900
Sibley	2,100	2,000	7,600	7,700
Stearns	10,000	10,300	62,800	62,000
Todd	13,100	13,500	18,800	17,800
Wadena	5,200	5,300	5,000	4,700
Wright	4,400	4,100	11,900	11,200
Central	67,500	68,000	191,500	186,400

1/ For 2003, Counties with less than 100 head are not published.

2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.
Counties may not be published separately to avoid disclosure of individual operations.

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**BEEF COWS AND MILK COWS: January 1 Inventory
by County and District, Minnesota, 2003-2004 (continued)**

County and District 1/ 2/	Beef Cows		Milk Cows	
	2003	2004	2003	2004
	<u>Number</u>			
Aitkin	6,600	6,500	800	800
Anoka	800	800	300	--
Carlton	4,000	4,000	1,900	1,800
Chisago	3,000	2,900	2,600	2,300
Crow Wing	5,700	5,700	1,500	1,400
Hennepin	1,000	1,100	2,100	2,000
Isanti	2,400	2,300	1,600	1,600
Kanabec	8,000	7,900	2,500	2,200
Mille Lacs	4,200	4,100	4,600	3,900
Pine	9,700	9,700	6,200	5,900
Ramsey	--	--	100	--
Washington	2,100	2,000	1,200	1,100
Other Counties	--	--	--	400
East Central	47,500	47,000	25,400	23,400
Cottonwood	3,000	2,900	1,400	1,300
Jackson	2,200	2,200	600	600
Lincoln	4,900	5,000	2,700	2,700
Lyon	4,500	4,100	1,300	1,300
Murray	4,800	4,700	4,400	4,300
Nobles	3,500	3,300	4,400	4,500
Pipestone	7,700	8,100	4,700	4,700
Redwood	3,600	3,800	1,800	1,700
Rock	7,300	6,900	3,300	2,700
Southwest	41,500	41,000	24,600	23,800
Blue Earth	1,400	1,300	1,500	1,200
Brown	3,100	3,100	6,800	6,600
Faribault	1,300	1,100	2,200	2,500
Freeborn	2,200	2,100	1,500	1,500
Le Sueur	2,100	2,200	3,000	3,700
Martin	1,500	1,400	1,200	1,200
Nicollet	800	800	5,000	6,800
Rice	2,800	2,800	8,800	8,600
Steele	1,300	1,300	4,700	4,700
Waseca	1,400	1,400	2,700	2,600
Watonwan	600	500	900	900
South Central	18,500	18,000	38,300	40,300
Dakota	2,100	2,000	4,000	3,800
Dodge	1,900	1,900	6,500	6,300
Fillmore	18,100	18,600	13,000	12,600
Goodhue	6,400	6,500	22,300	21,000
Houston	10,000	9,800	9,500	9,600
Mower	3,400	3,300	5,000	5,100
Olmsted	9,800	9,400	9,800	8,900
Wabasha	8,000	8,000	18,300	17,200
Winona	7,800	7,500	26,100	25,500
Southeast	67,500	67,000	114,500	110,000
Minnesota	400,000	395,000	480,000	465,000

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2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.
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HOGS AND PIGS: Sows Farrowed, Pig Crop, and Disposition, Minnesota, 1999-2003

Year	Spring Sows Farrowed	Spring Pig Crop	Fall Sows Farrowed	Fall Pig Crop	Annual Farrowings 1/	Total Pig Crop	Annual Litter Rate	Inshipments	Marketings 2/	Deaths	All Hogs On Farms Dec 1
					1,000 Head		Head		1,000 Head		
1999	520	4,654	510	4,590	1,030	9,244	8.97	2,650	11,608	480	5,500
2000	505	4,496	530	4,769	1,035	9,265	8.95	3,150	11,581	530	5,800
2001	530	4,771	530	4,770	1,060	9,541	9.00	4,050	12,957	630	5,800
2002	530	4,705	540	4,793	1,070	9,498	8.88	4,550	13,094	650	6,100
2003	545	4,838	555	4,968	1,100	9,806	8.91	5,350	14,072	680	6,500

1/ Includes sows that have farrowed more than one time.

2/ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

HOGS: Sows Farrowed, Pigs per Litter, Pig Crop, by Quarters, Minnesota, 1999-2003

Year	December-February 1/			March-May			June-August			September-November		
	Sows Farrowed	Pigs Per Litter	Pig Crop	Sows Farrowed	Pigs Per Litter	Pig Crop	Sows Farrowed	Pigs per Litter	Pig Crop	Sows Farrowed	Pigs Per Litter	Pig Crop
	1,000 Head	Head	- 1,000 Head -	Head	-- 1,000 Head --	Head	-- 1,000 Head --	Head	-- 1,000 Head --	Head	1,000 Head	
1999	255	8.95	2,282	265	8.95	2,372	265	9.00	2,385	245	9.00	2,205
2000	245	8.80	2,156	260	9.00	2,340	260	9.10	2,366	270	8.90	2,403
2001	260	8.95	2,327	270	9.05	2,444	265	9.00	2,385	265	9.00	2,385
2002	260	8.80	2,288	270	8.95	2,417	265	8.85	2,345	275	8.90	2,448
2003	265	8.80	2,332	280	8.95	2,506	275	8.90	2,448	280	9.00	2,520

1/ December previous year.



HOGS AND PIGS: All Breeding and Market Hogs and Pigs by Quarter, Minnesota, 1999-2004

Year and Quarter	All Hogs and Pigs	For Breeding Purposes	Market Hogs and Pigs				Total Market
			Under 60 Lbs.	60-119 Lbs.	120-79 Lbs.	180 Lbs. and Over	
1,000 Head							
1999							
March	5,600	590	1,960	1,230	990	830	5,010
June	5,600	600	2,000	1,200	980	820	5,000
September	5,500	590	1,960	1,180	970	800	4,910
December	5,500	560	1,940	1,190	1,030	780	4,940
2000							
March	5,400	570	1,910	1,150	960	810	4,830
June	5,700	580	2,060	1,250	1,020	790	5,120
September	5,600	580	2,080	1,220	950	770	5,020
December	5,800	600	2,110	1,270	1,040	780	5,200
2001							
March	5,800	590	2,020	1,330	1,090	770	5,210
June	5,800	590	2,140	1,300	1,050	720	5,210
September	5,900	590	2,190	1,320	1,060	740	5,310
December	5,800	570	2,130	1,250	1,030	820	5,230
2002							
March	5,900	570	2,120	1,360	1,060	790	5,330
June	6,000	580	2,110	1,400	1,100	810	5,420
September	6,200	580	2,170	1,450	1,200	800	5,620
December	6,100	580	2,110	1,350	1,130	930	5,520
2003							
March	6,100	600	2,110	1,320	1,190	880	5,500
June	6,300	600	2,300	1,390	1,180	830	5,700
September	6,500	600	2,300	1,510	1,260	830	5,900
December	6,500	600	2,210	1,420	1,250	1,020	5,900
2004							
March	6,400	600	2,200	1,420	1,200	980	5,800
June	6,500	600	2,360	1,420	1,230	890	5,900

HOGS AND PIGS: Production and Income, Minnesota, 1999-2003

Year	Production 1/	Marketings 2/	Average Price Per 100 Lbs	Value of Production 3/	Cash Receipts 4/	Value of Home Consumption	Gross Income
	----- 1,000 Pounds -----		Dollars	----- 1,000 Dollars -----			
1999	2,563,094	2,742,981	30.50	766,217	855,020	2,214	857,234
2000	2,514,895	2,666,359	44.00	1,083,307	1,207,465	1,866	1,209,331
2001	2,773,774	3,000,504	45.50	1,230,885	1,410,773	1,929	1,412,702
2002	2,785,923	2,968,425	34.60	937,027	1,059,829	1,487	1,061,316
2003	3,016,013	3,196,689	38.40	1,126,944	1,266,668	1,542	1,268,210

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Includes allowance for higher average price of state inshipments and outshipments of feeder pigs.

4/ Receipts from marketings and sale of farm slaughter. Includes allowance for higher average price of state inshipments and outshipments of feeder pigs.

HOGS AND PIGS: Inventory, Farrowings, and Pig Crop, by County and District, Minnesota, 2002- 03

County and District 1/ 2/	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	2002	2003	2002	2003	2002	2003
	Number					
Becker	7,500	9,500	1,900	2,200	16,000	19,000
Clay	17,500	19,000	2,100	2,000	18,000	17,000
Clearwater	3,500	--	200	--	1,500	--
Kittson	1,600	1,400	600	500	4,500	4,100
Mahnomen	1,000	--	300	--	2,500	--
Marshall	200	--	--	--	--	--
Norman	3,000	3,000	700	700	6,500	6,100
Pennington	1,000	--	200	--	1,500	--
Polk	9,500	9,500	2,800	2,700	24,000	24,500
Red Lake	200	--	100	--	750	--
Roseau	2,500	--	100	--	750	--
Other Counties	--	8,100	--	900	--	7,300
Northwest	47,500	50,500	9,000	9,000	76,000	78,000
Beltrami	300	--	--	--	--	--
Cass	300	--	100	--	750	--
Hubbard	2,000	--	400	--	3,500	--
Itasca	300	--	100	--	750	--
Lake of the Woods	100	--	--	--	--	--
Other Counties	--	2,700	--	600	--	4,800
North Central	3,000	2,700	600	600	5,000	4,800
Other Counties	500	800	300	400	2,500	3,200
Northeast	500	800	300	400	2,500	3,200
Big Stone	41,500	43,000	8,000	8,500	73,000	76,000
Chippewa	36,000	35,000	6,500	6,500	57,000	55,000
Douglas	11,000	13,000	3,500	3,500	31,000	31,000
Grant	13,500	14,500	2,000	2,000	18,000	18,000
Lac Qui Parle	88,500	89,000	11,000	11,500	96,000	99,000
Otter Tail	20,000	23,000	6,000	6,000	54,000	54,000
Pope	42,500	43,000	13,000	12,500	107,000	103,000
Stevens	125,000	139,000	32,000	34,500	289,000	312,000
Swift	23,000	23,000	2,500	2,500	22,000	21,000
Traverse	11,000	10,500	500	500	4,000	4,000
Wilkin	23,000	24,000	3,000	3,000	27,000	27,000
Yellow Medicine	122,000	131,000	20,500	21,500	180,000	185,000
West Central	557,000	588,000	108,500	112,500	958,000	985,000
Benton	21,000	21,000	7,000	7,000	62,000	62,000
Carver	16,000	17,000	1,900	2,000	16,500	17,000
Kandiyohi	83,000	89,000	12,000	13,000	109,000	119,000
McLeod	9,000	10,000	1,700	1,800	15,000	14,400
Meeker	12,500	13,000	2,400	2,400	21,000	21,000
Morrison	18,500	20,000	3,500	3,500	29,000	29,000
Renville	254,000	242,000	55,500	54,000	497,000	488,000
Scott	12,500	--	1,000	--	9,000	--
Sherburne	6,500	6,500	1,000	1,000	9,000	9,000
Sibley	93,500	97,000	26,000	26,000	228,000	229,000
Stearns	86,000	91,000	18,000	19,500	164,000	177,000
Todd	11,000	11,500	5,500	5,400	49,000	47,000
Wadena	3,000	--	200	--	1,500	--
Wright	14,500	15,000	4,300	4,400	38,000	39,000
Other Counties	--	15,000	--	1,200	--	10,600
Central	641,000	648,000	140,000	141,000	1,248,000	1,262,000

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2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.

Counties may not be published separately to avoid disclosure of individual operations.

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**HOGS AND PIGS: Inventory, Farrowings, and Pig Crop,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/ 2/	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	2002	2003	2002	2003	2002	2003
	<u>Number</u>					
Aitkin	100	--	--	--	--	--
Anoka	2,000	--	300	--	2,500	--
Carlton	300	--	200	--	1,500	--
Chisago	3,500	3,500	800	800	7,000	7,500
Crow Wing	3,400	3,400	600	600	5,000	4,800
Hennepin	1,000	--	300	--	2,500	--
Isanti	4,400	4,300	800	700	7,000	6,100
Kanabec	5,000	5,100	1,300	1,300	12,000	12,000
Mille Lacs	2,000	2,000	900	900	8,000	8,000
Pine	700	--	200	--	1,500	--
Ramsey	200	--	100	--	750	--
Washington	400	--	100	--	750	--
Other Counties	--	4,700	--	1,200	--	9,600
East Central	23,000	23,000	5,600	5,500	48,500	48,000
Cottonwood	176,500	184,000	35,500	36,000	320,000	325,000
Jackson	217,000	224,000	24,000	25,000	213,000	225,000
Lincoln	83,500	87,000	23,500	23,000	208,000	204,000
Lyon	146,500	160,000	23,000	24,000	202,000	212,000
Murray	122,000	127,000	15,000	15,000	129,000	129,000
Nobles	294,000	310,000	28,500	29,000	249,000	254,000
Pipestone	190,500	210,000	49,000	52,000	440,000	469,000
Redwood	177,000	186,000	10,500	11,000	92,000	97,000
Rock	211,000	216,000	11,000	11,000	98,000	97,000
Southwest	1,618,000	1,704,000	220,000	226,000	1,951,000	2,012,000
Blue Earth	390,000	416,000	64,000	66,000	570,000	593,000
Brown	233,500	275,000	48,500	52,000	443,000	472,000
Faribault	191,000	203,000	33,500	34,000	295,000	300,000
Freeborn	224,000	240,000	42,500	43,000	372,000	380,000
Le Sueur	73,500	78,000	24,000	24,000	217,000	218,000
Martin	632,000	692,000	132,000	138,000	1,168,000	1,241,000
Nicollet	229,000	265,000	34,500	36,000	309,000	325,000
Rice	91,000	97,000	20,000	21,000	181,000	192,000
Steele	94,000	100,000	7,000	7,000	61,000	61,000
Waseca	173,000	180,000	46,000	48,000	396,000	416,000
Watsonwan	190,000	205,000	21,000	22,000	185,000	196,000
South Central	2,521,000	2,751,000	473,000	491,000	4,197,000	4,394,000
Dakota	23,500	25,000	4,400	4,500	38,000	39,000
Dodge	115,500	125,000	25,000	26,500	234,000	244,000
Fillmore	114,500	122,000	13,000	13,500	115,000	119,000
Goodhue	98,500	102,000	23,500	23,500	208,000	213,000
Houston	24,500	24,000	5,500	5,000	47,000	43,000
Mower	210,000	225,000	29,000	28,000	262,000	249,000
Olmsted	42,000	46,000	5,500	5,500	47,000	47,000
Wabasha	21,000	22,000	1,900	2,000	16,000	17,000
Winona	39,500	41,000	5,200	5,500	45,000	48,000
Southeast	689,000	732,000	113,000	114,000	1,012,000	1,019,000
Minnesota	6,100,000	6,500,000	1,070,000	1,100,000	9,498,000	9,806,000

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2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.

Counties may not be published separately to avoid disclosure of individual operations.

SHEEP AND LAMBS: Inventory, Supply, and Disposition, Minnesota, 1999-2004

Year	All Sheep and Lambs 1/	Lamb Crop	Inshipments	Marketings 2/		Farm Slaughter 3/	Deaths	
				Sheep	Lambs		Sheep	Lambs
	1,000 Head							
1999	175	145	51	23	153	1	9	20
2000	165	145	48	11	147	1	9	20
2001	170	155	28	8	152	1	10	22
2002	160	145	22	25	127	1	7	17
2003	150	135	20	17	120	1	9	18
2004	140	--	--	--	--	--	--	--

1/ Sheep and lamb inventory numbers refer to January 1.

2/ Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.

3/ Excludes custom slaughter for farmers at commercial establishments.

SHEEP AND LAMBS: Inventory, Production, and Income, Minnesota, 1999-2003

Year	Production 1/	Marketings 2/	Average Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	---- 1,000 Pounds ----		----- Dollars -----			----- 1,000 Dollars -----		
1999	15,906	20,585	25.00	73.20	10,697	13,572	169	13,741
2000	16,518	19,005	27.40	75.40	11,530	13,617	176	13,793
2001	16,808	19,200	24.90	62.00	9,787	11,503	145	11,648
2002	15,490	18,445	22.30	71.10	10,267	11,492	156	11,648
2003	13,821	16,286	27.50	89.30	11,583	13,157	197	13,354

1/ Adjustments made for changes in inventory and for inshipments.

2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

3/ Receipts from marketings and sale of farm slaughter.

WOOL: Sheep Shorn, Production, and Value, Minnesota, 1999-2003

Year	Sheep Shorn 1/	Weight per Fleece	Production	Annual Average Price per Pound	Value
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1999	150	6.7	1,000	15	150
2000	155	6.7	1,035	11	114
2001	165	6.6	1,085	11	119
2002	150	6.8	1,020	20	204
2003	140	6.8	950	30	285

1/ Includes sheep shorn at commercial feeding yards.

COMMERCIAL LIVESTOCK SLAUGHTER:
Number and Live Weight, by Month, Minnesota, 2002-03

Month	Cattle					
	Number Slaughtered		Live Weight			
			Average Weight		Total Weight	
	2002	2003	2002	2003	2002	2003
	----- 1,000 Head -----		----- Pounds -----		----- 1,000 Pounds -----	
January	63.9	74.3	1,394	1,380	89,076	102,525
February	54.0	59.7	1,435	1,414	77,546	84,503
March	52.5	63.1	1,422	1,398	74,639	88,289
April	57.1	60.0	1,396	1,367	79,788	81,980
May	62.0	63.3	1,361	1,352	84,333	85,562
June	64.1	66.3	1,364	1,341	87,456	88,985
July	67.5	68.6	1,347	1,340	90,998	91,883
August	66.4	66.0	1,356	1,331	90,098	87,905
September	62.2	69.6	1,348	1,336	83,820	92,914
October	78.5	74.3	1,346	1,337	105,695	99,400
November	71.7	65.4	1,350	1,332	96,788	87,057
December	71.9	67.7	1,355	1,346	97,440	91,096
Total	771.9	798.3	1,370	1,356	1,057,677	1,082,097

Month	Hogs					
	Number Slaughtered		Live Weight			
			Average Weight		Total Weight	
	2002	2003	2002	2003	2002	2003
	----- 1,000 Head -----		----- Pounds -----		----- 1,000 Pounds -----	
January	778.7	780.2	263	264	204,472	206,344
February	670.1	694.8	263	263	176,040	182,684
March	721.6	736.4	263	264	190,068	194,270
April	728.6	738.5	263	265	191,956	195,690
May	737.7	706.2	263	262	193,794	185,166
June	661.3	694.4	260	261	171,758	181,329
July	701.0	732.8	254	260	178,351	190,192
August	736.1	689.9	256	259	188,454	178,563
September	752.5	768.7	259	261	194,895	200,259
October	808.6	856.6	263	264	212,606	225,888
November	771.3	742.3	265	266	204,512	197,421
December	775.3	825.6	264	266	204,907	219,525
Total	8,842.9	8,966.3	261	263	2,311,812	2,357,330

Note: Totals may not add due to rounding. Includes slaughter under federal inspection and other commercial slaughter. Excludes farm slaughter.



DAIRY

Minnesota's milk production totaled 8.26 billion pounds in 2003, down 2 percent from 2002. The state's share of national production in 2003 was 5 percent. The 12-month average number of milk cows was 473,000 versus 487,000 in 2002. The pounds of milk per milk cow averaged 17,459, up from 17,368 pounds in 2002. The count of Minnesota dairy farms licensed to sell milk to plants in January 2004 totaled 5,969. This compares with the totals of 6,466 for January 2003 and 6,985 for January 2002.

