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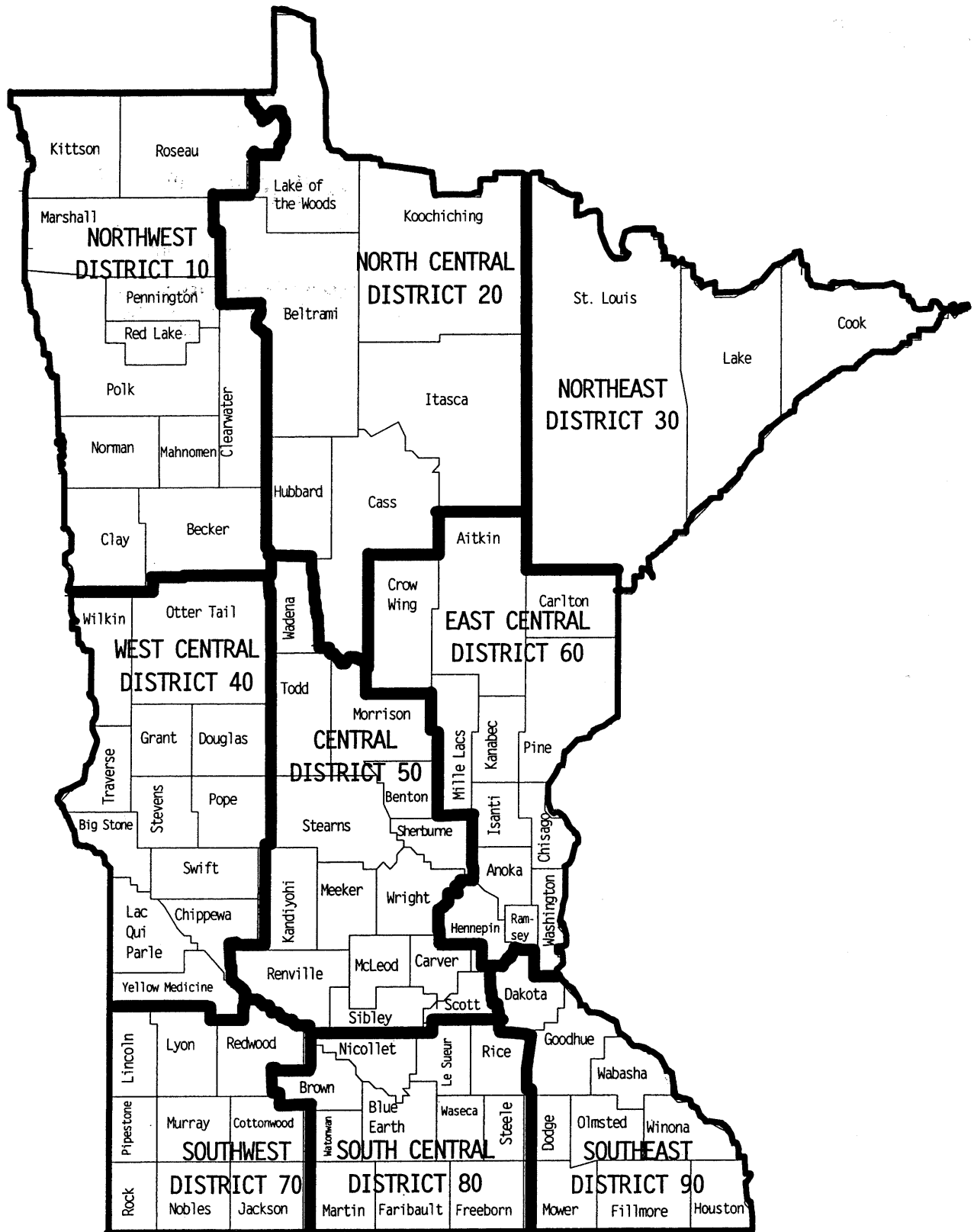
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MINNESOTA AGRICULTURAL STATISTICS

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MINNESOTA'S AGRICULTURAL STATISTICS DISTRICTS



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Minnesota Department of Agriculture
Gene Hugoson, Commissioner

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Foreword

During the last few months, I have heard many people ask what the future holds for Minnesota agriculture. In agricultural meetings I have attended across the state, that question usually surfaces in one form or another.

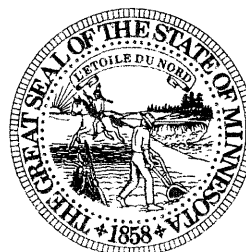
Of course I don't have all the answers. No one does. However, by looking at trends, we can often anticipate the most appropriate responses. That also holds true when it comes to how government should respond to the changes taking place in agriculture.