DAIRY: Milk Production by Size Groups, Minnesota, 1999-2003

Year	Percent of Milk Production on Operations Having:					
	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200-499 Head	500+ Head
	<u>Percent</u>					
1999	3.8	19.0	39.0	15.0	16.0	7.2
2000	3.5	19.0	37.0	16.0	16.0	8.5
2001	3.0	18.0	37.0	17.0	16.0	9.0
2002	2.5	17.0	36.5	17.0	16.0	11.0
2003	2.5	16.0	36.0	18.0	16.0	11.5

DAIRY: Milk Production, Disposition, and Income, Minnesota, 1999-2003

Year	Total Milk Produced	Disposition of Milk Produced			Cash Receipts	Producer Gross Income 1/
		Used on Farms Where Produced		Sold to Plants and Dealers		
		Fed to Calves	Consumed in Farm Household			
		<u>Million Pounds</u>			<u>1,000 Dollars</u>	
1999	9,478	95	10	9,373	1,312,220	1,313,620
2000	9,493	95	10	9,388	1,126,560	1,127,760
2001	8,812	95	10	8,707	1,297,343	1,298,833
2002	8,458	95	5	8,358	1,011,318	1,011,923
2003	8,258	95	5	8,158	1,044,224	1,044,864

1/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

DAIRY: Manufactured Dairy Products, Minnesota, 1999-2003

Year	All Cheese	American Cheese	Dry Whey & Whey Fraction Solids	Ice Cream	Ice Milk 1/
	<u>1,000 Pounds</u>			<u>1,000 Gallons</u>	
1999	681,656	639,101	307,309	44,973	10,687
2000	693,068	651,560	292,477	44,080	10,294
2001	594,085	557,277	221,522	44,609	12,215
2002	597,254	575,756	264,127	46,136	9,794
2003	616,548	592,082	257,327	41,718	11,482

1/ Lowfat and nonfat ice cream combined.

DAIRY: Milk Cows, Milk Production, and Dairy Products, by Month, Minnesota, 1999-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Milk Cows: Number on Farms, Excludes Heifers That Have Not Calved													
	<u>1,000 Cows</u>												
1999	545	545	545	545	545	545	545	550	550	545	545	540	545
2000	540	540	540	540	540	535	535	530	530	530	525	525	534
2001	520	520	515	515	515	510	510	505	505	500	500	500	510
2002	495	495	490	490	490	490	485	485	480	480	480	480	487
2003	480	480	480	475	475	475	475	470	470	465	465	465	473

Milk Production per Cow

	<u>Pounds</u>												
1999	1,505	1,385	1,550	1,505	1,545	1,475	1,420	1,385	1,335	1,400	1,380	1,495	17,391
2000	1,545	1,465	1,585	1,530	1,555	1,490	1,455	1,435	1,380	1,435	1,405	1,485	17,777
2001	1,520	1,385	1,545	1,495	1,525	1,465	1,425	1,365	1,340	1,395	1,365	1,460	17,278
2002	1,515	1,385	1,560	1,510	1,540	1,445	1,415	1,410	1,340	1,390	1,380	1,485	17,368
2003	1,520	1,385	1,540	1,500	1,530	1,465	1,455	1,420	1,355	1,410	1,390	1,485	17,459

Milk Production on Farms

	<u>Million Pounds</u>												
1999	820	755	845	820	842	804	774	762	734	763	752	807	9,478
2000	834	791	856	826	840	797	778	761	731	761	738	780	9,493
2001	790	720	796	770	785	747	727	689	677	698	683	730	8,812
2002	750	686	764	740	755	708	686	684	643	667	662	713	8,458
2003	730	665	739	713	727	696	691	667	637	656	646	691	8,258

Percentage of Fat in Milk Sold by Farmers to Dairy Plants

	<u>Percent</u>												
1999	3.80	3.76	3.75	3.74	3.68	3.62	3.57	3.59	3.71	3.82	3.82	3.82	3.72
2000	3.79	3.77	3.75	3.74	3.65	3.62	3.58	3.57	3.67	3.77	3.81	3.83	3.71
2001	3.78	3.77	3.75	3.71	3.64	3.62	3.54	3.55	3.68	3.80	3.81	3.79	3.70
2002	3.79	3.76	3.79	3.76	3.70	3.63	3.56	3.60	3.67	3.84	3.87	3.81	3.73
2003	3.78	3.77	3.76	3.71	3.67	3.62	3.58	3.58	3.67	3.79	3.87	3.84	3.72

American Cheese Manufactured 1/

	<u>Million Pounds</u>												
1999	51.6	47.4	57.7	56.5	57.1	50.8	50.5	48.8	54.0	56.6	51.9	55.9	639.1
2000	56.2	53.9	58.2	58.2	57.2	56.4	54.7	51.6	49.0	50.2	49.5	56.5	651.6
2001	55.0	48.2	53.0	46.1	47.1	45.0	44.5	40.9	38.2	43.5	45.1	50.6	557.3
2002	52.0	47.5	51.9	51.4	52.5	49.4	43.6	43.8	41.5	44.6	46.4	51.1	575.8
2003	53.1	48.7	55.3	51.2	53.7	50.2	48.9	46.4	44.6	45.1	44.0	50.9	592.1

1/ Totals may not add due to rounding.

**DAIRY: Milk Cows, Production Per Cow, and Total Production,
by County and District, Minnesota, 2002-03**

County and District 1/ 2/	Annual Average Milk Cows On Farms		Annual Average Production Per Cow		Total Production	
	2002	2003	2002	2003	2002	2003
	-----Number-----		---Thousand Pounds---		---Thousand Pounds---	
Becker	7,200	6,700	17.1	17.2	123,000	115,000
Clay	2,100	1,900	16.9	17.1	35,500	32,500
Clearwater	1,100	1,100	15.9	15.9	17,500	17,500
Kittson	1,700	1,700	17.4	17.4	29,500	29,500
Mahnomen	1,800	1,800	16.7	16.7	30,000	30,000
Marshall	1,800	1,500	16.9	16.7	30,500	25,000
Norman	2,100	2,100	16.7	16.7	35,000	35,000
Pennington	700	500	16.4	16.0	11,500	8,000
Polk	2,700	2,600	16.5	16.5	44,500	43,000
Red Lake	1,100	1,000	16.4	17.0	18,000	17,000
Roseau	2,600	2,300	16.5	16.7	43,000	38,500
Northwest	24,900	23,200	16.8	16.9	418,000	391,000
Beltrami	2,200	2,000	15.9	16.3	35,000	32,500
Cass	2,100	1,900	15.7	15.8	33,000	30,000
Hubbard	700	700	16.4	16.4	11,500	11,500
Itasca	300	--	16.7	--	5,000	--
Koochiching	300	--	15.0	--	4,500	--
Lake of the Woods	200	--	15.0	--	3,000	--
Other Counties	--	800	--	15.6	--	12,500
North Central	5,800	5,400	15.9	16.0	92,000	86,500
St. Louis	1,100	1,100	15.9	15.9	17,500	17,500
Northeast	1,100	1,100	15.9	15.9	17,500	17,500
Big Stone	900	900	16.7	16.7	15,000	15,000
Chippewa	500	500	17.0	17.0	8,500	8,500
Douglas	9,200	8,600	16.5	16.6	152,000	143,000
Grant	1,200	1,000	16.3	16.5	19,500	16,500
Lac Qui Parle	1,300	1,300	16.9	16.9	22,000	22,000
Otter Tail	26,300	24,900	17.1	17.2	450,500	428,000
Pope	6,700	6,500	16.8	16.9	112,500	110,000
Stevens	2,600	2,800	18.5	18.6	48,000	52,000
Swift	3,600	4,100	17.4	17.4	62,500	71,500
Wilkin	700	700	16.4	16.4	11,500	11,500
Yellow Medicine	2,900	3,000	16.9	17.0	49,000	51,000
West Central	55,900	54,300	17.0	17.1	951,000	929,000
Benton	12,600	12,200	16.9	17.0	213,500	208,000
Carver	12,500	11,900	17.8	17.9	223,000	213,000
Kandiyohi	7,300	7,300	17.4	17.5	127,000	127,500
McLeod	9,100	8,900	16.9	17.0	153,500	151,000
Meeker	8,200	7,900	17.8	17.9	146,000	141,500
Morrison	26,600	26,300	17.1	17.2	454,000	451,500
Renville	2,800	2,700	17.3	17.4	48,500	47,000
Scott	6,300	6,000	17.7	17.8	111,500	106,500
Sherburne	1,000	900	17.0	16.7	17,000	15,000
Sibley	7,700	7,600	17.4	17.5	134,000	133,000
Stearns	63,000	62,400	18.0	18.1	1,132,500	1,126,500
Todd	19,000	18,300	16.7	16.8	317,000	307,000
Wadena	5,000	4,800	16.3	16.4	81,500	78,500
Wright	12,100	11,500	17.8	17.9	215,000	205,500
Central	193,200	188,700	17.5	17.5	3,374,000	3,311,500

1/ For 2003, Counties with less than 100 head are not published.

2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.

Counties may not be published separately to avoid disclosure of individual operations.

— continued

**DAIRY: Milk Cows, Production Per Cow, and Total Production,
by County and District, Minnesota, 2002-03 (continued)**

County and District 1/ 2/	Annual Average Milk Cows On Farms		Annual Average Production Per Cow		Total Production	
	2002	2003	2002	2003	2002	2003
	----- Number -----		--Thousand Pounds --		---Thousand Pounds ---	
Aitkin	900	800	16.7	16.9	15,000	13,500
Anoka	300	--	16.7	--	5,000	--
Carlton	2,000	1,800	16.3	16.4	32,500	29,500
Chisago	2,700	2,400	16.7	16.9	45,000	40,500
Crow Wing	1,600	1,400	16.3	16.4	26,000	23,000
Hennepin	2,100	2,000	17.4	17.5	36,500	35,000
Isanti	1,600	1,600	17.2	17.5	27,500	28,000
Kanabec	2,700	2,300	16.1	16.3	43,500	37,500
Mille Lacs	4,800	4,200	16.3	16.4	78,000	69,000
Pine	6,300	6,100	16.3	16.4	102,500	100,000
Ramsey	100	--	15.0	--	1,500	--
Washington	1,200	1,100	17.5	17.7	21,000	19,500
Other Counties	--	400	--	16.3	--	6,500
East Central	26,300	24,100	16.5	16.7	434,000	402,000
Cottonwood	1,400	1,300	16.8	16.9	23,500	22,000
Jackson	600	600	16.7	16.7	10,000	10,000
Lincoln	2,900	2,700	16.6	16.7	48,000	45,000
Lyon	1,300	1,300	16.9	16.9	22,000	22,000
Murray	4,300	4,300	17.1	17.2	73,500	74,000
Nobles	4,300	4,500	16.9	17.0	72,500	76,500
Pipestone	4,900	4,700	16.7	16.8	82,000	79,000
Redwood	1,900	1,800	16.6	16.7	31,500	30,000
Rock	3,100	2,900	16.5	16.6	51,000	48,000
Southwest	24,700	24,100	16.8	16.9	414,000	406,500
Blue Earth	1,500	1,400	17.3	17.5	26,000	24,500
Brown	6,900	6,700	17.3	17.4	119,500	116,500
Faribault	2,100	2,400	17.6	17.7	37,000	42,500
Freeborn	1,600	1,600	16.9	17.2	27,000	27,500
Le Sueur	3,200	3,400	17.7	17.6	56,500	60,000
Martin	1,200	1,200	16.3	16.3	19,500	19,500
Nicollet	5,000	6,100	18.0	17.9	90,000	109,000
Rice	9,100	8,700	17.0	17.0	154,500	148,000
Steele	4,800	4,800	17.3	17.3	83,000	83,000
Waseca	2,700	2,700	17.2	17.4	46,500	47,000
Watsonwan	900	900	17.2	17.2	15,500	15,500
South Central	39,000	39,900	17.3	17.4	675,000	693,000
Dakota	4,100	3,900	17.7	17.7	72,500	69,000
Dodge	6,500	6,400	18.5	18.6	120,500	119,000
Fillmore	13,400	12,800	17.3	17.4	232,000	222,500
Goodhue	22,700	21,600	18.1	18.1	410,500	392,000
Houston	9,500	9,500	17.5	17.6	166,500	167,500
Mower	4,900	5,100	17.7	17.7	86,500	90,500
Olmsted	10,000	9,400	17.9	18.0	178,500	169,000
Wabasha	18,600	17,700	17.7	17.8	329,000	314,500
Winona	26,400	25,800	18.4	18.5	486,500	477,000
Southeast	116,100	112,200	17.9	18.0	2,082,500	2,021,000
Minnesota	487,000	473,000	17.4	17.5	8,458,000	8,258,000

1/ For 2003, Counties with less than 100 head are not published.

2/ For 2004, Counties with less than 500 head are not listed separately, but are combined under Other Counties or Other Districts.
Counties may not be published separately to avoid disclosure of individual operations.

DAIRY: Farm Numbers by County and District, Minnesota, January 2004 1/

County and District	Grade A 2/	Grade B 3/	Total	County and District	Grade A 2/	Grade B 3/	Total
		<u>Number</u>				<u>Number</u>	
Becker	72	9	81	Aitkin	11	5	16
Clay	16	3	19	Anoka	3	1	4
Clearwater	14	9	23	Carlton	23	6	29
Kittson	5	--	5	Chisago	32	2	34
Mahnomen	21	--	21	Crow Wing	19	1	20
Marshall	13	--	13	Hennepin	24	--	24
Norman	14	3	17	Isanti	8	1	9
Pennington	8	1	9	Kanabec	35	5	40
Polk	28	6	34	Mille Lacs	56	18	74
Red Lake	13	--	13	Pine	74	17	91
Roseau	24	5	29	Ramsey	1	--	1
Northwest	228	36	264	Washington	22	--	22
				East Central	308	56	364
Beltrami	24	1	25				
Cass	15	7	22	Cottonwood	12	6	18
Hubbard	7	2	9	Jackson	3	4	7
Itasca	5	--	5	Lincoln	22	13	35
Koochiching	4	--	4	Lyon	14	6	20
Lake of the Woods	3	--	3	Murray	33	5	38
North Central	58	10	68	Nobles	29	9	38
				Pipestone	36	10	46
Cook	--	--	--	Redwood	18	10	28
Lake	--	--	--	Rock	21	5	26
St. Louis	13	2	15	Southwest	188	68	256
Northeast	13	2	15				
				Blue Earth	15	7	22
Big Stone	11	4	15	Brown	86	17	103
Chippewa	5	--	5	Faribault	10	2	12
Douglas	123	20	143	Freeborn	17	7	24
Grant	13	4	17	Le Sueur	34	8	42
Lac Qui Parle	11	9	20	Martin	10	3	13
Otter Tail	325	37	362	Nicollet	52	10	62
Pope	78	7	85	Rice	99	22	121
Stevens	8	1	9	Steele	69	8	77
Swift	26	3	29	Waseca	28	2	30
Traverse	--	--	--	Watsonwan	7	2	9
Wilkin	8	1	9	South Central	427	88	515
Yellow Medicine	16	8	24				
West Central	624	94	718	Dakota	36	1	37
				Dodge	45	4	49
Benton	141	14	155	Fillmore	114	58	172
Carver	119	26	145	Goodhue	187	9	196
Kandiyohi	103	10	113	Houston	101	21	122
McLeod	96	18	114	Mower	53	5	58
Meeker	73	7	80	Olmsted	111	15	126
Morrison	339	40	379	Wabasha	167	28	195
Renville	29	5	34	Winona	224	24	248
Scott	58	6	64	Southeast	1,038	165	1,203
Sherburne	8	3	11				
Sibley	72	12	84	Minnesota	5,167	802	5,969
Stearns	829	53	882				
Todd	244	55	299				
Wadena	68	9	77				
Wright	104	25	129				
Central	2,283	283	2,566				

1/ "-- " indicates no dairy operations for the particular grade.

2/ Fluid market milk

3/ Manufacturing grade milk

Source: MN Department of Agriculture, Dairy & Food Division

POULTRY

In 2003, Minnesota turkey growers ranked first in turkeys raised and in pounds produced. Minnesota raised 45.0 million turkeys, 2 percent above 2002. The total liveweight of turkeys produced was 1.22 billion pounds, up 6 percent from the previous year. The average price received for turkeys in 2003 was 35 cents per pound, down 1 cent from 2002. The value of the state's turkey production in 2003 was up 3 percent to \$425.3 million.

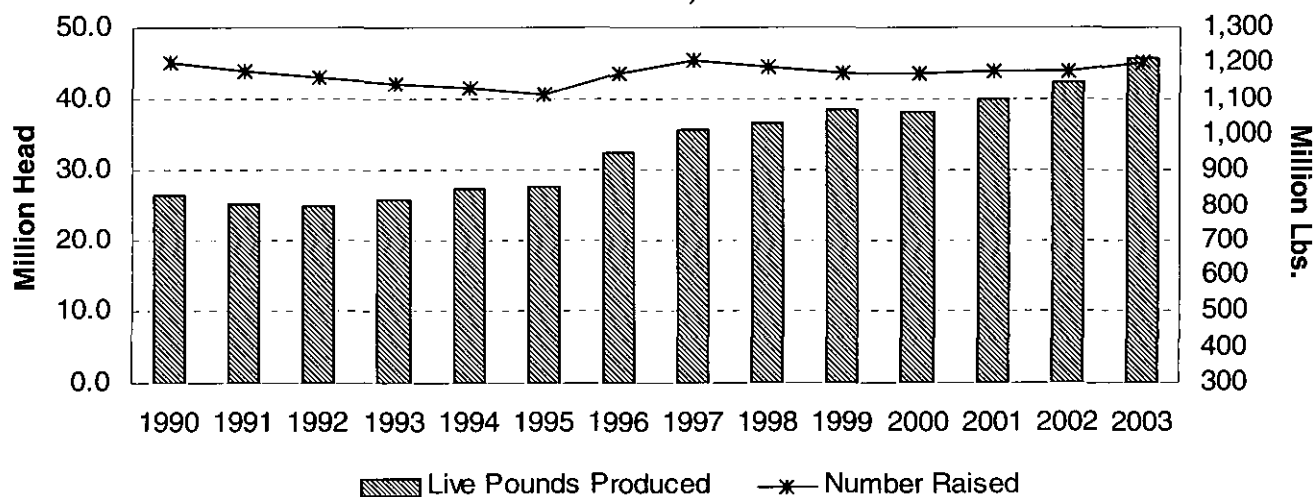
During 2003, hatcheries in the West North Central Region (which includes the states of Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota, and Minnesota) placed 108.1 million turkey poults, down slightly from 2002.

Minnesota's total chicken inventory (excluding broilers) on December 1, 2003, was down 3 percent from the previous year at 14.6 million birds. The state's egg production in 2003 was 2.96 billion eggs, down 6 percent from 2002. The value of eggs produced was up 38 percent in 2003 to \$146.4 million. The all-egg price increased to 59.3 cents per dozen. The annual average number of layers on farms was down 6 percent at 11.2 million.

In 2003, the number of broilers produced was up 1 percent to 44.8 million. From 2002 to 2003, value of production increased 13 percent to \$77.7 million in 2003. These poultry estimates are based on survey data reported by producers, hatcheries, and processing plants.



**TURKEY PRODUCTION
MINNESOTA, 1990-2003**



POULTRY: Chicken Inventory, Egg Production, and Value, Minnesota, 1999-2003

Year	Chickens on Farms, Dec 1		Chickens 1/ 2/		Eggs 1/		Egg-Type Chicks Hatched
	All	Hens & Pullets of Laying Age	Number Sold	Value of Sales	Number Produced	Value of Production	
	--- 1,000 Birds --		1,000 Birds	1,000 Dollars	Mil. Eggs	1,000 Dollars	1,000 Birds
1999	16,625	12,965	6,200	239	3,138	114,537	20,746
2000	15,815	12,480	6,277	45	3,271	116,666	20,144
2001	15,803	12,215	5,792	21	3,112	112,810	19,000
2002	15,005	11,780	5,167	19	3,159	106,216	17,586
2003	14,600	11,310	4,645	251	2,962	146,372	14,721

1/ December previous year through November current year.