Publications such as the *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



We are pleased to feature Minnesota's cattle industry on the cover of the 2000 *Minnesota Agricultural Statistics* book. Cattle and calves consistently rank as one of Minnesota's top five commodities in cash receipts from farm marketings, accounting for nearly \$1 billion each year.

We hope this publication will help tell the story of trends in Minnesota agriculture. If you would like more information in a particular area, please let us know. Your ideas will help us improve this important service. You may also visit our web site at www.nass.usda.gov/mn/.



Michael Hunst, State Agricultural Statistician
Minnesota Agricultural Statistics Service

STATE RANKINGS: Minnesota's Rank Among States

Item	1	2	3	4	5	6	7	8	9	10
Cash Receipts, 1998:										
Total	CA	TX	IA	NE	KS	IL	MN	NC	FL	WI
Livestock & Livestock Products	TX	CA	NE	KS	IA	WI	NC	MN	GA	AR
Crops	CA	IA	IL	FL	TX	MN	NE	IN	WA	NC
Crop Production, 1999:										
Corn	IA	IL	NE	MN	IN	KS	WI	OH	SD	MI
Soybeans	IA	IL	MN	IN	NE	OH	MO	SD	AR	KS
All Wheat 1/	KS	ND	MT	OK	WA	TX	SD	CO	ID	NE
Spring Wheat	ND	MT	MN	SD	ID	WA	OR	CO	UT	NV
Oats	WI	MN	ND	SD	IA	PA	OH	MI	TX	NY
Barley	ND	MT	ID	WA	CO	MN	CA	WY	AZ	OR
All Sunflowers	ND	SD	KS	CO	MN	NE	TX			
Dry Edible Beans	ND	MI	NE	CO	CA	MN	ID	WY	WA	TX
All Hay	TX	SD	CA	NE	WI	KS	MO	MN	IA	ND
All Potatoes	ID	WA	WI	CO	OR	ND	MN	ME	CA	MI
Sugarbeets	MN	ND	ID	MI	CA	MT	CO	NE	WY	WA
Flaxseed	ND	SD	MN							
Rye	ND	GA	OK	SD	MN	MI	NC	PA	NY	SC
Sweet Corn for Processing	WA	MN	WI	OR	NY	ID	IL	PA		
Green Peas for Processing	MN	WA	WI	OR	NY					
Cultivated Wild Rice 2/	CA	MN								
Livestock, Dairy, Poultry:										
Red Meat Production, 1999	NE	IA	KS	TX	IL	CO	MN	NC	WI	IN
Cattle/Calves, January 1, 2000 3/	TX	NE	KS	OK	CA	MO	SD	IA	WI	CO
Milk Cows, January 1, 2000	CA	WI	NY	PA	MN	TX	ID	MI	OH	WA
Cattle/Calves Marketed, 1999 4/	TX	NE	KS	OK	CO	CA	IA	SD	MO	MT
Cattle/Calves on Feed, Jan 1, 2000	TX	NE	KS	CO	IA	OK	CA	SD	ID	MN
Hogs, December 1, 1999	IA	NC	MN	IL	IN	MO	NE	OK	OH	KS
Pig Crop, 1999	NC	IA	MN	IL	MO	IN	OK	NE	OH	KS
Hogs Marketed, 1999	IA	NC	MN	IL	MO	IN	NE	OK	OH	KS
All Sheep & Lambs, Jan 1, 2000 3/	TX	CA	WY	CO	SD	UT	MT	NM	ID	IA
Lamb Crop, 1999 5/	TX	WY	MT	UT	SD	CA	ID	CO	IA	NM
All Chickens, December 1, 1999	OH	IA	CA	GA	IN	PA	AR	TX	NC	MN
Eggs Produced, Dec 1998-Nov 1999	OH	IA	CA	PA	IN	GA	TX	AR	MN	NE
Turkeys Raised, 1999	NC	MN	AR	VA	MO	CA	IN	PA	SC	IA
Milk Production, 1999	CA	WI	NY	PA	MN	ID	TX	WA	MI	NM
Dairy Products Manufactured, 1999:										
Total Cheese	WI	CA	NY	MN	ID	PA	IA	MO	WA	SD
American Cheese	WI	MN	CA	ID	IA	WA	NY	SD	OR	UT
Italian Cheese	WI	CA	NY	PA	SD	MN	IL			
Butter	CA	WI	WA	PA	MN	NY	ND			
Ice Cream	CA	TX	IN	PA	MN	OH	NY	FL	NC	WA
Mink Pelts Produced, 1998	WI	UT	MN	OR	ID	WA	IA	SD	OH	PA
Honey Produced, 1999	CA	ND	SD	FL	MN	TX	MT	MI	WI	ID
Agricultural Exports, Fiscal 1999:	CA	IA	IL	TX	NE	KS	MN	WA	AR	IN

1/ Minnesota ranks 11th.