2/ Excludes commercial broilers.

POULTRY: Broiler and Turkey Production, and Value, Minnesota, 1999-2003

Year	Commercial Broilers 1/		Turkeys	
	Number Raised	Value of Production	Number Raised	Value of Production
	1,000 Birds	1,000 Dollars	1,000 Birds	1,000 Dollars
1999	44,200	77,976	43,500	373,013
2000	44,200	72,930	43,500	360,876
2001	43,900	85,605	44,000	385,000
2002	44,200	68,940	44,000	413,424
2003	44,800	77,690	45,000	425,250

1/ December previous year through November current year.

POULTRY: Layers and Egg Production by District, Minnesota 2002-2003

District	Annual Average Layers		Annual Average Eggs per Layer		Total Egg Production	
	2002	2003	2002	2003	2002	2003
	----- Number -----				----- 1,000 Eggs -----	
Northwest	1,026,000	978,000	266	264	273,000	258,000
West Central	337,000	293,000	267	266	90,000	78,000
Central	7,352,000	6,961,000	266	266	1,956,000	1,850,000
Southwest	206,000	175,000	267	263	55,000	46,000
Southeast	217,000	199,000	268	261	58,000	52,000
Other Districts	2,731,000	2,578,000	266	263	727,000	678,000
Minnesota	11,869,000	11,184,000	266	265	3,159,000	2,962,000

Note: Poultry estimates by county are not available.

POULTRY: Production by Month, Minnesota, 1999-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
Chickens: Layers on Farms													
	<u>Million</u>												
1999	12.2	12.2	12.2	12.3	12.3	12.4	12.3	12.4	12.4	12.3	12.6	12.8	12.3
2000	12.7	12.7	12.7	12.4	12.5	12.6	12.6	12.6	12.5	12.4	12.4	12.5	12.6
2001	12.4	12.3	12.2	12.0	11.9	11.9	11.9	11.9	12.1	12.2	12.3	12.1	12.1
2002	12.2	12.3	12.0	11.6	11.7	11.7	11.5	11.4	11.5	11.5	11.4	11.5	11.7
2003	11.4	11.4	11.4	11.3	11.1	11.1	11.0	11.1	11.0	10.9	11.1	11.0	11.2

Eggs: Average Number Laid per Layer per Month

	<u>Number</u>												
1999	21.5	19.4	21.5	20.7	21.5	20.9	21.8	21.9	21.0	21.7	21.1	22.0	255
2000	21.8	20.8	22.2	21.1	22.4	21.6	21.8	22.1	21.3	21.9	21.1	21.6	260
2001	21.2	19.8	21.6	20.7	21.9	20.9	21.9	22.6	22.0	22.0	20.3	21.7	256
2002	22.9	20.7	23.0	21.9	22.2	22.4	22.9	22.6	21.9	22.6	21.6	21.6	266
2003	22.5	21.6	22.6	22.3	23.0	22.0	22.8	22.5	21.5	22.1	21.3	22.4	265

Eggs: Production on Farms 2/

	<u>Million Eggs</u>												
1999	262	237	262	255	266	259	268	271	261	266	267	282	3,138
2000	277	265	281	262	279	273	275	278	267	271	261	269	3,271
2001	263	244	264	248	261	249	260	270	266	269	249	263	3,112
2002	278	255	275	254	259	261	263	258	252	259	247	248	3,124
2003	257	234	258	252	256	244	251	249	237	240	236	246	2,962

Chickens: Egg-Type Hatchery Production

	<u>1,000 Birds</u>												
1999	1,776	2,057	2,213	2,012	1,856	1,763	1,637	1,422	1,716	1,828	1,310	1,156	20,746
2000	1,769	1,656	2,012	1,801	1,799	2,101	1,652	1,468	1,540	1,342	1,636	1,368	20,144
2001	1,506	1,902	1,375	1,519	1,680	1,991	1,780	1,468	1,438	1,488	1,758	1,095	19,000
2002	1,319	1,360	1,716	1,317	1,303	1,708	1,416	1,476	1,662	1,200	1,616	1,493	17,586
2003	1,436	1,465	1,451	1,451	1,130	1,130	1,100	1,116	1,108	1,112	1,110	1,112	14,721

1/ Annual data for layers and eggs represent December previous year through November current year. Annual data for hatcheries represent calendar year.

2/ Based on unrounded number of layers and eggs per layer.

POULTRY: Production by Month, West North Central Region, 1999-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
Turkeys: Hatchery Placements 2/													
	<u>1,000 Birds</u>												
1999	8,164	7,999	8,992	9,228	8,840	9,074	8,858	8,472	7,430	7,704	8,045	8,831	101,637
2000	8,265	8,126	8,718	7,880	8,233	9,056	8,775	7,921	7,958	7,757	8,234	8,084	99,007
2001	8,775	8,275	9,080	8,759	9,330	8,878	8,956	8,527	7,471	8,300	8,619	8,671	103,641
2002	9,073	8,939	9,192	9,525	9,499	8,834	9,016	8,864	8,475	9,082	8,788	8,929	108,216
2003	9,233	9,227	9,319	8,926	9,261	8,994	9,197	8,795	8,796	9,141	8,238	8,946	108,073

1/ Annual data for hatcheries represent calendar year.

2/ Totals are placements from hatcheries in the West North Central Region which includes Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. Data represent total placements excluding exported poultry.

MINK: Operations and Production, Minnesota, 1999-2003

Year	Number of Mink Farms	Pelts Produced	Females Bred 1/
		Number	
1999	40	262,700	62,900
2000	37	284,800	62,300
2001	36	286,500	59,600
2002	33	267,000	54,600
2003 2/			

1/ Females bred to produce kits the following year.

2/ Data for 2003 will be available July 15, 2004.

BEE AND HONEY: Colonies and Production, Minnesota, 1999-2003

Year	Number of Colonies	Yield per Colony	Production	Stocks Dec 15 1/	Average Price per Pound	Value of Production
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 Lbs.</u>		<u>Cents</u>	<u>1,000 Dollars</u>
1999	145	82	11,890	3,210	61	7,253
2000	150	90	13,500	3,105	57	7,695
2001	135	81	10,935	1,859	65	7,108
2002	117	73	8,541	1,110	147	12,555
2003	120	83	9,960	1,892	146	14,542

1/ Does not include stocks under loan.



Crop Prices Received by Farmers

The 2003 Minnesota Marketing year average price for corn increased 20 cents per bushel from 2002, while the soybean Market year average price increased \$1.58. The wheat Market year average price decreased 16 cents, and the hay Market year average price decreased \$1.50 per ton. The primary sources of the crops prices listed in the following tables are elevators and dealers, who buy directly from farmers.

Corn: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
Dollars per Bushel				
October	1.60	1.68	2.20	1.99
November	1.70	1.71	2.12	2.07
December	1.79	1.79	2.15	2.14
January	1.81	1.81	2.17	2.28
February	1.80	1.79	2.15	2.37
March	1.76	1.82	2.16	2.58
April	1.77	1.76	2.19	2.75
May	1.68	1.80	2.24	2.68
June	1.67	1.82	2.23	
July	1.72	1.97	2.10	
August	1.73	2.20	2.03	
September	1.69	2.27	2.05	
Marketing Year Average Price ^{1/}	1.71	1.90	2.15	2.35

Soybeans: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
Dollars per Bushel				
September	4.41	4.32	5.19	5.82
October	4.26	3.94	5.09	6.24
November	4.44	3.96	5.27	6.99
December	4.59	4.03	5.33	7.06
January	4.55	4.01	5.39	7.53
February	4.28	4.00	5.46	8.16
March	4.27	4.16	5.47	9.05
April	4.12	4.28	5.68	9.66
May	4.12	4.46	5.94	9.64
June	4.28	4.75	5.93	
July	4.57	5.16	5.73	
August	4.63	5.32	5.62	
Marketing Year Average Price ^{1/}	4.38	4.32	5.42	7.00

Dry Edible Beans: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
Dollars per Cwt.				
September	19.00	19.00	16.00	17.90
October	18.10	24.50	17.10	21.30
November	15.70	24.50	16.00	21.20
December	16.00	25.00	15.10	20.20
January	15.10	23.40	17.40	20.10
February	14.10	25.80	17.70	19.80
March	16.30	24.20	14.50	2/
April	16.00	28.00	13.10	19.10
May	13.80	27.30	20.30	20.10
June	12.40	2/	14.10	
July	11.30	2/	14.20	
August	14.90	2/	17.90	
Marketing Year Average Price ^{1/}	15.90	24.30	16.00	19.50

Sunflowers: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
Dollars per Cwt.				
September	9.24	2/	11.70	2/
October	7.82	10.50	12.20	14.20
November	7.13	9.41	12.00	13.20
December	8.25	9.96	12.80	13.50
January	7.24	10.40	12.90	13.00
February	8.38	11.30	2/	14.00
March	7.40	2/	13.20	2/
April	8.67	11.10	2/	14.90
May	7.20	11.00	15.20	15.30
June	8.38	13.60	2/	
July	8.76	13.20	13.80	
August	9.96	12.90	2/	
Marketing Year Average Price ^{1/}	7.90	10.90	12.70	14.20

Potatoes: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
Dollars per Cwt.				
July	5.85	2/	4.00	4.55
August	6.70	8.70	8.65	5.90
September	5.55	6.80	7.35	4.90
October	4.55	4.90	6.75	5.00
November	4.85	5.15	8.10	4.95
December	4.30	5.25	5.65	5.15
January	5.00	5.40	5.70	5.15
February	5.15	5.15	5.30	5.05
March	4.75	5.45	5.80	5.05
April	4.90	5.70	6.30	5.15
May	5.20	5.30	5.00	4.95
June	4.80	4.20	4.40	
Marketing Year Average Price ^{1/}	5.10	5.60	6.15	5.40

^{1/} Data for 2003-04 are preliminary.

^{2/} Price not published to avoid disclosure of individual firms.

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All Wheat: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
<u>Dollars per Bushel</u>				
July	2.62	2.86	3.35	3.42
August	2.52	2.89	3.75	3.51
September	2.64	2.87	4.21	3.43
October	2.79	2.97	4.39	3.55
November	3.00	2.84	4.43	3.61
December	3.04	2.98	4.27	3.69
January	3.04	2.84	4.04	3.75
February	2.98	2.90	3.79	3.82
March	2.96	2.98	3.87	3.78
April	3.03	3.04	3.45	3.97
May	3.16	3.00	3.63	3.94
June	3.03	3.03	3.51	
Marketing Year				
Average Price ^{1/}	2.89	2.93	3.86	3.70

All Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
<u>Dollars per Ton</u>				
June	61.00	59.00	67.00	67.00
July	51.00	57.00	66.00	65.00
August	47.00	56.00	67.00	68.00
September	51.00	55.00	69.00	66.00
October	53.00	52.00	62.00	63.00
November	60.00	59.00	67.00	67.00
December	62.00	61.00	69.00	70.00
January	67.00	60.00	68.00	68.00
February	64.00	58.00	70.00	68.00
March	64.00	58.00	68.00	65.00
April	68.00	59.00	68.00	68.00
May	61.00	60.00	72.00	67.00
Marketing Year				
Average Price ^{1/}	59.00	58.00	67.50	66.00

Barley: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
<u>Dollars per Bushel</u>				
July	1.57	1.54	1.97	2.35
August	1.41	1.53	1.75	2.29
September	1.49	1.45	1.93	2.35
October	1.38	1.54	2.36	2/
November	1.66	1.72	2.11	2.66
December	1.78	1.72	2.55	2/
January	1.80	2.00	3.04	2/
February	1.75	1.83	2.28	2/
March	1.74	1.74	2.51	2/
April	1.73	2.00	2.49	2/
May	1.62	2/	3.09	2/
June	1.48	2.15	2/	
Marketing Year				
Average Price ^{1/}	1.67	1.70	2.62	2.45

Alfalfa Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
<u>Dollars per Ton</u>				
June	67.00	65.00	73.00	71.00
July	59.00	63.00	75.00	70.00
August	59.00	63.00	80.00	75.00
September	58.00	61.00	79.00	73.00
October	63.00	60.00	75.00	72.00
November	68.00	65.00	76.00	72.00
December	69.00	64.00	74.00	73.00
January	73.00	64.00	74.00	72.00
February	68.00	60.00	73.00	70.00
March	69.00	62.00	73.00	68.00
April	73.00	61.00	70.00	70.00
May	69.00	61.00	73.00	68.00
Marketing Year				
Average Price ^{1/}	66.50	62.50	74.50	70.50

Oats: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
<u>Dollars per Bushel</u>				
July	0.96	1.24	1.60	1.36
August	0.87	1.18	1.59	1.25
September	0.84	1.26	1.60	1.30
October	0.95	1.46	1.62	1.34
November	1.01	1.72	1.64	1.32
December	1.05	1.83	1.82	1.43
January	1.13	1.91	2.00	1.47
February	1.18	1.81	1.94	1.49
March	1.13	1.91	1.85	1.67
April	1.16	1.91	1.87	1.61
May	1.12	1.77	1.78	1.65
June	1.09	1.91	1.59	
Marketing Year				
Average Price ^{1/}	0.99	1.53	1.65	1.30

All Other Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2000-2004

Month	2000-01	2001-02	2002-03	2003-04
<u>Dollars per Ton</u>				
June	43.00	41.00	50.00	55.00
July	37.00	46.00	50.00	54.00
August	37.00	46.00	50.00	58.00
September	40.00	44.00	50.00	52.00
October	39.00	44.00	50.00	53.00
November	44.00	45.00	50.00	55.00
December	45.00	45.00	49.00	54.00
January	45.00	45.00	49.00	53.00
February	43.00	40.00	49.00	51.00
March	43.00	41.00	49.00	53.00
April	45.00	42.00	50.00	51.00
May	45.00	43.00	55.00	48.00
Marketing Year				
Average Price ^{1/}	41.00	44.00	50.00	54.50

1/ Data for 2003-04 are preliminary.

2/ Price not published to avoid disclosure of individual firms.

LIVESTOCK, DAIRY, AND POULTRY PRICE

The livestock and dairy price statistics included in these tables are based on reports from farmers, auction markets, livestock buyers, meat and poultry processing plants, Market News Service, produce houses, egg handlers and dealers, marketing cooperatives, dairy plants, and other firms doing business with farmers. The marketing year for livestock, dairy, and poultry items is a calendar year, except for hogs, chickens, and eggs, which are on a December-November basis.

The 2003 Minnesota annual average prices for meat animals were higher than 2002. Beef cattle were up \$13.40 per hundredweight and steers and heifers were up \$17.10. Cows increased \$8.10 and calves were up \$9.20. All hogs and barrows and gilts both increased \$3.80 while sows were up \$4.60. Sheep were up \$5.20 and lambs were up \$18.20. All milk was \$12.80 while grade A fluid milk was \$12.90 and manufacturing milk was \$11.40 per 100 pounds. Milk cows for dairy herd replacement were down \$210.00 per head. Turkeys were 35 cents per pound, down 1 cent from the previous year and table market eggs at 56 cents per dozen were up 19 cents.

PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY
By Month, Minnesota, 1999-2003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
Beef Cattle 1/													
	<u>Dollars per Cwt.</u>												
1999	54.60	55.40	57.90	58.00	57.80	59.30	57.90	58.30	59.10	60.40	60.50	62.00	58.50
2000	60.80	61.70	62.20	65.30	65.80	64.00	62.20	61.30	59.50	60.20	60.70	62.30	62.20
2001	68.10	70.10	70.50	70.90	69.30	70.70	68.50	64.70	64.10	60.60	57.70	57.90	65.90
2002	59.00	62.50	64.20	62.30	61.30	58.50	57.10	57.90	57.90	57.20	59.80	63.30	60.00
2003	67.10	66.10	66.40	67.80	69.50	67.90	69.00	71.40	75.90	84.50	88.60	85.00	73.40
Steers and Heifers													
	<u>Dollars per Cwt.</u>												
1999	60.30	59.90	61.30	62.50	61.80	63.10	62.20	62.70	63.80	65.40	66.60	67.10	63.20
2000	66.30	66.00	67.70	70.10	70.10	68.50	66.30	64.70	63.50	64.30	65.80	68.70	66.80
2001	73.60	75.40	77.10	76.40	74.30	74.90	72.60	69.80	68.20	65.10	62.60	61.60	71.00
2002	63.80	67.50	69.90	67.80	64.80	62.30	60.40	61.50	61.90	63.00	65.40	69.50	64.70
2003	73.90	75.10	74.30	76.50	76.20	75.30	74.10	77.90	84.20	96.40	100.00	94.20	81.80
Cows 2/													
	<u>Dollars per Cwt.</u>												
1999	34.30	35.60	35.60	34.90	38.00	38.40	39.10	36.80	36.20	35.80	34.60	35.90	36.20
2000	36.60	38.20	40.40	42.10	41.40	42.00	41.70	41.60	39.40	37.60	37.80	38.00	39.70
2001	39.70	45.20	44.10	45.90	47.10	48.10	46.00	45.40	43.50	39.60	36.60	36.80	42.80
2002	39.60	42.70	43.90	42.80	42.90	41.30	39.60	38.70	37.20	36.50	36.10	37.10	39.60
2003	38.30	40.60	42.80	44.10	47.20	46.80	49.80	50.70	51.10	52.30	54.30	54.30	47.70
Calves													
	<u>Dollars per Cwt.</u>												
1999	71.20	72.60	75.00	78.80	79.50	80.20	79.80	81.60	84.30	84.70	79.30	90.20	79.70
2000	90.50	89.10	95.10	104.00	103.00	98.20	93.50	96.40	95.80	91.90	91.10	90.30	94.80
2001	93.40	94.70	99.50	104.00	104.00	106.00	99.00	92.00	98.00	83.00	83.60	88.50	95.20
2002	93.50	96.80	96.90	96.00	96.70	83.40	76.20	83.00	76.00	79.80	72.90	80.90	85.40
2003	89.50	86.90	92.00	93.70	94.00	95.00	88.30	97.70	100.00	99.70	97.60	99.80	94.60

1/ Cows and Steers and Heifers combined.

2/ Beef cows and cull dairy cows sold for slaughter.

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PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY
By Month, Minnesota, 1999-2003 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
Hogs 1/ 2/													
	<u>Dollars per Cwt.</u>												
1999	25.80	28.10	26.10	29.30	37.30	34.80	31.10	36.80	33.50	34.20	33.60	36.20	30.50
2000	36.40	40.50	42.20	48.40	50.40	51.50	51.20	46.70	43.50	44.50	38.90	41.80	44.00
2001	37.40	39.60	46.60	48.30	52.60	53.20	53.70	52.60	45.20	41.03	34.70	34.20	45.50
2002	37.90	40.60	37.00	31.90	33.90	36.30	41.40	35.80	28.90	31.80	27.50	30.40	34.60
2003	32.10	34.90	35.30	34.70	42.50	47.30	45.60	43.10	40.30	39.50	36.30	36.10	38.40
Barrows and Gilts 1/													
	<u>Dollars per Cwt.</u>												
1999	26.00	28.40	26.20	29.50	37.50	35.00	31.50	37.30	33.90	34.50	33.90	36.50	30.70
2000	36.50	40.60	42.40	48.80	50.70	51.70	51.50	46.90	43.80	44.60	39.10	42.00	44.30
2001	37.50	39.80	47.00	48.60	53.20	53.80	54.10	53.10	45.70	41.60	34.80	34.30	45.80
2002	38.00	40.70	37.00	32.00	34.00	36.40	41.60	36.00	29.00	31.90	27.50	30.50	34.70
2003	32.20	35.00	35.40	34.80	42.60	47.50	45.70	43.20	40.40	39.60	36.30	36.20	38.50
Sows 1/													
	<u>Dollars per Cwt.</u>												
1999	20.20	18.90	22.30	24.20	32.40	30.20	21.10	25.40	23.30	26.50	24.30	27.60	23.80
2000	33.30	38.00	35.80	39.60	40.90	36.70	35.60	35.30	34.80	33.70	29.00	30.50	35.20
2001	32.50	34.00	37.20	42.30	40.70	41.60	42.20	40.50	34.40	33.80	28.40	24.10	37.60
2002	26.60	28.60	31.50	25.70	23.60	21.90	20.70	20.20	15.00	20.20	21.40	23.10	23.80
2003	21.70	23.40	25.00	27.10	30.40	31.30	33.90	33.10	31.40	31.60	29.40	27.50	28.40
Sheep													
	<u>Dollars per Cwt.</u>												
1999	29.10	22.60	25.40	25.70	26.60	22.90	23.20	24.40	24.70	23.20	25.20	27.10	25.00
2000	28.60	32.10	30.30	26.30	25.00	26.30	30.80	27.50	26.00	24.10	26.70	29.00	27.40
2001	30.00	30.00	32.20	27.10	25.60	21.10	25.20	25.50	23.70	17.60	20.60	25.90	24.90
2002	28.50	27.60	24.20	19.30	19.00	18.00	19.00	21.20	21.00	23.00	26.00	31.00	22.30
2003	31.40	37.50	30.90	23.60	25.20	24.30	20.40	23.00	24.70	26.50	32.30	36.70	27.50
Lambs													
	<u>Dollars per Cwt.</u>												
1999	68.20	64.50	63.50	65.80	87.80	79.30	77.50	80.70	71.60	69.20	74.30	75.90	73.20
2000	70.70	72.10	75.80	78.70	97.80	88.30	83.50	80.20	73.20	69.10	64.50	71.20	75.40
2001	73.70	83.40	85.00	83.30	87.20	68.80	59.20	49.60	48.00	44.80	48.80	61.70	62.00
2002	61.90	63.90	63.10	58.90	63.30	73.20	75.50	71.60	69.10	75.00	80.80	84.10	71.10
2003	86.20	89.90	95.40	91.70	100.00	96.40	85.30	82.00	87.10	87.90	89.90	88.60	89.30

1/ Annual average price is the marketing year average -- December previous year through November current year.

2/ "Barrows and Gilts" and "Sows" combined.

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PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY
By Month, Minnesota, 1999-2003 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
All Milk													
	<u>Dollars per Cwt.</u>												
1999	17.05	13.51	13.69	13.00	12.52	12.97	14.38	16.63	16.34	13.93	12.40	11.77	14.00
2000	11.60	11.30	11.50	11.60	11.50	12.00	12.40	12.30	12.80	12.30	11.90	12.60	12.00
2001	12.70	12.90	13.80	14.40	15.70	16.20	16.20	16.40	17.30	15.80	14.20	13.70	14.90
2002	13.80	12.90	12.50	12.40	12.10	11.30	10.70	11.10	11.70	12.40	11.80	11.80	12.10
2003	11.60	11.40	10.70	11.00	11.00	11.00	12.80	14.60	15.50	15.90	14.90	13.80	12.80
Fluid Grade Milk													
	<u>Dollars per Cwt.</u>												
1999	17.16	13.62	13.80	13.08	12.61	13.05	14.46	16.71	16.42	14.03	12.50	11.84	14.10
2000	11.70	11.40	11.60	11.70	11.60	12.10	12.50	12.40	12.90	12.40	12.00	12.70	12.10
2001	12.80	13.00	13.90	14.50	15.80	16.30	16.30	16.50	17.30	15.80	14.30	13.80	15.00
2002	13.90	13.00	12.60	12.50	12.20	11.40	10.80	11.20	11.80	12.50	11.90	11.90	12.20
2003	11.70	11.50	10.80	11.10	11.10	11.10	12.90	14.70	15.50	15.90	14.90	13.80	12.90
Manufacturing Grade Milk													
	<u>Dollars per Cwt.</u>												
1999	15.54	11.93	12.18	11.86	11.30	11.80	13.28	15.43	15.14	12.41	10.78	10.50	12.70
2000	10.30	9.90	9.80	9.80	9.80	10.30	10.60	10.50	11.30	10.50	10.00	10.60	10.30
2001	10.60	10.90	12.20	12.80	14.50	15.20	14.90	15.20	16.30	14.60	12.30	12.30	13.40
2002	12.30	11.60	11.10	11.10	10.80	10.00	9.10	9.50	10.10	11.00	10.40	10.30	10.60
2003	10.20	9.90	9.30	9.50	9.70	9.70	11.50	13.20	14.30	14.90	13.60	12.40	11.40
Milk Cows 1/													
	<u>Dollars per Head</u>												
1999	1,190	--	--	1,150	--	--	1,260	--	--	1,360	--	--	1,240
2000	1,220	--	--	1,250	--	--	1,260	--	--	1,260	--	--	1,250
2001	1,180	--	--	1,320	--	--	1,570	--	--	1,590	--	--	1,420
2002	1,470	--	--	1,650	--	--	1,580	--	--	1,280	--	--	1,500
2003	1,270	--	--	1,290	--	--	1,300	--	--	1,310	--	--	1,290

1/ Cows sold for dairy herd replacement.

-- continued



PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY
By Month, Minnesota, 1999-2003 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
Turkeys													
	<u>Cents per Pound Live Weight</u>												
1999	33	33	34	35	36	37	35	35	35	35	34	36	35
2000	33	33	34	35	35	35	34	34	34	35	35	34	34
2001	34	34	34	34	35	35	34	33	34	37	37	35	35
2002 1/													36
2003 1/													35

1/ State monthly price discontinued January 2002.

Table Market Eggs 1/

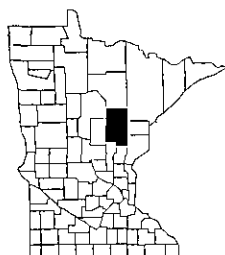
	<u>Cents per Dozen</u>												
1999	55	45	52	37	31	31	35	35	34	26	40	34	40
2000	30	45	37	44	31	38	30	46	35	46	53	67	39
2001	42	45	46	45	35	29	27	32	29	37	42	37	40
2002	40	30	54	27	23	41	32	41	35	31	50	50	37
2003	49	42	51	46	40	55	55	67	61	70	89	70	56

1/ Table market eggs include eggs sold retail by the producers; but exclude hatching eggs. The annual average price is the marketing year average - December previous year through November current year.

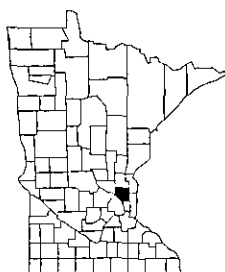


MINNESOTA
 2000 Population
 4,919,479

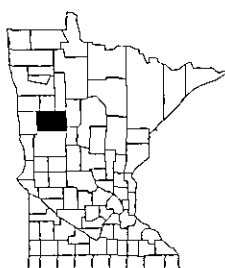

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	78,755	80,839	Corn, Bu.	6,650,000	146.0	970,900,000	4
Total Land in Farms, Acres	27,560,621	27,512,270	Soybeans, Bu.	7,400,000	31.0	229,400,000	3
Average Farm Size, Acres	350	340	All Wheat, Bu.	1,825,000	57.8	105,482,000	7
Total Cropland, Acres	22,583,431	22,729,158	Oats, Bu.	265,000	71.0	18,815,000	2
Average Age of Farmers	51.0	52.9	All Hay, Tons	2,075,000	2.5	5,245,000	9
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	4,562,882	5	Hogs and Pigs (December 1, 2003)		6,500,000		3
Livestock	4,012,745	7	Cattle (January 1, 2004)		2,400,000		10
Government Payments	350,709	4	Beef Cows (January 1, 2004)		395,000		27
Total	8,926,336	6	Milk Cows (January 1, 2004)		465,000		5

AITKIN
 2000 Population
 15,301


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	674	674	Corn, Bu.	300	82.0	24,600	79
Total Land in Farms, Acres	192,152	174,364	Soybeans, Bu.	3,700	33.0	122,100	75
Average Farm Size, Acres	285	259	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	92,791	92,785	Oats, Bu.	400	47.0	18,800	75
Average Age of Farmers	54.1	55.4	All Hay, Tons	52,000	1.3	65,600	30
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	6,861	75	Hogs and Pigs (December 1, 2003)		*		*
Livestock	5,326	78	Cattle (January 1, 2004)		13,000		61
Government Payments	285	79	Beef Cows (January 1, 2004)		6,500		21
Total	12,472	79	Milk Cows (January 1, 2004)		800		73

ANOKA
 2000 Population
 298,084


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	545	552	Corn, Bu.	7,400	86.0	636,400	69
Total Land in Farms, Acres	60,176	60,387	Soybeans, Bu.	5,200	17.0	88,400	76
Average Farm Size, Acres	110	109	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	41,269	42,575	Oats, Bu.	*	*	*	*
Average Age of Farmers	52.9	54.8	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	43,024	51	Hogs and Pigs (December 1, 2003)		*		*
Livestock	6,719	72	Cattle (January 1, 2004)		*		*
Government Payments	198	81	Beef Cows (January 1, 2004)		800		81
Total	49,941	63	Milk Cows (January 1, 2004)		*		*

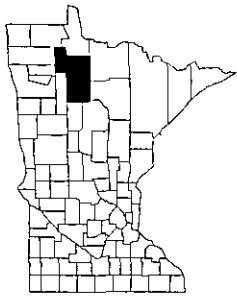
BECKER
 2000 Population
 30,000


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,210	1,254	Corn, Bu.	12,900	101.0	1,302,900	66
Total Land in Farms, Acres	442,673	416,554	Soybeans, Bu.	85,500	26.0	2,223,000	47
Average Farm Size, Acres	366	332	All Wheat, Bu.	57,100	55.0	3,140,500	10
Total Cropland, Acres	310,414	294,964	Oats, Bu.	5,100	63.0	321,300	17
Average Age of Farmers	51.6	53.8	All Hay, Tons	45,400	2.3	106,300	12
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	46,394	47	Hogs and Pigs (December 1, 2003)		9,500		54
Livestock	51,972	35	Cattle (January 1, 2004)		31,000		24
Government Payments	4,126	44	Beef Cows (January 1, 2004)		7,500		17
Total	102,492	42	Milk Cows (January 1, 2004)		6,500		22

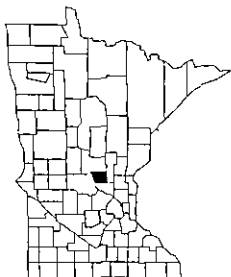
Population data is from the U.S. Census Bureau.

* County estimates not published.

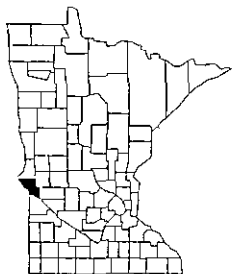
1/ 2002 Census of Agriculture.

BELTRAMI2000 Population
39,650

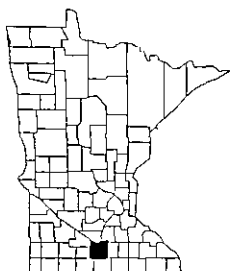
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	733	746	Corn, Bu.	400	68.0	27,200	78
Total Land in Farms, Acres	245,736	232,735	Soybeans, Bu.	3,500	24.0	84,000	77
Average Farm Size, Acres	335	312	All Wheat, Bu.	6,400	59.5	381,100	24
Total Cropland, Acres	129,432	124,863	Oats, Bu.	5,600	69.0	386,400	13
Average Age of Farmers	53.6	54.7	All Hay, Tons	53,500	1.8	98,400	14
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	4,592	79	Hogs and Pigs (December 1, 2003)		*		*
Livestock	12,722	59	Cattle (January 1, 2004)		28,000		27
Government Payments	1,024	67	Beef Cows (January 1, 2004)		11,000		6
Total	18,338	76	Milk Cows (January 1, 2004)		2,000		48

BENTON2000 Population
34,226

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	892	965	Corn, Bu.	45,100	118.0	5,321,800	52
Total Land in Farms, Acres	185,370	195,949	Soybeans, Bu.	29,800	23.0	685,400	62
Average Farm Size, Acres	208	203	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	137,202	143,799	Oats, Bu.	3,500	50.0	175,000	33
Average Age of Farmers	49.2	50.5	All Hay, Tons	25,300	2.3	57,900	32
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	19,337	65	Hogs and Pigs (December 1, 2003)		21,000		43
Livestock	68,978	24	Cattle (January 1, 2004)		36,000		18
Government Payments	2,369	62	Beef Cows (January 1, 2004)		4,100		35
Total	90,684	49	Milk Cows (January 1, 2004)		12,100		9

BIG STONE2000 Population
5,820

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	448	446	Corn, Bu.	71,000	117.0	8,307,000	44
Total Land in Farms, Acres	273,209	274,038	Soybeans, Bu.	110,100	26.0	2,862,600	38
Average Farm Size, Acres	610	614	All Wheat, Bu.	33,300	58.0	1,930,500	14
Total Cropland, Acres	244,219	247,577	Oats, Bu.	*	*	*	*
Average Age of Farmers	49.1	51.2	All Hay, Tons	6,300	2.3	14,800	76
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	44,923	50	Hogs and Pigs (December 1, 2003)		43,000		34
Livestock	12,747	58	Cattle (January 1, 2004)		8,000		76
Government Payments	3,061	58	Beef Cows (January 1, 2004)		2,000		65
Total	60,731	58	Milk Cows (January 1, 2004)		900		69

BLUE EARTH2000 Population
55,941

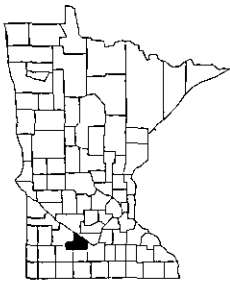
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,082	1,125	Corn, Bu.	175,200	164.0	28,732,800	5
Total Land in Farms, Acres	409,560	405,564	Soybeans, Bu.	169,500	34.0	5,763,000	9
Average Farm Size, Acres	379	361	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	375,047	374,158	Oats, Bu.	700	68.0	47,600	68
Average Age of Farmers	50.1	52.2	All Hay, Tons	7,300	2.8	20,500	69
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	97,666	11	Hogs and Pigs (December 1, 2003)		416,000		2
Livestock	112,664	7	Cattle (January 1, 2004)		14,000		58
Government Payments	5,055	27	Beef Cows (January 1, 2004)		1,300		74
Total	215,385	7	Milk Cows (January 1, 2004)		1,200		62

Population data is from the U.S. Census Bureau.

* County estimates not published.

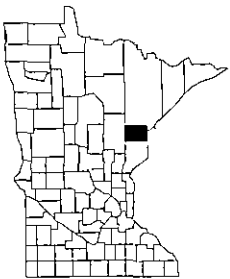
1/ 2002 Census of Agriculture.

BROWN
2000 Population
26,911



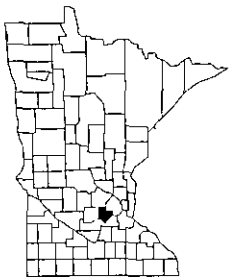
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,064	1,047	Corn, Bu.	152,900	157.0	24,005,300	11
Total Land in Farms, Acres	350,319	348,187	Soybeans, Bu.	146,200	34.0	4,970,800	15
Average Farm Size, Acres	329	333	All Wheat, Bu.	2,000	51.9	103,800	38
Total Cropland, Acres	320,713	317,425	Oats, Bu.	2,900	77.0	223,300	28
Average Age of Farmers	48.9	52.2	All Hay, Tons	10,600	3.2	34,400	56
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	72,839	28	Hogs and Pigs (December 1, 2003)			275,000	4
Livestock	92,569	12	Cattle (January 1, 2004)			39,500	16
Government Payments	4,631	37	Beef Cows (January 1, 2004)			3,100	46
Total	170,039	15	Milk Cows (January 1, 2004)			6,600	21

CARLTON
2000 Population
31,671



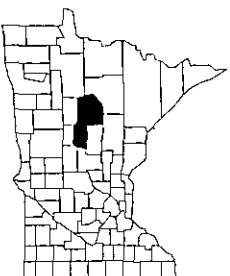
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	612	607	Corn, Bu.	200	80.0	16,000	80
Total Land in Farms, Acres	120,612	114,291	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	197	188	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	61,868	58,667	Oats, Bu.	*	*	*	*
Average Age of Farmers	51.8	53.4	All Hay, Tons	37,400	1.5	54,300	33
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	2,818	84	Hogs and Pigs (December 1, 2003)			*	*
Livestock	5,277	80	Cattle (January 1, 2004)			11,500	66
Government Payments	166	82	Beef Cows (January 1, 2004)			4,000	39
Total	8,261	81	Milk Cows (January 1, 2004)			1,800	52

CARVER
2000 Population
70,205



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	831	820	Corn, Bu.	55,500	145.0	8,047,500	45
Total Land in Farms, Acres	159,012	171,913	Soybeans, Bu.	42,700	30.0	1,281,000	56
Average Farm Size, Acres	191	210	All Wheat, Bu.	1,900	48.2	91,600	39
Total Cropland, Acres	129,401	148,505	Oats, Bu.	1,800	74.0	133,200	47
Average Age of Farmers	51.5	53.2	All Hay, Tons	21,500	3.1	66,800	25
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	30,110	57	Hogs and Pigs (December 1, 2003)			17,000	46
Livestock	32,265	46	Cattle (January 1, 2004)			33,500	21
Government Payments	2,661	60	Beef Cows (January 1, 2004)			1,500	70
Total	65,036	56	Milk Cows (January 1, 2004)			11,600	10

CASS
2000 Population
27,150

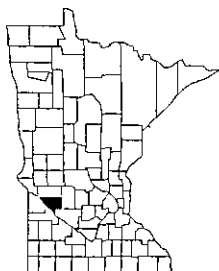


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	677	646	Corn, Bu.	3,500	108.0	378,000	73
Total Land in Farms, Acres	207,438	197,153	Soybeans, Bu.	1,400	35.0	49,000	78
Average Farm Size, Acres	306	305	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	102,089	100,842	Oats, Bu.	400	49.0	19,600	74
Average Age of Farmers	51.9	54.5	All Hay, Tons	54,500	1.2	66,400	27
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	3,949	81	Hogs and Pigs (December 1, 2003)			*	*
Livestock	10,378	63	Cattle (January 1, 2004)			26,000	35
Government Payments	300	78	Beef Cows (January 1, 2004)			11,700	5
Total	14,627	77	Milk Cows (January 1, 2004)			1,800	52

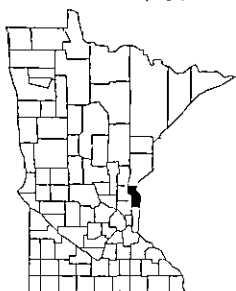
Population data is from the U.S. Census Bureau.

* County estimates not published.

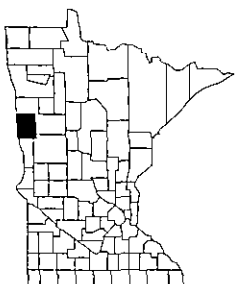
1/ 2002 Census of Agriculture.