2/ Source: Minnesota Cultivated Wild Rice Council.

3/ Minnesota ranks 12th.

4/ Minnesota ranks 15th.

5/ Minnesota ranks 11th. CO and IA tied for 8th place.

COUNTY RANKINGS: Minnesota's Leading Agricultural Counties

Item	1	2	3	4	5	6	7	8	9	10
1997^{1/} Cash Farm Receipts:										
Total	Stearns	Renville	Martin	Polk	Kandiyohi	Otter Tail	Redwood	Blue Earth	Cottonwood	Brown
Crops	Polk	Renville	Clay	Marshall	Faribault	Martin	Redwood	Chippewa	Mower	Freeborn
Livestock	Stearns	Kandiyohi	Martin	Otter Tail	Morrison	Brown	Fillmore	Goodhue	Blue Earth	Redwood
Government Payments	Polk	Marshall	Stearns	Kittson	Otter Tail	Freeborn	Roseau	Renville	Norman	Martin
1999 Crop Production:										
Corn for Grain	Renville	Redwood	Martin	Faribault	Blue Earth	Nobles	Jackson	Cottonwood	Yellow Med.	Mower
Soybeans	Renville	Redwood	Nobles	Yellow Med.	Martin	Blue Earth	Murray	Jackson	Lyon	Cottonwood
All Wheat	Polk	Wilkin	Kittson	Norman	Clay	Marshall	Grant	Traverse	Otter Tail	Becker
Oats	Stearns	Otter Tail	Todd	Fillmore	Morrison	Winona	Wabasha	Goodhue	Douglas	Olmsted
Barley	Kittson	Polk	Marshall	Norman	Wilkin	Clay	Stearns	Otter Tail	Red Lake	Roseau
Sunflowers	Polk	Clay	Wilkin	Norman	Kittson	Otter Tail	Marshall	Red Lake	Todd	Pennington
Sugarbeets	Polk	Clay	Wilkin	Renville	Norman	Chippewa	Kittson	Marshall	Kandiyohi	Grant
Rye	Morrison	Stearns	Isanti	Sherburne	Todd	Benton	Anoka	Kittson	Marshall	Otter Tail
Flax	Kittson	Marshall	Roseau							
Dry Edible Beans	Polk	Otter Tail	Marshall	Hubbard	Swift	Norman	Renville	Wadena	Grant	Morrison
All Hay	Stearns	Otter Tail	Morrison	Winona	Wabasha	Todd	Goodhue	Fillmore	Houston	Becker
Potatoes 2/	Sherburne	Morrison	Todd	Polk	Freeborn	Clay	Kittson	Marshall	Red Lake	
Green Peas	Renville	Brown	Olmsted	Sibley	Mower	Redwood	Dakota	Goodhue	Dodge	Steele
Sweet Corn	Renville	Brown	Olmsted	Sibley	Faribault	Mower	Redwood	Freeborn	Goodhue	Waseca
Livestock, Dairy & Poultry:										
Cattle & Calves, Jan 1, 2000 3/	Stearns	Otter Tail	Winona	Fillmore	Morrison	Goodhue	Todd	Wabasha	Houston	Olmsted
Beef Cows, Jan 1, 2000 4/	Fillmore	Otter Tail	Morrison	Cass	Beltrami	Clearwater	Houston	Todd	Olmsted	Roseau
Milk Cows, Jan 1, 2000	Stearns	Otter Tail	Morrison	Winona	Goodhue	Todd	Wabasha	Fillmore	Carver	Wright
Milk Prod., 1999	Stearns	Otter Tail	Winona	Morrison	Goodhue	Wabasha	Todd	Fillmore	Wright	Carver
Breeding Sheep & Lambs, Jan 1, 2000 5/	Pipestone	Murray	Lincoln	Otter Tail	Goodhue	Jackson	Cottonwood	Kandiyohi	Fillmore	Todd
Hogs, Dec 1, 1999 6/	Martin	Blue Earth	Nicollet	Renville	Brown	Nobles	Redwood	Rice	Freeborn	Jackson
Pig Crop, 1999	Martin	Blue Earth	Nicollet	Renville	Brown	Pipestone	Faribault	Jackson	Nobles	Rice
Cattle & Calves on Feed, Jan 1, 2000 7/	Nobles	Lyon	Rock	Cottonwood	Redwood	Murray	Stearns	Stevens	Renville	Dakota

1/ 1998 numbers not available at time of publication.

2/ Includes published counties only.

3/ Fillmore and Morrison tied for 4th.4/ Clearwater, Houston and Todd tied for 6th; Olmsted, Roseau and Stearns tied for 9th.5/ Cottonwood and Kandiyohi tied for 7th; Fillmore and Todd tied for 10th.6/ Nicollet and Renville tied for 3rd.7/ Cottonwood and Redwood tied for 4th; Murray, Stearns and Stevens tied for 6th.

FARM NUMBERS

The number of farms in Minnesota in 1999 was estimated at 81,000, 1,000 more than the 80,000 farms in 1998. The increase in farm numbers is attributed to the continued rise in the number of small farms. Land in farms decreased to 28,800,000 acres from 28,900,000 acres in 1998. The average farm size decreased to 356 acres from 361 acres in 1998.

Minnesota commercial farms in the \$100,000 and over sales class dropped 1,000 farms from 1998 to 20,000 in 1999. The drop is mainly attributed to continued low commodity prices. The Minnesota number of farms in the \$1,000-\$9,999 economic sales class increased 1,500 to 31,000 in 1999. Those with sales in the \$10,000-\$99,999 economic sales class increased 500 from 1998 to 30,000 farms.

NUMBER OF FARMS, AVERAGE SIZE, AND LAND IN FARMS: Minnesota, 1988-99 1/ 2/

Year	Number of Farms	Land in Farms	Avg. Size of Farms
	<u>Number</u>	<u>1,000 Acres</u>	<u>Acres</u>
1988	92,000	30,000	326
1989	90,000	30,000	333
1990	89,000	30,000	337
1991	88,000	30,000	341
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	28,900	361
1999	81,000	28,800	356

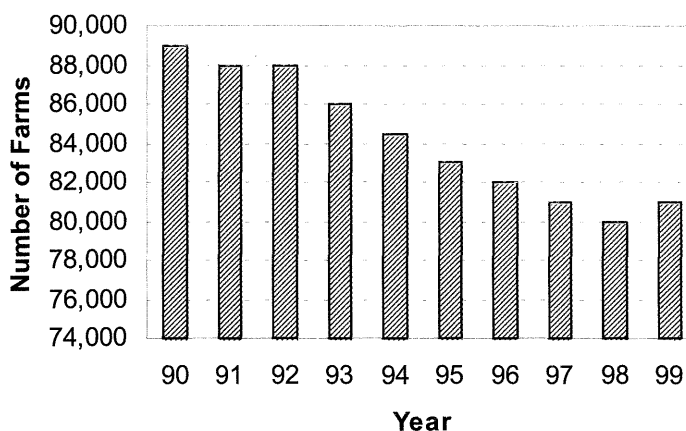
1/ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

2/ 1992 and earlier farm numbers and land in farms are for a June 1 reference date. Starting with 1993, numbers are for the entire year.

NUMBER OF FARMS AND LAND IN FARMS: by Sales Class, Minnesota, 1994-99

Year	Sales Class					
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000 & over	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000 & over
	<u>Number of Farms</u>			<u>Land in Farms (1,000 Acres)</u>		
1994	30,000	33,500	21,000	3,300	9,500	16,700
1995	30,000	32,500	20,500	3,300	9,300	16,800
1996	29,000	31,500	21,500	3,100	9,000	17,100
1997	29,500	30,500	21,000	3,100	8,700	17,300
1998	29,500	29,500	21,000	3,100	8,500	17,300
1999	31,000	30,000	20,000	3,100	8,600	17,100

MINNESOTA FARM NUMBERS



EXPORTS

Minnesota ranked 7th in farm exports for fiscal year 1998. The value of the state's exports came to \$2.28 billion versus \$2.56 billion in 1997. This is a decrease of \$275.0 million.