CHIPPEWA2000 Population
13,088

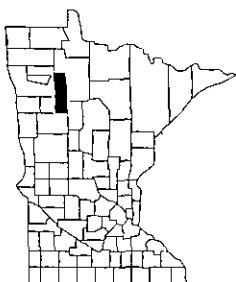
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	629	694	Corn, Bu.	137,300	153.0	21,006,900	17
Total Land in Farms, Acres	319,030	339,652	Soybeans, Bu.	119,800	34.0	4,073,200	26
Average Farm Size, Acres	507	489	All Wheat, Bu.	2,600	57.0	148,200	35
Total Cropland, Acres	298,058	312,358	Oats, Bu.	1,500	88.0	132,000	48
Average Age of Farmers	49.1	53.2	All Hay, Tons	5,500	2.5	13,800	77
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	87,784	13	Hogs and Pigs (December 1, 2003)		35,000		36
Livestock	15,097	55	Cattle (January 1, 2004)		9,000		73
Government Payments	4,671	35	Beef Cows (January 1, 2004)		1,900		66
Total	107,552	40	Milk Cows (January 1, 2004)		500		78

CHISAGO2000 Population
41,101

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	860	943	Corn, Bu.	18,300	101.0	1,848,300	60
Total Land in Farms, Acres	131,305	116,948	Soybeans, Bu.	24,600	23.0	565,800	63
Average Farm Size, Acres	153	124	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	89,970	80,484	Oats, Bu.	500	42.0	21,000	73
Average Age of Farmers	52.5	53.4	All Hay, Tons	14,600	2.3	33,100	58
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	20,165	64	Hogs and Pigs (December 1, 2003)		3,500		59
Livestock	8,584	68	Cattle (January 1, 2004)		12,500		63
Government Payments	894	72	Beef Cows (January 1, 2004)		2,900		49
Total	29,643	67	Milk Cows (January 1, 2004)		2,300		45

CLAY2000 Population
51,229

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	943	877	Corn, Bu.	36,800	117.0	4,305,600	54
Total Land in Farms, Acres	607,129	600,600	Soybeans, Bu.	157,600	28.0	4,412,800	22
Average Farm Size, Acres	644	685	All Wheat, Bu.	154,100	58.0	8,936,200	4
Total Cropland, Acres	549,863	543,324	Oats, Bu.	2,100	74.0	155,400	39
Average Age of Farmers	51.0	52.1	All Hay, Tons	27,900	2.9	81,400	18
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	112,696	5	Hogs and Pigs (December 1, 2003)		19,000		45
Livestock	22,228	51	Cattle (January 1, 2004)		17,000		54
Government Payments	6,479	12	Beef Cows (January 1, 2004)		4,500		31
Total	141,403	26	Milk Cows (January 1, 2004)		1,900		51

CLEARWATER2000 Population
8,423

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	630	627	Corn, Bu.	2,000	107.0	214,000	76
Total Land in Farms, Acres	232,333	226,452	Soybeans, Bu.	5,900	27.0	159,300	72
Average Farm Size, Acres	369	361	All Wheat, Bu.	6,400	43.5	278,100	26
Total Cropland, Acres	123,227	121,196	Oats, Bu.	4,100	73.0	299,300	20
Average Age of Farmers	53.6	54.9	All Hay, Tons	49,600	2.0	98,700	13
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	9,011	73	Hogs and Pigs (December 1, 2003)		*		*
Livestock	11,016	61	Cattle (January 1, 2004)		26,000		35
Government Payments	900	71	Beef Cows (January 1, 2004)		9,500		10
Total	20,927	74	Milk Cows (January 1, 2004)		1,000		66

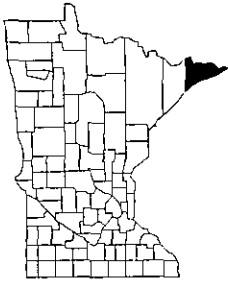
Population data is from the U.S. Census Bureau.

* County estimates not published.

1/ 2002 Census of Agriculture.

COOK

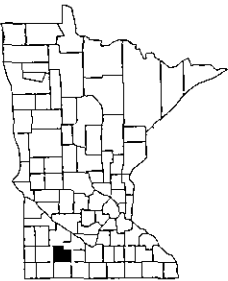
2000 Population
5,168



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	13	20	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	(D)	3,269	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	(D)	163	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	1,036	1,647	Oats, Bu.	*	*	*	*
Average Age of Farmers	55.6	54.4	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	282	87	Hogs and Pigs (December 1, 2003)			*	*
Livestock	66	87	Cattle (January 1, 2004)			*	*
Government Payments	*	*	Beef Cows (January 1, 2004)			*	*
Total	348	87	Milk Cows (January 1, 2004)			*	*

COTTONWOOD

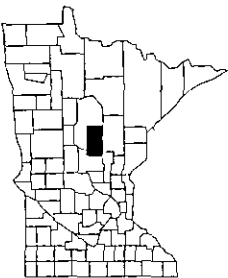
2000 Population
12,167



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	807	832	Corn, Bu.	166,300	147.0	24,446,100	10
Total Land in Farms, Acres	380,808	374,717	Soybeans, Bu.	163,400	34.0	5,555,600	11
Average Farm Size, Acres	472	450	All Wheat, Bu.	1,400	61.0	85,400	40
Total Cropland, Acres	335,459	345,911	Oats, Bu.	1,300	73.0	94,900	53
Average Age of Farmers	49.2	52.0	All Hay, Tons	7,200	3.1	22,400	67
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	76,263	21	Hogs and Pigs (December 1, 2003)			184,000	15
Livestock	70,595	20	Cattle (January 1, 2004)			26,500	32
Government Payments	4,892	28	Beef Cows (January 1, 2004)			2,900	49
Total	151,750	22	Milk Cows (January 1, 2004)			1,300	60

CROW WING

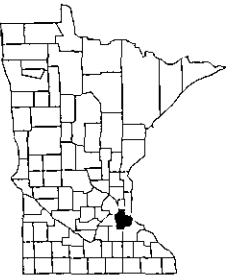
2000 Population
55,099



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	681	755	Corn, Bu.	4,000	90.0	360,000	75
Total Land in Farms, Acres	145,737	144,743	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	214	192	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	74,137	68,536	Oats, Bu.	1,700	51.0	86,700	58
Average Age of Farmers	54.0	54.0	All Hay, Tons	34,600	1.3	45,700	41
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	5,005	78	Hogs and Pigs (December 1, 2003)			3,400	60
Livestock	8,722	67	Cattle (January 1, 2004)			13,000	61
Government Payments	339	77	Beef Cows (January 1, 2004)			5,700	24
Total	14,066	78	Milk Cows (January 1, 2004)			1,400	59

DAKOTA

2000 Population
355,904



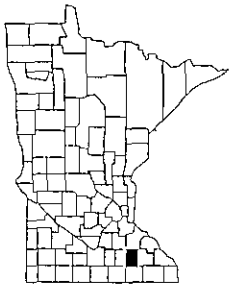
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	962	997	Corn, Bu.	87,200	145.0	12,644,000	37
Total Land in Farms, Acres	226,753	235,763	Soybeans, Bu.	66,600	30.0	1,998,000	50
Average Farm Size, Acres	236	236	All Wheat, Bu.	1,100	45.5	50,000	45
Total Cropland, Acres	198,079	207,219	Oats, Bu.	2,000	67.0	134,000	46
Average Age of Farmers	51.4	53.4	All Hay, Tons	12,400	3.0	36,600	52
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	74,480	26	Hogs and Pigs (December 1, 2003)			25,000	37
Livestock	37,521	43	Cattle (January 1, 2004)			30,000	25
Government Payments	3,003	59	Beef Cows (January 1, 2004)			2,000	61
Total	115,004	34	Milk Cows (January 1, 2004)			3,800	35

Population data is from the U.S. Census Bureau.

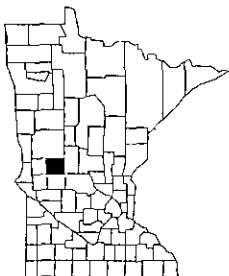
* County estimates not published.

1/ 2002 Census of Agriculture.

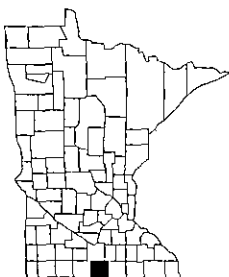
(D) Withheld to avoid disclosing data for individual farms.

DODGE2000 Population
17,731

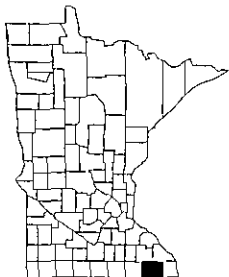
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	716	697	Corn, Bu.	106,100	158.0	16,763,800	29
Total Land in Farms, Acres	253,543	233,375	Soybeans, Bu.	93,200	32.0	2,982,400	36
Average Farm Size, Acres	354	335	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	230,477	214,253	Oats, Bu.	2,000	80.0	160,000	36
Average Age of Farmers	49.9	51.5	All Hay, Tons	8,000	3.2	25,600	66
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	57,018	39	Hogs and Pigs (December 1, 2003)			125,000	21
Livestock	51,819	36	Cattle (January 1, 2004)			23,000	42
Government Payments	3,885	47	Beef Cows (January 1, 2004)			1,900	66
Total	112,722	36	Milk Cows (January 1, 2004)			6,300	24

DOUGLAS2000 Population
32,821

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,138	1,177	Corn, Bu.	48,400	128.0	6,195,200	48
Total Land in Farms, Acres	288,538	272,631	Soybeans, Bu.	71,700	24.0	1,720,800	53
Average Farm Size, Acres	254	232	All Wheat, Bu.	16,800	54.0	907,200	17
Total Cropland, Acres	213,999	207,295	Oats, Bu.	4,100	74.0	303,400	19
Average Age of Farmers	53.6	54.7	All Hay, Tons	25,500	2.6	65,900	28
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	25,118	62	Hogs and Pigs (December 1, 2003)			13,000	49
Livestock	28,083	48	Cattle (January 1, 2004)			26,500	32
Government Payments	3,679	51	Beef Cows (January 1, 2004)			3,500	43
Total	56,880	60	Milk Cows (January 1, 2004)			8,200	16

FARIBAULT2000 Population
16,181

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	894	909	Corn, Bu.	195,000	170.0	33,150,000	4
Total Land in Farms, Acres	418,700	432,088	Soybeans, Bu.	172,600	36.0	6,213,600	7
Average Farm Size, Acres	468	475	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	392,686	409,796	Oats, Bu.	900	81.0	72,900	63
Average Age of Farmers	50.5	52.5	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	113,892	4	Hogs and Pigs (December 1, 2003)			203,000	13
Livestock	52,749	33	Cattle (January 1, 2004)			12,500	63
Government Payments	6,184	16	Beef Cows (January 1, 2004)			1,100	79
Total	172,825	13	Milk Cows (January 1, 2004)			2,500	43

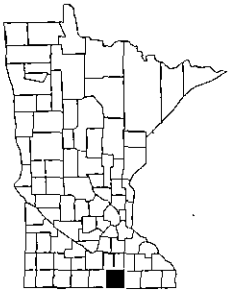
FILLMORE2000 Population
21,122

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,625	1,600	Corn, Bu.	146,800	153.0	22,460,400	15
Total Land in Farms, Acres	432,804	441,153	Soybeans, Bu.	100,000	32.0	3,200,000	34
Average Farm Size, Acres	266	276	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	323,423	339,594	Oats, Bu.	9,000	80.0	720,000	4
Average Age of Farmers	51.9	53.5	All Hay, Tons	53,000	3.6	191,100	3
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	64,559	32	Hogs and Pigs (December 1, 2003)			122,000	22
Livestock	78,194	17	Cattle (January 1, 2004)			77,000	5
Government Payments	6,684	11	Beef Cows (January 1, 2004)			18,600	1
Total	149,437	23	Milk Cows (January 1, 2004)			12,600	8

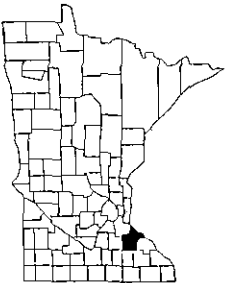
Population data is from the U.S. Census Bureau.

* County estimates not published.

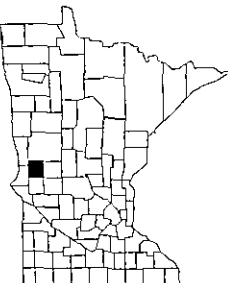
1/ 2002 Census of Agriculture.

FREEBORN2000 Population
32,584

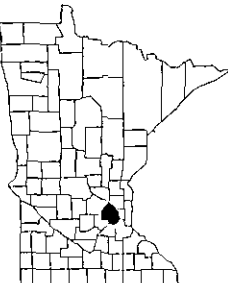
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,193	1,172	Corn, Bu.	170,400	168.0	28,627,200	6
Total Land in Farms, Acres	376,923	394,408	Soybeans, Bu.	157,000	35.0	5,495,000	13
Average Farm Size, Acres	316	337	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	347,416	364,918	Oats, Bu.	1,300	69.0	89,700	56
Average Age of Farmers	51.3	52.3	All Hay, Tons	8,200	3.3	27,200	65
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	100,537	8	Hogs and Pigs (December 1, 2003)			240,000	7
Livestock	66,255	26	Cattle (January 1, 2004)			15,500	55
Government Payments	6,195	15	Beef Cows (January 1, 2004)			2,100	60
Total	172,987	12	Milk Cows (January 1, 2004)			1,500	58

GOODHUE2000 Population
44,127

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,582	1,679	Corn, Bu.	126,400	155.0	19,592,000	23
Total Land in Farms, Acres	396,367	384,108	Soybeans, Bu.	99,500	33.0	3,283,500	33
Average Farm Size, Acres	251	229	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	321,637	312,735	Oats, Bu.	6,600	66.0	435,600	11
Average Age of Farmers	49.4	50.9	All Hay, Tons	35,500	3.2	113,000	10
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	64,503	33	Hogs and Pigs (December 1, 2003)			102,000	23
Livestock	92,509	13	Cattle (January 1, 2004)			68,000	6
Government Payments	5,869	18	Beef Cows (January 1, 2004)			6,500	21
Total	162,881	18	Milk Cows (January 1, 2004)			21,000	5

GRANT2000 Population
6,289

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	510	606	Corn, Bu.	85,900	137.0	11,768,300	41
Total Land in Farms, Acres	301,040	317,464	Soybeans, Bu.	119,000	30.0	3,570,000	29
Average Farm Size, Acres	590	524	All Wheat, Bu.	41,200	56.0	2,307,200	13
Total Cropland, Acres	268,016	288,565	Oats, Bu.	*	*	*	*
Average Age of Farmers	53.1	54.2	All Hay, Tons	6,400	2.8	18,100	73
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	62,278	34	Hogs and Pigs (December 1, 2003)			14,500	48
Livestock	7,075	71	Cattle (January 1, 2004)			5,000	81
Government Payments	4,489	41	Beef Cows (January 1, 2004)			700	83
Total	73,842	54	Milk Cows (January 1, 2004)			900	69

HENNEPIN2000 Population
1,116,200

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	641	626	Corn, Bu.	13,400	122.0	1,634,800	62
Total Land in Farms, Acres	71,864	65,426	Soybeans, Bu.	16,400	27.0	442,800	66
Average Farm Size, Acres	112	105	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	56,182	49,214	Oats, Bu.	700	55.0	38,500	70
Average Age of Farmers	53.8	55.8	All Hay, Tons	9,600	1.8	16,900	74
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	51,186	45	Hogs and Pigs (December 1, 2003)			*	*
Livestock	6,460	74	Cattle (January 1, 2004)			8,000	76
Government Payments	891	73	Beef Cows (January 1, 2004)			1,100	79
Total	58,537	59	Milk Cows (January 1, 2004)			2,000	48

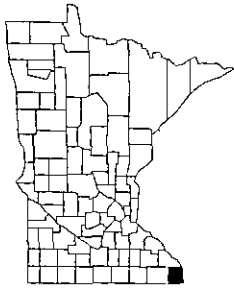
Population data is from the U.S. Census Bureau.

* County estimates not published.

1/ 2002 Census of Agriculture.

HOUSTON

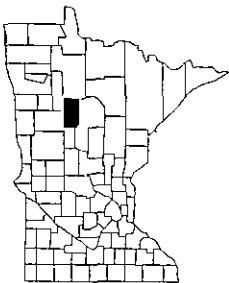
2000 Population
19,718



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	998	1,031	Corn, Bu.	48,900	153.0	7,481,700	46
Total Land in Farms, Acres	301,114	253,600	Soybeans, Bu.	27,000	34.0	918,000	60
Average Farm Size, Acres	302	246	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	188,177	151,701	Oats, Bu.	5,000	68.0	340,000	14
Average Age of Farmers	53.0	55.8	All Hay, Tons	35,600	3.8	135,200	8
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	19,193	66	Hogs and Pigs (December 1, 2003)			24,000	38
Livestock	47,367	38	Cattle (January 1, 2004)			58,500	9
Government Payments	4,651	36	Beef Cows (January 1, 2004)			9,800	8
Total	71,211	55	Milk Cows (January 1, 2004)			9,600	12

HUBBARD

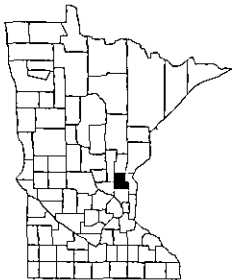
2000 Population
18,376



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	503	535	Corn, Bu.	10,400	131.0	1,362,400	65
Total Land in Farms, Acres	145,512	140,004	Soybeans, Bu.	3,700	35.0	129,500	74
Average Farm Size, Acres	289	262	All Wheat, Bu.	1,500	47.0	70,500	41
Total Cropland, Acres	76,670	74,707	Oats, Bu.	1,900	51.0	96,900	52
Average Age of Farmers	54.9	56.3	All Hay, Tons	24,400	1.4	34,600	55
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	17,309	69	Hogs and Pigs (December 1, 2003)			*	*
Livestock	5,649	76	Cattle (January 1, 2004)			9,500	70
Government Payments	429	76	Beef Cows (January 1, 2004)			4,000	39
Total	23,387	72	Milk Cows (January 1, 2004)			700	74

ISANTI

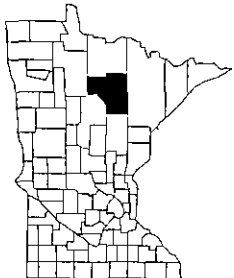
2000 Population
31,287



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	858	952	Corn, Bu.	30,300	96.0	2,908,800	57
Total Land in Farms, Acres	152,216	138,608	Soybeans, Bu.	31,200	18.0	561,600	64
Average Farm Size, Acres	177	146	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	105,945	97,435	Oats, Bu.	700	48.0	33,600	71
Average Age of Farmers	52.0	53.1	All Hay, Tons	16,000	1.8	28,100	64
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	16,249	70	Hogs and Pigs (December 1, 2003)			4,300	58
Livestock	9,347	65	Cattle (January 1, 2004)			9,500	70
Government Payments	1,145	64	Beef Cows (January 1, 2004)			2,300	56
Total	26,741	69	Milk Cows (January 1, 2004)			1,600	57

ITASCA

2000 Population
43,992



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	476	494	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	115,380	120,176	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	242	243	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	61,050	57,400	Oats, Bu.	700	63.0	44,100	69
Average Age of Farmers	53.8	55.0	All Hay, Tons	32,900	1.4	46,900	39
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	3,394	83	Hogs and Pigs (December 1, 2003)			*	*
Livestock	3,046	81	Cattle (January 1, 2004)			9,000	73
Government Payments	93	83	Beef Cows (January 1, 2004)			4,500	31
Total	6,533	82	Milk Cows (January 1, 2004)			*	*

Population data is from the U.S. Census Bureau.

* County estimates not published.

1/ 2002 Census of Agriculture.

JACKSON

2000 Population

11,268



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	982	989	Corn, Bu.	175,600	152.0	26,691,200	7
Total Land in Farms, Acres	382,192	398,068	Soybeans, Bu.	173,500	38.0	6,593,000	6
Average Farm Size, Acres	389	402	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	352,120	372,634	Oats, Bu.	900	69.0	62,100	65
Average Age of Farmers	49.9	52.8	All Hay, Tons	6,000	3.3	19,600	70
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	82,732	18	Hogs and Pigs (December 1, 2003)			224,000	9
Livestock	76,635	18	Cattle (January 1, 2004)			19,500	48
Government Payments	4,860	29	Beef Cows (January 1, 2004)			2,200	58
Total	164,227	16	Milk Cows (January 1, 2004)			600	76

KANABEC

2000 Population

14,996

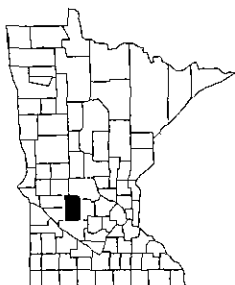


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	716	796	Corn, Bu.	12,300	81.0	996,300	68
Total Land in Farms, Acres	152,157	158,736	Soybeans, Bu.	9,700	17.0	164,900	71
Average Farm Size, Acres	213	199	All Wheat, Bu.	1,100	50.0	55,000	44
Total Cropland, Acres	73,541	85,589	Oats, Bu.	1,400	58.0	81,200	61
Average Age of Farmers	50.7	53.6	All Hay, Tons	35,700	2.0	69,700	24
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	6,295	76	Hogs and Pigs (December 1, 2003)			5,100	57
Livestock	12,699	60	Cattle (January 1, 2004)			24,000	40
Government Payments	922	70	Beef Cows (January 1, 2004)			7,900	15
Total	19,916	75	Milk Cows (January 1, 2004)			2,200	47

KANDIYOHI

2000 Population

41,203

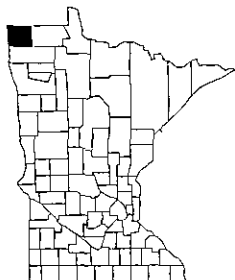


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,225	1,286	Corn, Bu.	133,600	151.0	20,173,600	19
Total Land in Farms, Acres	394,915	407,905	Soybeans, Bu.	121,800	30.0	3,654,000	28
Average Farm Size, Acres	322	317	All Wheat, Bu.	4,800	50.0	240,000	27
Total Cropland, Acres	338,569	353,536	Oats, Bu.	2,600	77.0	200,200	30
Average Age of Farmers	51.3	54.9	All Hay, Tons	21,100	3.4	72,400	22
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	83,050	17	Hogs and Pigs (December 1, 2003)			89,000	28
Livestock	147,845	2	Cattle (January 1, 2004)			26,500	32
Government Payments	6,904	9	Beef Cows (January 1, 2004)			2,400	55
Total	237,799	4	Milk Cows (January 1, 2004)			7,300	19

KITTSO

2000 Population

5,285

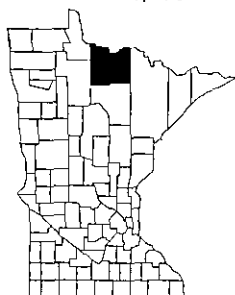


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	635	659	Corn, Bu.	3,400	115.0	391,000	72
Total Land in Farms, Acres	581,505	555,561	Soybeans, Bu.	77,200	31.0	2,393,200	46
Average Farm Size, Acres	916	843	All Wheat, Bu.	173,300	59.7	10,354,600	3
Total Cropland, Acres	494,187	470,873	Oats, Bu.	7,000	78.0	546,000	7
Average Age of Farmers	51.8	55.4	All Hay, Tons	27,900	2.5	69,900	23
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	60,497	35	Hogs and Pigs (December 1, 2003)			1,400	63
Livestock	9,469	64	Cattle (January 1, 2004)			15,000	57
Government Payments	7,859	6	Beef Cows (January 1, 2004)			7,200	19
Total	77,825	53	Milk Cows (January 1, 2004)			1,700	54

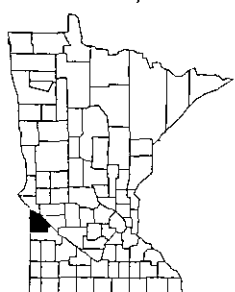
Population data is from the U.S. Census Bureau.

* County estimates not published.

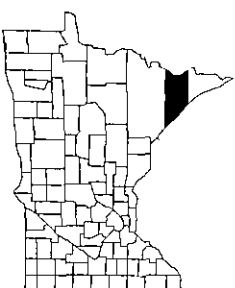
1/ 2002 Census of Agriculture.

KOOCHICHING2000 Population
14,355

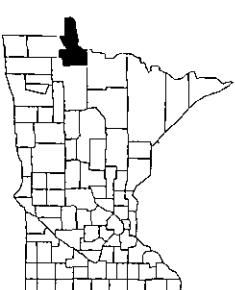
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	243	258	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	88,075	74,318	Soybeans, Bu.	1,600	25.0	40,000	79
Average Farm Size, Acres	362	288	All Wheat, Bu.	1,300	46.0	59,800	42
Total Cropland, Acres	47,722	39,836	Oats, Bu.	1,400	63.0	88,200	57
Average Age of Farmers	51.8	52.4	All Hay, Tons	20,900	1.4	29,100	62
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	1,379	85	Hogs and Pigs (December 1, 2003)			*	*
Livestock	2,438	83	Cattle (January 1, 2004)			5,500	80
Government Payments	(D)	*	Beef Cows (January 1, 2004)			2,800	52
Total	3,817	85	Milk Cows (January 1, 2004)			*	*

LAC QUI PARLE2000 Population
8,067

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	809	910	Corn, Bu.	149,900	123.0	18,437,700	26
Total Land in Farms, Acres	408,033	435,002	Soybeans, Bu.	171,400	28.0	4,799,200	16
Average Farm Size, Acres	504	478	All Wheat, Bu.	14,400	55.7	802,200	20
Total Cropland, Acres	369,965	390,899	Oats, Bu.	900	81.0	72,900	63
Average Age of Farmers	50.7	52.7	All Hay, Tons	15,200	2.6	39,200	49
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	78,189	20	Hogs and Pigs (December 1, 2003)			89,000	28
Livestock	34,963	45	Cattle (January 1, 2004)			18,000	52
Government Payments	5,747	19	Beef Cows (January 1, 2004)			4,700	30
Total	118,899	33	Milk Cows (January 1, 2004)			1,200	62

LAKE2000 Population
11,058

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	45	46	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	4,906	4,807	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	109	105	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	2,007	2,282	Oats, Bu.	*	*	*	*
Average Age of Farmers	55.8	57.3	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	283	86	Hogs and Pigs (December 1, 2003)			*	*
Livestock	68	86	Cattle (January 1, 2004)			*	*
Government Payments	(D)	*	Beef Cows (January 1, 2004)			*	*
Total	351	86	Milk Cows (January 1, 2004)			*	*

LAKE OF THE WOODS2000 Population
4,522

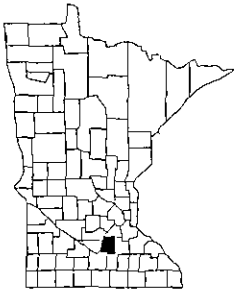
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	237	266	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	158,907	152,491	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	670	573	All Wheat, Bu.	17,200	49.4	850,500	18
Total Cropland, Acres	103,403	103,478	Oats, Bu.	2,500	65.0	162,500	35
Average Age of Farmers	52.8	55.1	All Hay, Tons	14,500	1.5	21,700	68
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	4,431	80	Hogs and Pigs (December 1, 2003)			*	*
Livestock	1,169	84	Cattle (January 1, 2004)			5,000	81
Government Payments	695	75	Beef Cows (January 1, 2004)			2,000	61
Total	6,295	83	Milk Cows (January 1, 2004)			*	*

Population data is from the U.S. Census Bureau.

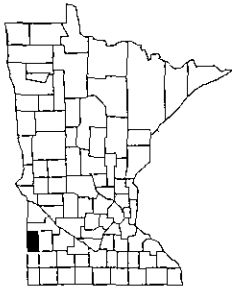
* County estimates not published.

1/ 2002 Census of Agriculture.

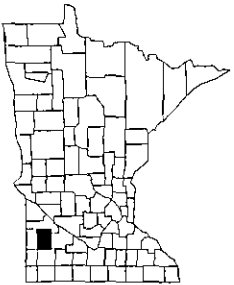
(D) Withheld to avoid disclosing data for individual farms.

LE SUEUR2000 Population
25,426

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	934	974	Corn, Bu.	87,000	158.0	13,746,000	35
Total Land in Farms, Acres	217,338	238,076	Soybeans, Bu.	82,300	33.0	2,715,900	40
Average Farm Size, Acres	233	244	All Wheat, Bu.	2,100	50.7	106,500	37
Total Cropland, Acres	183,790	203,717	Oats, Bu.	1,000	80.0	80,000	62
Average Age of Farmers	52.1	55.1	All Hay, Tons	8,400	3.4	28,500	63
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	45,425	48	Hogs and Pigs (December 1, 2003)		78,000		31
Livestock	42,781	41	Cattle (January 1, 2004)		18,000		52
Government Payments	3,955	46	Beef Cows (January 1, 2004)		2,200		58
Total	92,161	48	Milk Cows (January 1, 2004)		3,700		36

LINCOLN2000 Population
6,429

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	755	761	Corn, Bu.	86,000	142.0	12,212,000	40
Total Land in Farms, Acres	275,950	271,345	Soybeans, Bu.	94,400	31.0	2,926,400	37
Average Farm Size, Acres	365	357	All Wheat, Bu.	11,800	64.0	755,200	21
Total Cropland, Acres	238,939	238,738	Oats, Bu.	2,800	89.0	249,200	23
Average Age of Farmers	52.7	55.1	All Hay, Tons	17,300	3.4	58,400	31
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	37,114	54	Hogs and Pigs (December 1, 2003)		87,000		30
Livestock	36,225	44	Cattle (January 1, 2004)		28,000		27
Government Payments	4,675	34	Beef Cows (January 1, 2004)		5,000		28
Total	78,014	52	Milk Cows (January 1, 2004)		2,700		39

LYON2000 Population
25,425

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	949	949	Corn, Bu.	170,300	140.0	23,842,000	12
Total Land in Farms, Acres	400,808	404,004	Soybeans, Bu.	168,100	33.0	5,547,300	12
Average Farm Size, Acres	422	426	All Wheat, Bu.	3,600	62.0	223,200	28
Total Cropland, Acres	363,205	366,997	Oats, Bu.	1,800	87.0	156,600	38
Average Age of Farmers	49.7	52.1	All Hay, Tons	11,300	3.9	44,000	44
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	75,284	23	Hogs and Pigs (December 1, 2003)		160,000		17
Livestock	81,800	16	Cattle (January 1, 2004)		48,000		12
Government Payments	5,225	24	Beef Cows (January 1, 2004)		4,100		35
Total	162,309	19	Milk Cows (January 1, 2004)		1,300		60

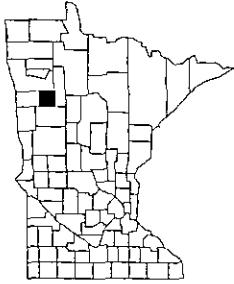
MCLEOD2000 Population
34,898

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,055	987	Corn, Bu.	101,300	153.0	15,498,900	31
Total Land in Farms, Acres	256,398	262,724	Soybeans, Bu.	93,300	27.0	2,519,100	42
Average Farm Size, Acres	243	266	All Wheat, Bu.	3,900	53.9	210,400	30
Total Cropland, Acres	227,302	235,243	Oats, Bu.	2,100	71.0	149,100	41
Average Age of Farmers	51.4	52.8	All Hay, Tons	14,200	3.7	52,300	36
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	51,751	44	Hogs and Pigs (December 1, 2003)		10,000		53
Livestock	29,340	47	Cattle (January 1, 2004)		32,000		22
Government Payments	3,781	49	Beef Cows (January 1, 2004)		1,900		66
Total	84,872	50	Milk Cows (January 1, 2004)		8,900		13

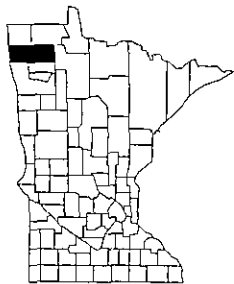
Population data is from the U.S. Census Bureau.

* County estimates not published.

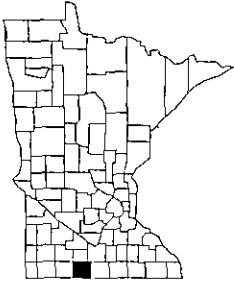
1/ 2002 Census of Agriculture.

MAHNOMEN2000 Population
5,190

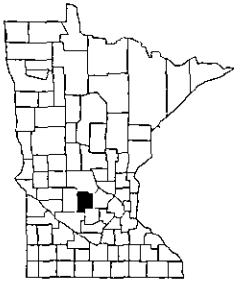
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	383	363	Corn, Bu.	14,000	116.0	1,624,000	63
Total Land in Farms, Acres	219,476	194,854	Soybeans, Bu.	55,300	28.0	1,548,400	54
Average Farm Size, Acres	573	537	All Wheat, Bu.	29,900	53.8	1,607,400	15
Total Cropland, Acres	176,769	156,194	Oats, Bu.	2,200	81.0	178,200	32
Average Age of Farmers	50.7	54.6	All Hay, Tons	18,800	2.3	43,000	45
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	17,324	68	Hogs and Pigs (December 1, 2003)			*	*
Livestock	6,651	73	Cattle (January 1, 2004)			10,000	68
Government Payments	2,575	61	Beef Cows (January 1, 2004)			3,000	47
Total	26,550	70	Milk Cows (January 1, 2004)			1,700	54

MARSHALL2000 Population
10,155

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,307	1,409	Corn, Bu.	4,500	112.0	504,000	70
Total Land in Farms, Acres	921,143	934,932	Soybeans, Bu.	165,700	27.0	4,473,900	20
Average Farm Size, Acres	705	664	All Wheat, Bu.	219,400	62.0	13,594,700	2
Total Cropland, Acres	817,168	810,677	Oats, Bu.	6,600	77.0	508,200	8
Average Age of Farmers	52.0	53.7	All Hay, Tons	33,300	2.0	66,700	26
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	98,198	9	Hogs and Pigs (December 1, 2003)			*	*
Livestock	9,262	66	Cattle (January 1, 2004)			15,500	55
Government Payments	15,538	2	Beef Cows (January 1, 2004)			5,900	23
Total	122,998	32	Milk Cows (January 1, 2004)			600	76

MARTIN2000 Population
21,802

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	998	954	Corn, Bu.	210,000	170.0	35,700,000	2
Total Land in Farms, Acres	424,254	422,758	Soybeans, Bu.	189,300	36.0	6,814,800	4
Average Farm Size, Acres	425	443	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	401,182	398,447	Oats, Bu.	1,200	79.0	94,800	54
Average Age of Farmers	49.7	52.2	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	102,813	7	Hogs and Pigs (December 1, 2003)			692,000	1
Livestock	145,977	3	Cattle (January 1, 2004)			20,000	45
Government Payments	5,663	20	Beef Cows (January 1, 2004)			1,400	71
Total	254,453	3	Milk Cows (January 1, 2004)			1,200	62

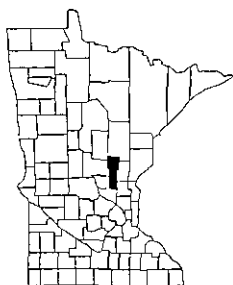
MEEKER2000 Population
22,644

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,079	1,141	Corn, Bu.	102,500	137.0	14,042,500	33
Total Land in Farms, Acres	304,171	340,552	Soybeans, Bu.	115,400	24.0	2,769,600	39
Average Farm Size, Acres	282	298	All Wheat, Bu.	3,700	49.7	183,800	31
Total Cropland, Acres	257,400	286,531	Oats, Bu.	3,100	79.0	244,900	24
Average Age of Farmers	51.0	53.5	All Hay, Tons	15,300	3.1	48,100	37
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	59,210	36	Hogs and Pigs (December 1, 2003)			13,000	49
Livestock	69,860	23	Cattle (January 1, 2004)			28,000	27
Government Payments	5,293	23	Beef Cows (January 1, 2004)			3,000	47
Total	134,363	27	Milk Cows (January 1, 2004)			7,700	17

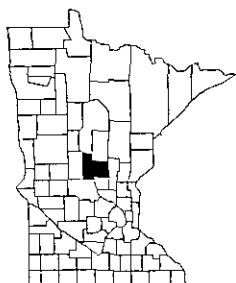
Population data is from the U.S. Census Bureau.

* County estimates not published.

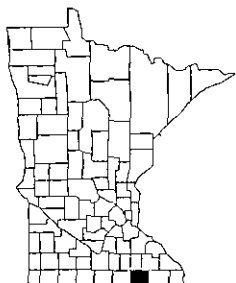
1/ 2002 Census of Agriculture.

MILLE LACS
 2000 Population
 22,330


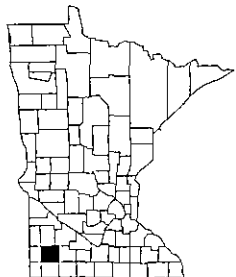
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	799	847	Corn, Bu.	17,500	88.0	1,540,000	64
Total Land in Farms, Acres	149,832	132,369	Soybeans, Bu.	12,700	19.0	241,300	69
Average Farm Size, Acres	188	156	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	91,318	80,596	Oats, Bu.	1,000	49.0	49,000	67
Average Age of Farmers	51.5	52.7	All Hay, Tons	30,800	2.1	65,800	29
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	8,233	74	Hogs and Pigs (December 1, 2003)		2,000		62
Livestock	14,281	56	Cattle (January 1, 2004)		19,000		50
Government Payments	826	74	Beef Cows (January 1, 2004)		4,100		35
Total	23,340	73	Milk Cows (January 1, 2004)		3,900		34

MORRISON
 2000 Population
 31,712


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,958	1,924	Corn, Bu.	66,700	85.0	5,669,500	49
Total Land in Farms, Acres	456,837	452,120	Soybeans, Bu.	22,200	22.0	488,400	65
Average Farm Size, Acres	233	235	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	259,598	261,867	Oats, Bu.	8,800	52.0	457,600	10
Average Age of Farmers	49.6	51.2	All Hay, Tons	78,400	2.3	182,500	5
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	30,080	58	Hogs and Pigs (December 1, 2003)		20,000		44
Livestock	135,613	4	Cattle (January 1, 2004)		89,000		3
Government Payments	4,627	38	Beef Cows (January 1, 2004)		15,600		3
Total	170,320	14	Milk Cows (January 1, 2004)		26,100		2

MOWER
 2000 Population
 38,603


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,166	1,088	Corn, Bu.	164,400	140.0	23,016,000	14
Total Land in Farms, Acres	407,685	412,145	Soybeans, Bu.	175,400	29.0	5,086,600	14
Average Farm Size, Acres	350	379	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	378,741	382,759	Oats, Bu.	2,300	69.0	158,700	37
Average Age of Farmers	50.1	51.4	All Hay, Tons	12,000	2.9	34,700	54
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	105,467	6	Hogs and Pigs (December 1, 2003)		225,000		8
Livestock	73,214	19	Cattle (January 1, 2004)		25,500		37
Government Payments	6,693	10	Beef Cows (January 1, 2004)		3,300		44
Total	185,374	10	Milk Cows (January 1, 2004)		5,100		27

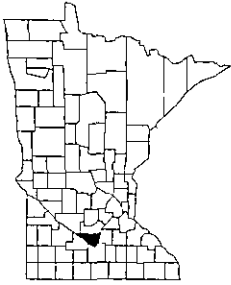
MURRAY
 2000 Population
 9,165


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	849	911	Corn, Bu.	164,500	144.0	23,688,000	13
Total Land in Farms, Acres	387,758	407,488	Soybeans, Bu.	169,900	35.0	5,946,500	8
Average Farm Size, Acres	457	447	All Wheat, Bu.	900	55.0	49,500	46
Total Cropland, Acres	356,086	375,648	Oats, Bu.	4,700	91.0	427,700	12
Average Age of Farmers	49.1	51.7	All Hay, Tons	14,500	3.7	53,700	34
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	75,512	22	Hogs and Pigs (December 1, 2003)		127,000		20
Livestock	63,294	27	Cattle (January 1, 2004)		39,000		17
Government Payments	5,553	21	Beef Cows (January 1, 2004)		4,700		29
Total	144,359	25	Milk Cows (January 1, 2004)		4,300		32

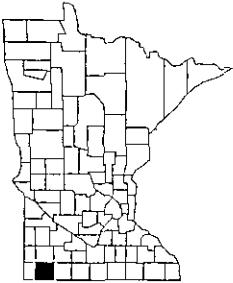
Population data is from the U.S. Census Bureau.

* County estimates not published.

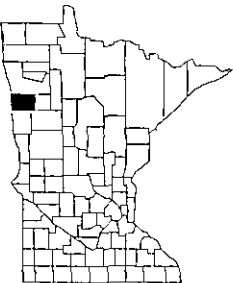
1/ 2002 Census of Agriculture.

NICOLLET2000 Population
29,771

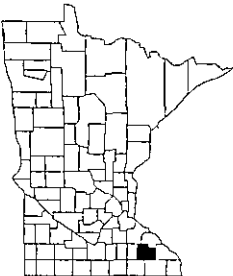
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	741	730	Corn, Bu.	111,200	172.0	19,126,400	25
Total Land in Farms, Acres	253,483	257,101	Soybeans, Bu.	94,400	33.0	3,115,200	35
Average Farm Size, Acres	342	352	All Wheat, Bu.	1,100	52.0	57,200	43
Total Cropland, Acres	236,871	234,069	Oats, Bu.	1,700	84.0	142,800	44
Average Age of Farmers	48.5	51.9	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	57,734	37	Hogs and Pigs (December 1, 2003)			265,000	5
Livestock	90,601	14	Cattle (January 1, 2004)			19,000	50
Government Payments	4,183	42	Beef Cows (January 1, 2004)			800	81
Total	152,518	21	Milk Cows (January 1, 2004)			6,800	20

NOBLES2000 Population
20,832

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,029	1,043	Corn, Bu.	184,500	141.0	26,014,500	8
Total Land in Farms, Acres	393,866	404,307	Soybeans, Bu.	186,600	36.0	6,717,600	5
Average Farm Size, Acres	383	388	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	369,479	374,443	Oats, Bu.	2,600	92.0	239,200	25
Average Age of Farmers	49.3	50.6	All Hay, Tons	13,400	3.3	44,800	42
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	75,043	25	Hogs and Pigs (December 1, 2003)			310,000	3
Livestock	112,515	8	Cattle (January 1, 2004)			46,000	13
Government Payments	5,382	22	Beef Cows (January 1, 2004)			3,300	44
Total	192,940	9	Milk Cows (January 1, 2004)			4,500	31

NORMAN2000 Population
7,442

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	726	660	Corn, Bu.	26,700	126.0	3,364,200	55
Total Land in Farms, Acres	530,516	527,283	Soybeans, Bu.	163,400	29.0	4,738,600	17
Average Farm Size, Acres	731	799	All Wheat, Bu.	152,700	57.0	8,699,400	5
Total Cropland, Acres	475,031	478,248	Oats, Bu.	1,900	79.0	150,100	40
Average Age of Farmers	50.6	53.8	All Hay, Tons	14,000	2.7	37,400	51
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	75,203	24	Hogs and Pigs (December 1, 2003)			3,000	61
Livestock	15,519	54	Cattle (January 1, 2004)			9,500	70
Government Payments	6,453	13	Beef Cows (January 1, 2004)			2,400	54
Total	97,175	46	Milk Cows (January 1, 2004)			2,000	48

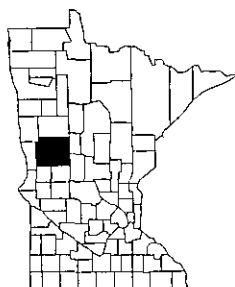
OLMSTED2000 Population
124,277

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,399	1,395	Corn, Bu.	102,300	152.0	15,549,600	30
Total Land in Farms, Acres	303,388	313,020	Soybeans, Bu.	74,500	33.0	2,458,500	44
Average Farm Size, Acres	217	224	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	241,720	255,083	Oats, Bu.	4,900	67.0	328,300	16
Average Age of Farmers	53.0	53.5	All Hay, Tons	27,500	3.4	93,800	15
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	57,517	38	Hogs and Pigs (December 1, 2003)			46,000	32
Livestock	46,646	39	Cattle (January 1, 2004)			50,500	11
Government Payments	5,100	26	Beef Cows (January 1, 2004)			9,400	11
Total	109,263	38	Milk Cows (January 1, 2004)			8,900	13

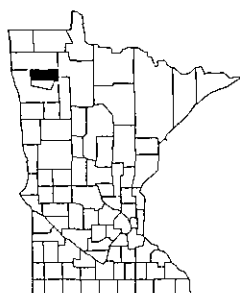
Population data is from the U.S. Census Bureau.

* County estimates not published.

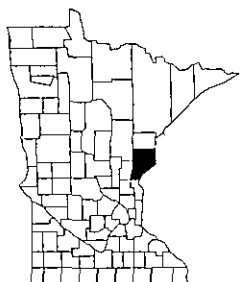
1/ 2002 Census of Agriculture.

OTTER TAIL
 2000 Population
 57,159


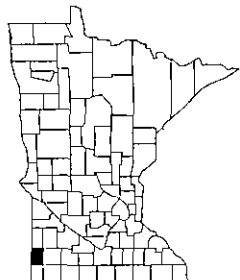
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	2,899	3,013	Corn, Bu.	130,500	132.0	17,226,000	28
Total Land in Farms, Acres	910,179	880,525	Soybeans, Bu.	140,800	29.0	4,083,200	25
Average Farm Size, Acres	314	292	All Wheat, Bu.	59,800	54.0	3,226,800	9
Total Cropland, Acres	640,670	614,307	Oats, Bu.	20,900	63.0	1,316,700	2
Average Age of Farmers	52.4	54.0	All Hay, Tons	109,100	2.9	315,200	2
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	89,965	12	Hogs and Pigs (December 1, 2003)			23,000	40
Livestock	130,339	5	Cattle (January 1, 2004)			98,000	2
Government Payments	9,899	4	Beef Cows (January 1, 2004)			17,000	2
Total	230,203	5	Milk Cows (January 1, 2004)			24,200	4

PENNINGTON
 2000 Population
 13,584


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	602	610	Corn, Bu.	1,100	107.0	117,700	77
Total Land in Farms, Acres	378,589	331,574	Soybeans, Bu.	84,300	26.0	2,191,800	48
Average Farm Size, Acres	629	544	All Wheat, Bu.	64,400	55.6	3,581,700	8
Total Cropland, Acres	322,239	273,726	Oats, Bu.	4,800	69.0	331,200	15
Average Age of Farmers	53.2	55.4	All Hay, Tons	28,600	2.6	73,200	21
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	21,790	63	Hogs and Pigs (December 1, 2003)			*	*
Livestock	2,639	82	Cattle (January 1, 2004)			9,000	73
Government Payments	4,793	31	Beef Cows (January 1, 2004)			3,900	41
Total	29,222	68	Milk Cows (January 1, 2004)			500	78

PINE
 2000 Population
 26,530


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,089	1,199	Corn, Bu.	11,900	92.0	1,094,800	67
Total Land in Farms, Acres	279,296	254,858	Soybeans, Bu.	10,400	22.0	228,800	70
Average Farm Size, Acres	256	213	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	141,101	130,846	Oats, Bu.	1,800	48.0	86,400	59
Average Age of Farmers	52.4	53.8	All Hay, Tons	60,200	1.8	108,300	11
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	12,706	72	Hogs and Pigs (December 1, 2003)			*	*
Livestock	21,685	52	Cattle (January 1, 2004)			32,000	22
Government Payments	1,079	66	Beef Cows (January 1, 2004)			9,700	9
Total	35,470	66	Milk Cows (January 1, 2004)			5,900	25

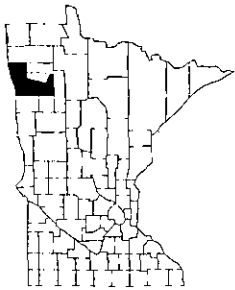
PIPESTONE
 2000 Population
 9,895


Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	696	703	Corn, Bu.	90,200	141.0	12,718,200	36
Total Land in Farms, Acres	239,922	249,432	Soybeans, Bu.	98,900	35.0	3,461,500	30
Average Farm Size, Acres	345	355	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	210,101	213,623	Oats, Bu.	2,700	87.0	234,900	26
Average Age of Farmers	47.5	50.9	All Hay, Tons	13,900	3.4	47,400	38
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	37,041	55	Hogs and Pigs (December 1, 2003)			210,000	11
Livestock	68,784	25	Cattle (January 1, 2004)			35,500	19
Government Payments	3,133	57	Beef Cows (January 1, 2004)			8,100	13
Total	108,958	39	Milk Cows (January 1, 2004)			4,700	28

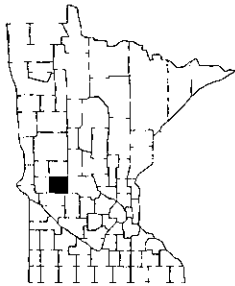
Population data is from the U.S. Census Bureau.

* County estimates not published.

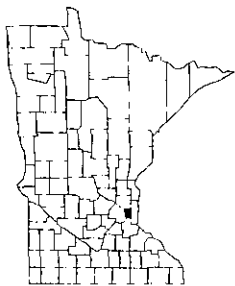
1/ 2002 Census of Agriculture.

POLK2000 Population
31,369

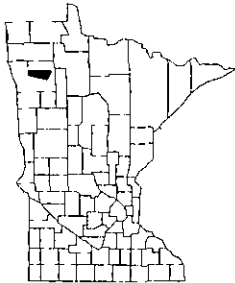
Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	1,501	1,518	Corn, Bu.	21,200	107.0		2,268,400	59
Total Land in Farms, Acres	1,180,478	1,111,199	Soybeans, Bu.	277,700	29.0		8,053,300	1
Average Farm Size, Acres	786	732	All Wheat, Bu.	291,400	59.9		17,453,600	1
Total Cropland, Acres	1,043,671	985,737	Oats, Bu.	4,200	73.0		306,600	18
Average Age of Farmers	50.6	53.7	All Hay, Tons	36,200	2.3		83,800	17
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	183,319	2	Hogs and Pigs (December 1, 2003)				9,500	54
Livestock	13,870	57	Cattle (January 1, 2004)				22,000	43
Government Payments	16,559	1	Beef Cows (January 1, 2004)				7,700	16
Total	213,748	8	Milk Cows (January 1, 2004)				2,500	43

POPE2000 Population
11,236

Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	880	924	Corn, Bu.	89,900	140.0		12,586,000	38
Total Land in Farms, Acres	345,689	350,160	Soybeans, Bu.	86,800	29.0		2,517,200	43
Average Farm Size, Acres	393	379	All Wheat, Bu.	9,700	49.0		475,300	22
Total Cropland, Acres	285,524	290,302	Oats, Bu.	4,100	71.0		291,100	21
Average Age of Farmers	51.7	53.1	All Hay, Tons	23,100	3.4		78,000	20
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	52,051	43	Hogs and Pigs (December 1, 2003)				43,000	33
Livestock	38,534	42	Cattle (January 1, 2004)				35,500	19
Government Payments	5,116	25	Beef Cows (January 1, 2004)				5,500	26
Total	95,701	47	Milk Cows (January 1, 2004)				6,400	23

RAMSEY2000 Population
511,035

Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	64	36	Corn, Bu.	*	*		*	*
Total Land in Farms, Acres	(D)	1,050	Soybeans, Bu.	*	*		*	*
Average Farm Size, Acres	(D)	29	All Wheat, Bu.	*	*		*	*
Total Cropland, Acres	2,803	324	Oats, Bu.	*	*		*	*
Average Age of Farmers	57.2	56.4	All Hay, Tons	*	*		*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	3,505	82	Hogs and Pigs (December 1, 2003)				*	*
Livestock	900	85	Cattle (January 1, 2004)				*	*
Government Payments	*	*	Beef Cows (January 1, 2004)				*	*
Total	4,405	84	Milk Cows (January 1, 2004)				*	*

RED LAKE2000 Population
4,299

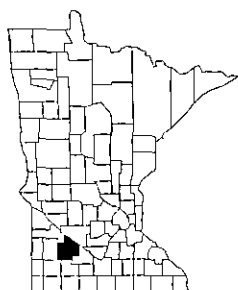
Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	424	378	Corn, Bu.	3,500	108.0		378,000	73
Total Land in Farms, Acres	237,605	226,944	Soybeans, Bu.	67,300	27.0		1,817,100	51
Average Farm Size, Acres	560	600	All Wheat, Bu.	52,000	57.4		2,984,500	11
Total Cropland, Acres	200,450	190,901	Oats, Bu.	1,900	78.0		148,200	42
Average Age of Farmers	52.4	53.8	All Hay, Tons	15,900	2.8		44,300	43
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	17,670	67	Hogs and Pigs (December 1, 2003)				*	*
Livestock	5,447	77	Cattle (January 1, 2004)				11,000	67
Government Payments	3,322	55	Beef Cows (January 1, 2004)				4,500	31
Total	26,439	71	Milk Cows (January 1, 2004)				1,000	66

Population data is from the U.S. Census Bureau.

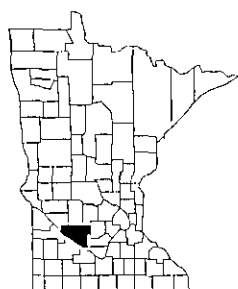
* County estimates not published.

1/ 2002 Census of Agriculture.

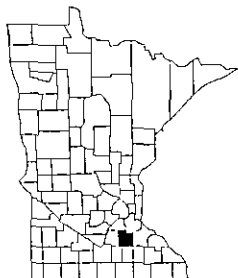
(D) Withheld to avoid disclosing data for individual farms.

REDWOOD2000 Population
16,815

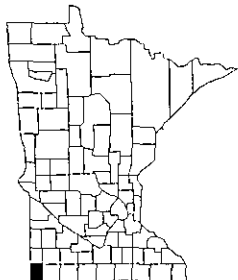
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,163	1,198	Corn, Bu.	226,700	152.0	34,458,400	3
Total Land in Farms, Acres	503,690	545,248	Soybeans, Bu.	216,300	33.0	7,137,900	2
Average Farm Size, Acres	433	455	All Wheat, Bu.	2,800	59.0	165,200	33
Total Cropland, Acres	468,692	510,061	Oats, Bu.	1,300	85.0	110,500	49
Average Age of Farmers	48.6	51.1	All Hay, Tons	8,900	3.5	31,100	60
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	122,004	3	Hogs and Pigs (December 1, 2003)			186,000	14
Livestock	98,486	9	Cattle (January 1, 2004)			42,000	14
Government Payments	6,971	8	Beef Cows (January 1, 2004)			3,800	42
Total	227,461	6	Milk Cows (January 1, 2004)			1,700	54

RENNVILLE2000 Population
17,154

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,124	1,164	Corn, Bu.	237,800	155.0	36,859,000	1
Total Land in Farms, Acres	603,911	664,056	Soybeans, Bu.	221,700	32.0	7,094,400	3
Average Farm Size, Acres	537	570	All Wheat, Bu.	5,600	58.8	329,100	25
Total Cropland, Acres	567,812	628,289	Oats, Bu.	1,000	85.0	85,000	60
Average Age of Farmers	49.1	51.6	All Hay, Tons	7,600	4.0	30,700	61
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	203,689	1	Hogs and Pigs (December 1, 2003)			242,000	6
Livestock	113,324	6	Cattle (January 1, 2004)			24,000	40
Government Payments	7,214	7	Beef Cows (January 1, 2004)			1,300	74
Total	324,227	2	Milk Cows (January 1, 2004)			2,600	41

RICE2000 Population
56,665

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,290	1,296	Corn, Bu.	73,100	155.0	11,330,500	42
Total Land in Farms, Acres	256,572	248,818	Soybeans, Bu.	66,600	31.0	2,064,600	49
Average Farm Size, Acres	199	192	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	209,597	205,615	Oats, Bu.	2,300	73.0	167,900	34
Average Age of Farmers	50.9	53.2	All Hay, Tons	14,600	3.2	46,300	40
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	45,347	49	Hogs and Pigs (December 1, 2003)			97,000	25
Livestock	53,979	32	Cattle (January 1, 2004)			28,000	27
Government Payments	4,157	43	Beef Cows (January 1, 2004)			2,800	51
Total	103,483	41	Milk Cows (January 1, 2004)			8,600	15

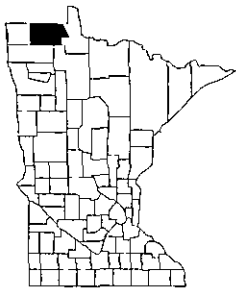
ROCK2000 Population
9,721

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	708	721	Corn, Bu.	119,800	146.0	17,490,800	27
Total Land in Farms, Acres	278,544	299,090	Soybeans, Bu.	119,600	38.0	4,544,800	18
Average Farm Size, Acres	393	415	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	257,998	268,581	Oats, Bu.	2,100	92.0	193,200	31
Average Age of Farmers	47.5	50.2	All Hay, Tons	12,600	3.2	40,200	48
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	54,750	42	Hogs and Pigs (December 1, 2003)			216,000	10
Livestock	97,666	10	Cattle (January 1, 2004)			53,500	10
Government Payments	3,789	48	Beef Cows (January 1, 2004)			6,900	20
Total	156,205	20	Milk Cows (January 1, 2004)			2,700	39

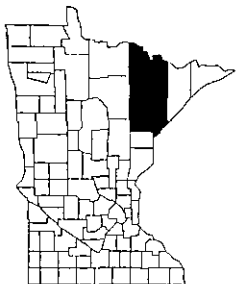
Population data is from the U.S. Census Bureau.

* County estimates not published.

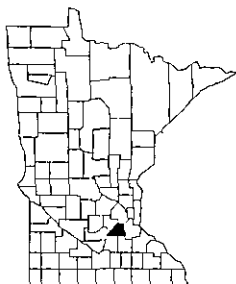
1/ 2002 Census of Agriculture.

ROSEAU2000 Population
16,338

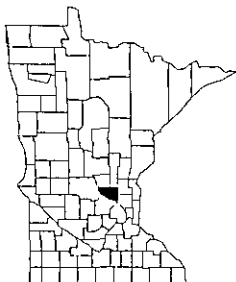
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,215	1,238	Corn, Bu.	3,500	115.0	402,500	71
Total Land in Farms, Acres	711,732	702,918	Soybeans, Bu.	38,900	29.0	1,128,100	57
Average Farm Size, Acres	586	568	All Wheat, Bu.	124,200	57.1	7,095,600	7
Total Cropland, Acres	577,347	582,102	Oats, Bu.	13,100	89.0	1,165,900	3
Average Age of Farmers	52.5	54.3	All Hay, Tons	54,600	2.2	121,800	9
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	26,464	60	Hogs and Pigs (December 1, 2003)			*	*
Livestock	18,080	53	Cattle (January 1, 2004)			25,000	38
Government Payments	8,669	5	Beef Cows (January 1, 2004)			8,900	12
Total	53,213	62	Milk Cows (January 1, 2004)			2,300	45

ST. LOUIS2000 Population
200,528

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	861	978	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	187,502	175,076	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	218	179	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	104,043	88,989	Oats, Bu.	1,700	54.0	91,800	55
Average Age of Farmers	52.4	53.8	All Hay, Tons	61,100	1.3	81,200	19
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	5,864	77	Hogs and Pigs (December 1, 2003)			*	*
Livestock	5,294	79	Cattle (January 1, 2004)			13,500	60
Government Payments	223	80	Beef Cows (January 1, 2004)			5,700	24
Total	11,381	80	Milk Cows (January 1, 2004)			1,000	66

SCOTT2000 Population
89,498

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	896	1,004	Corn, Bu.	38,100	147.0	5,600,700	50
Total Land in Farms, Acres	120,442	130,889	Soybeans, Bu.	35,900	30.0	1,077,000	59
Average Farm Size, Acres	134	130	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	100,732	108,912	Oats, Bu.	2,200	67.0	147,400	43
Average Age of Farmers	49.1	51.4	All Hay, Tons	16,500	2.5	40,900	46
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	27,898	59	Hogs and Pigs (December 1, 2003)			*	*
Livestock	25,612	50	Cattle (January 1, 2004)			21,000	44
Government Payments	1,635	63	Beef Cows (January 1, 2004)			1,600	69
Total	55,145	61	Milk Cows (January 1, 2004)			5,800	26

SHERBURNE2000 Population
64,417

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	588	677	Corn, Bu.	24,700	128.0	3,161,600	56
Total Land in Farms, Acres	113,104	125,798	Soybeans, Bu.	18,400	24.0	441,600	67
Average Farm Size, Acres	192	186	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	81,407	97,461	Oats, Bu.	500	50.0	25,000	72
Average Age of Farmers	52.0	54.2	All Hay, Tons	9,800	1.7	16,400	75
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	37,812	52	Hogs and Pigs (December 1, 2003)			6,500	56
Livestock	10,726	62	Cattle (January 1, 2004)			10,000	68
Government Payments	1,143	65	Beef Cows (January 1, 2004)			1,400	71
Total	49,681	64	Milk Cows (January 1, 2004)			900	69

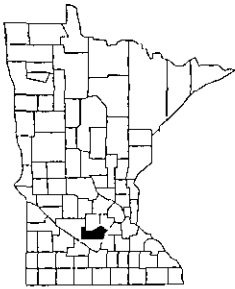
Population data is from the U.S. Census Bureau.

* County estimates not published.

1/ 2002 Census of Agriculture.

SIBLEY

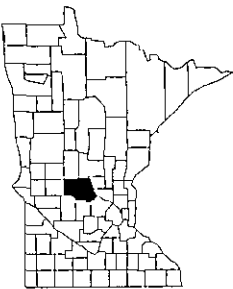
2000 Population
15,356



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	987	963	Corn, Bu.	126,200	159.0	20,065,800	20
Total Land in Farms, Acres	316,722	339,445	Soybeans, Bu.	118,600	29.0	3,439,400	31
Average Farm Size, Acres	321	352	All Wheat, Bu.	3,100	49.2	152,600	34
Total Cropland, Acres	287,986	310,278	Oats, Bu.	1,400	76.0	106,400	50
Average Age of Farmers	48.7	51.0	All Hay, Tons	10,800	3.8	40,800	47
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	83,298	16	Hogs and Pigs (December 1, 2003)		97,000		25
Livestock	85,303	15	Cattle (January 1, 2004)		30,000		25
Government Payments	4,769	32	Beef Cows (January 1, 2004)		2,000		61
Total	173,370	11	Milk Cows (January 1, 2004)		7,700		17

STEARNS

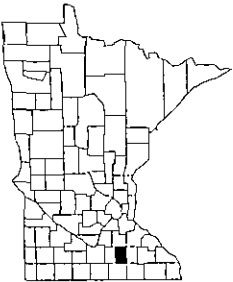
2000 Population
133,166



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	3,135	3,152	Corn, Bu.	162,500	122.0	19,825,000	21
Total Land in Farms, Acres	657,581	681,350	Soybeans, Bu.	98,200	25.0	2,455,000	45
Average Farm Size, Acres	210	216	All Wheat, Bu.	4,200	52.0	218,400	29
Total Cropland, Acres	496,489	530,583	Oats, Bu.	23,600	69.0	1,628,400	1
Average Age of Farmers	49.8	50.8	All Hay, Tons	107,400	3.1	334,000	1
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	69,449	29	Hogs and Pigs (December 1, 2003)			91,000	27
Livestock	274,211	1	Cattle (January 1, 2004)			190,000	1
Government Payments	12,085	3	Beef Cows (January 1, 2004)			10,300	7
Total	355,745	1	Milk Cows (January 1, 2004)			62,000	1

STEELE

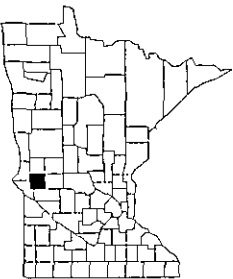
2000 Population
33,680



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	803	899	Corn, Bu.	98,800	155.0	15,314,000	32
Total Land in Farms, Acres	235,872	281,847	Soybeans, Bu.	90,000	30.0	2,700,000	41
Average Farm Size, Acres	294	314	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	218,399	257,583	Oats, Bu.	1,700	79.0	134,300	45
Average Age of Farmers	49.7	52.5	All Hay, Tons	9,600	3.3	32,000	59
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	80,270	19	Hogs and Pigs (December 1, 2003)			100,000	24
Livestock	47,682	37	Cattle (January 1, 2004)			20,000	45
Government Payments	4,801	30	Beef Cows (January 1, 2004)			1,300	74
Total	132,753	28	Milk Cows (January 1, 2004)			4,700	28

STEVENS

2000 Population
10,053



Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	524	556	Corn, Bu.	135,800	154.0	20,913,200	18
Total Land in Farms, Acres	315,360	313,292	Soybeans, Bu.	135,400	33.0	4,468,200	21
Average Farm Size, Acres	602	563	All Wheat, Bu.	20,500	58.0	1,189,000	16
Total Cropland, Acres	298,659	291,178	Oats, Bu.	*	*	*	*
Average Age of Farmers	50.6	51.9	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	65,116	31	Hogs and Pigs (December 1, 2003)			139,000	18
Livestock	55,093	30	Cattle (January 1, 2004)			25,000	38
Government Payments	4,055	45	Beef Cows (January 1, 2004)			2,300	56
Total	124,264	31	Milk Cows (January 1, 2004)			2,900	38

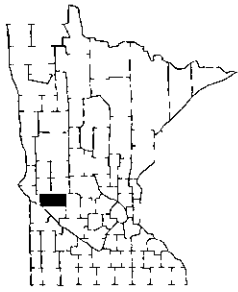
Population data is from the U.S. Census Bureau.

* County estimates not published.

1/ 2002 Census of Agriculture.

SWIFT

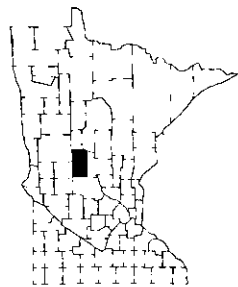
2000 Population
11,956



Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	774	807	Corn, Bu.	151,300		143.0	21,635,900	16
Total Land in Farms, Acres	409,202	415,844	Soybeans, Bu.	150,800		30.0	4,524,000	19
Average Farm Size, Acres	529	515	All Wheat, Bu.	8,100		55.0	445,500	23
Total Cropland, Acres	371,138	377,307	Oats, Bu.	2,600		78.0	202,800	29
Average Age of Farmers	50.5	53.7	All Hay, Tons	10,300		3.4	34,800	53
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	87,385	14	Hogs and Pigs (December 1, 2003)				23,000	40
Livestock	70,333	22	Cattle (January 1, 2004)				19,500	48
Government Payments	6,247	14	Beef Cows (January 1, 2004)				2,600	53
Total	163,965	17	Milk Cows (January 1, 2004)				4,200	33

TODD

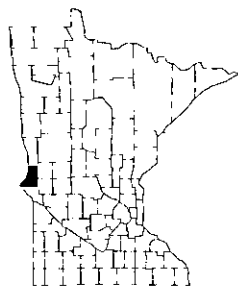
2000 Population
24,426



Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	1,901	1,825	Corn, Bu.	49,300		101.0	4,979,300	53
Total Land in Farms, Acres	406,162	370,272	Soybeans, Bu.	39,500		21.0	829,500	61
Average Farm Size, Acres	214	203	All Wheat, Bu.	4,100		41.2	169,100	32
Total Cropland, Acres	255,883	232,930	Oats, Bu.	9,800		56.0	548,800	6
Average Age of Farmers	51.0	52.1	All Hay, Tons	65,900		2.3	152,300	6
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	25,709	61	Hogs and Pigs (December 1, 2003)				11,500	51
Livestock	70,367	21	Cattle (January 1, 2004)				65,000	7
Government Payments	3,385	54	Beef Cows (January 1, 2004)				13,500	4
Total	99,461	44	Milk Cows (January 1, 2004)				17,800	6

TRAVERSE

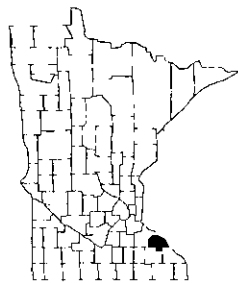
2000 Population
4,134



Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	410	452	Corn, Bu.	108,000		128.0	13,824,000	34
Total Land in Farms, Acres	344,484	343,999	Soybeans, Bu.	137,800		30.0	4,134,000	23
Average Farm Size, Acres	840	761	All Wheat, Bu.	40,600		58.0	2,354,800	12
Total Cropland, Acres	328,851	324,648	Oats, Bu.	*		*	*	*
Average Age of Farmers	49.6	53.2	All Hay, Tons	*		*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	72,947	27	Hogs and Pigs (December 1, 2003)				10,500	52
Livestock	7,288	70	Cattle (January 1, 2004)				6,000	79
Government Payments	3,598	52	Beef Cows (January 1, 2004)				1,200	78
Total	83,833	51	Milk Cows (January 1, 2004)				*	*

WABASHA

2000 Population
21,610

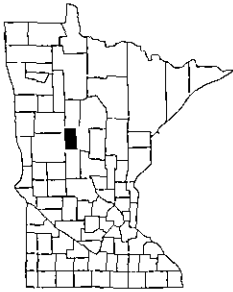


Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Yield	Production	Rank
				Harvested				
Number of Farms	1,003	999	Corn, Bu.	78,900		157.0	12,387,300	39
Total Land in Farms, Acres	256,970	267,058	Soybeans, Bu.	40,900		34.0	1,390,600	55
Average Farm Size, Acres	256	267	All Wheat, Bu.	*		*	*	*
Total Cropland, Acres	184,027	193,204	Oats, Bu.	9,500		74.0	703,000	5
Average Age of Farmers	50.0	52.0	All Hay, Tons	38,200		3.6	136,100	7
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock				Number	Rank
Crops	37,773	53	Hogs and Pigs (December 1, 2003)				22,000	42
Livestock	57,925	29	Cattle (January 1, 2004)				62,500	8
Government Payments	4,537	40	Beef Cows (January 1, 2004)				8,000	14
Total	100,235	43	Milk Cows (January 1, 2004)				17,200	7

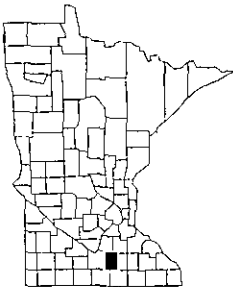
Population data is from the U.S. Census Bureau.

* County estimates not published.

1/ 2002 Census of Agriculture.

WADENA
 2000 Population
 13,713


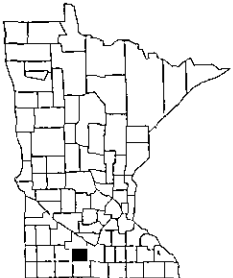
Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Production	Rank
				Harvested	Yield		
Number of Farms	694	734	Corn, Bu.	17,600	105.0	1,848,000	61
Total Land in Farms, Acres	188,331	165,519	Soybeans, Bu.	5,900	26.0	153,400	73
Average Farm Size, Acres	271	226	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	105,566	96,303	Oats, Bu.	4,400	59.0	259,600	22
Average Age of Farmers	52.6	52.7	All Hay, Tons	32,100	1.6	52,600	35
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	13,172	71	Hogs and Pigs (December 1, 2003)		*		*
Livestock	26,137	49	Cattle (January 1, 2004)		20,000		45
Government Payments	980	68	Beef Cows (January 1, 2004)		5,300		27
Total	40,289	65	Milk Cows (January 1, 2004)		4,700		28

WASECA
 2000 Population
 19,526


Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Production	Rank
				Harvested	Yield		
Number of Farms	735	759	Corn, Bu.	114,900	169.0	19,413,100	24
Total Land in Farms, Acres	243,634	231,328	Soybeans, Bu.	97,500	35.0	3,412,500	32
Average Farm Size, Acres	331	305	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	219,006	210,884	Oats, Bu.	*	*	*	*
Average Age of Farmers	49.3	50.2	All Hay, Tons	5,900	3.1	18,200	72
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	56,507	40	Hogs and Pigs (December 1, 2003)		180,000		16
Livestock	54,264	31	Cattle (January 1, 2004)		14,000		58
Government Payments	3,758	50	Beef Cows (January 1, 2004)		1,400		71
Total	114,529	35	Milk Cows (January 1, 2004)		2,600		41

WASHINGTON
 2000 Population
 201,130


Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Production	Rank
				Harvested	Yield		
Number of Farms	739	810	Corn, Bu.	19,800	120.0	2,376,000	58
Total Land in Farms, Acres	92,683	96,089	Soybeans, Bu.	15,100	19.0	286,900	68
Average Farm Size, Acres	125	119	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	69,058	71,990	Oats, Bu.	1,100	50.0	55,000	66
Average Age of Farmers	54.3	55.0	All Hay, Tons	15,800	2.2	34,200	57
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	55,426	41	Hogs and Pigs (December 1, 2003)		*		*
Livestock	6,319	75	Cattle (January 1, 2004)		7,500		78
Government Payments	938	69	Beef Cows (January 1, 2004)		2,000		61
Total	62,683	57	Milk Cows (January 1, 2004)		1,100		65

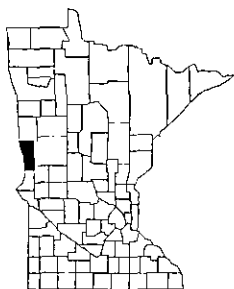
WATONWAN
 2000 Population
 11,876


Farm Demographics 1/	1997	2002	Crops - 2003	Acres		Production	Rank
				Harvested	Yield		
Number of Farms	590	601	Corn, Bu.	118,300	166.0	19,637,800	22
Total Land in Farms, Acres	260,057	271,521	Soybeans, Bu.	110,100	35.0	3,853,500	27
Average Farm Size, Acres	441	452	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	239,733	253,863	Oats, Bu.	*	*	*	*
Average Age of Farmers	50.1	53.6	All Hay, Tons	*	*	*	*
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock		Number		Rank
Crops	65,557	30	Hogs and Pigs (December 1, 2003)		205,000		12
Livestock	61,516	28	Cattle (January 1, 2004)		12,500		63
Government Payments	3,593	53	Beef Cows (January 1, 2004)		500		84
Total	130,666	29	Milk Cows (January 1, 2004)		900		69

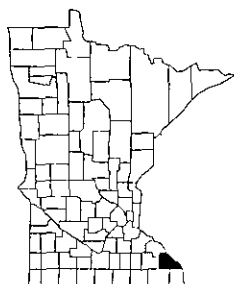
Population data is from the U.S. Census Bureau.

* County estimates not published.

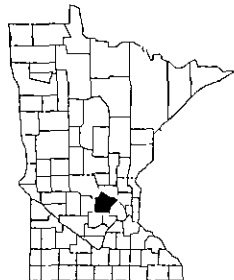
1/ 2002 Census of Agriculture.

WILKIN2000 Population
7,138

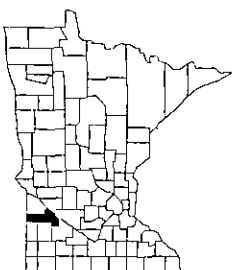
Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	466	414	Corn, Bu.	45,600	119.0	5,426,400	51
Total Land in Farms, Acres	483,592	424,508	Soybeans, Bu.	141,900	29.0	4,115,100	24
Average Farm Size, Acres	1,038	1,025	All Wheat, Bu.	134,200	57.0	7,647,900	6
Total Cropland, Acres	458,450	404,180	Oats, Bu.	*	*	*	*
Average Age of Farmers	50.4	51.2	All Hay, Tons	7,200	2.6	18,400	71
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	98,044	10	Hogs and Pigs (December 1, 2003)			24,000	38
Livestock	8,191	69	Cattle (January 1, 2004)			4,500	83
Government Payments	4,546	39	Beef Cows (January 1, 2004)			1,300	74
Total	110,781	37	Milk Cows (January 1, 2004)			700	74

WINONA2000 Population
49,985

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,103	1,125	Corn, Bu.	66,700	151.0	10,071,700	43
Total Land in Farms, Acres	299,386	310,976	Soybeans, Bu.	32,000	34.0	1,088,000	58
Average Farm Size, Acres	271	276	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	192,848	210,323	Oats, Bu.	6,300	74.0	466,200	9
Average Age of Farmers	51.3	53.2	All Hay, Tons	44,600	4.2	185,200	4
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	31,576	56	Hogs and Pigs (December 1, 2003)			41,000	35
Livestock	93,448	11	Cattle (January 1, 2004)			85,000	4
Government Payments	4,751	33	Beef Cows (January 1, 2004)			7,500	17
Total	129,775	30	Milk Cows (January 1, 2004)			25,500	3

WRIGHT2000 Population
89,986

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	1,541	1,646	Corn, Bu.	61,800	118.0	7,292,400	47
Total Land in Farms, Acres	258,783	265,605	Soybeans, Bu.	77,400	23.0	1,780,200	52
Average Farm Size, Acres	168	161	All Wheat, Bu.	3,000	40.4	121,200	36
Total Cropland, Acres	205,044	213,776	Oats, Bu.	3,200	73.0	233,600	27
Average Age of Farmers	51.3	53.2	All Hay, Tons	29,300	3.0	88,200	16
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	49,948	46	Hogs and Pigs (December 1, 2003)			15,000	47
Livestock	44,226	40	Cattle (January 1, 2004)			41,000	15
Government Payments	3,185	56	Beef Cows (January 1, 2004)			4,100	35
Total	97,359	45	Milk Cows (January 1, 2004)			11,200	11

YELLOW MEDICINE2000 Population
11,080

Farm Demographics 1/	1997	2002	Crops - 2003	Acres Harvested	Yield	Production	Rank
Number of Farms	904	989	Corn, Bu.	175,500	141.0	24,745,500	9
Total Land in Farms, Acres	420,068	447,696	Soybeans, Bu.	177,800	32.0	5,689,600	10
Average Farm Size, Acres	465	453	All Wheat, Bu.	14,100	57.9	816,200	19
Total Cropland, Acres	382,042	407,520	Oats, Bu.	1,200	86.0	103,200	51
Average Age of Farmers	49.3	51.8	All Hay, Tons	11,700	3.3	38,100	50
Cash Receipts - 2002 1/	1,000 Dols.	Rank	Livestock			Number	Rank
Crops	86,631	15	Hogs and Pigs (December 1, 2003)			131,000	19
Livestock	52,218	34	Cattle (January 1, 2004)			27,000	31
Government Payments	5,938	17	Beef Cows (January 1, 2004)			4,300	34
Total	144,787	24	Milk Cows (January 1, 2004)			3,100	37

Population data is from the U.S. Census Bureau.

* County estimates not published.

1/ 2002 Census of Agriculture.

REPORTS AND DATA FROM THE USDA'S NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)

Internet:

Reports and data from NASS as well as from the Minnesota Agricultural Statistics Service (MASS) are available on the Internet. Information is also available on the Internet from the Minnesota Department of Agriculture (MDA).

For access, connect to the Internet and choose from the following:

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Agri-View - A comprehensive farm newsletter covering planting reports, monthly and annual crop production, grain stocks, cattle, hogs, monthly milk output, farm income and expenses, current and outlook information, economic trends, etc.

Weekly Crop-Weather - Issued each Monday during the growing season, this report follows crop progress and condition, and provides weekly temperature and precipitation data.

Minnesota Agricultural Statistics Bulletin - Our annual bulletin, available each summer, containing State and county crop and livestock estimates, farm income data, land values, number of farms, prices, etc.

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