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, 1998 1/

Commodity	Value
	Million Dollars
Feed Grains & Products	556.9
Soybeans & Products	857.0
Wheat & Products	60.0
Live Animals & Meat (Excludes Poultry)	231.1
Vegetables & Preparations	169.5
Feeds & Fodders	105.5
Dairy Products	76.2
Hides & Skins	50.7
Poultry & Products	61.5
Sunflower Seed & Oil	10.0
Fats, Oils, Greases	25.5
Seeds	24.3
Other 2/	55.2
TOTAL	2,283.3

AGRICULTURAL EXPORTS: State Rankings, 1998 1/

Rank	State	Value
		Million Dollars
First	CA	7,653.9
Second	IA	3,504.6
Third	IL	3,099.1
Fourth	TX	3,057.8
Fifth	NE	2,894.3
Sixth	KS	2,857.2
Seventh	<u>MN</u>	2,283.3
Eighth	WA	1,699.6
Ninth	AR	1,633.6
Tenth	IN	1,618.0

1/ 1999 Data not available at press time. When data are released, it will be put on the Minnesota Agricultural Statistics Service Home Page at: www.nass.usda.gov/mn/.

2/ Includes 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.

LAND VALUES

Average Per Acre Value of Farmland and Buildings, Minnesota and Selected States, January 1, 1997-2000 1/

State	1997	1998	1999	2000	Change 1999-2000
	Dollars Per Acre				Percent
MN	1,090	1,160	1,230	1,270	3.3
IA	1,600	1,700	1,770	1,750	(1.1)
ND	390	401	406	415	2.2
SD	325	348	360	380	5.6
WI	1,170	1,240	1,370	1,500	9.5
48 States	926	974	1,020	1,050	2.9

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

LAND VALUES

Despite dramatic drops in livestock and crop prices, average Minnesota farmland prices continue to move upward. 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, terms of sale, and other pertinent items.

Statewide sales in 1999 totaled 2,214, a decrease of 18.7 percent from the 1998 sales. The average acreage per sale in 1999 was 111 acres, compared with 112 acres in 1998. Average sale price per acre was \$1,143 in 1999, an increase of \$64 per acre from the 1998 average.

FARMLAND SALES: Number, Acres, and Price, Minnesota, 1998-99

Sales Year	Number of Sales	Acres Sold	Price Per Acre	
			Mean (Acreage Weighted)	Median
	<u>Number</u>	<u>Acres</u>	<u>Dollars</u>	
1998	2,724	303,968	1,079	1,000
1999	2,214	245,842	1,143	1,023

The Central District of the State recorded the most sales in 1999 with 461, and the Northeast District had the fewest sales with 20. Average acreage per sale was the largest in the Northwest District at 148 acres, and the smallest average was 71 acres in the East Central District. Median sale price ranged from \$1,879 per acre in the South Central District to \$419 per acre in the Northwest.

FARMLAND SALES: Number, Acres, and Price, by District, Minnesota, 1999

Reporting District	Number of Sales	Acres Sold	Median Price Per Acre
	<u>Number</u>	<u>Acres</u>	<u>Dollars</u>
Northwest	289	42,710	419
North Central	99	12,335	475
Northeast	20	1,716	458
West Central	336	41,021	860
Central	461	44,288	1,000
East Central	288	20,535	950
Southwest	218	28,656	1,398
South Central	270	31,020	1,879
Southeast	233	23,561	1,457
Minnesota	2,214	245,842	1,023

Source: "Minnesota Agricultural Economist".
 Steven J. Taff, Department of Applied Economics, University of Minnesota.
 Internet Web Site (www.aecon.agri.umn.edu/faculty/sjtaff/).

**CORN AND SOYBEANS: Production Cash Costs
and Returns, Heartland Region, 1997-98 1/**

Item	Corn		Soybeans	
	1997	1998	1997	1998
	<u>Dollars per Planted Acre</u>		<u>Dollars per Planted Acre</u>	
Gross value of production: (excluding direct Government payments)				
Total, gross value of production	341.73	276.37	292.05	237.36
Operating costs:				
Seed	29.39	31.07	19.59	19.77
Fertilizer, lime, and gypsum	49.27	44.36	7.20	7.23
Soil conditioners	0.10	0.10	0.09	0.08
Manure	0.41	0.39	1.00	0.91
Chemicals	27.97	28.69	26.85	27.31
Custom operations 2/	10.58	10.70	5.94	5.93
Fuel, lube, and electricity	22.16	20.76	6.42	5.35
Repairs	14.64	15.14	8.64	8.91
Other variable cash expenses 3/	0.00	0.00	0.00	0.00
Interest on operating capital	3.95	3.62	1.94	1.81
Total, operating costs	158.47	154.83	77.67	77.30
Allocated overhead:				
Hired labor	2.17	2.27	1.25	1.29
Opportunity costs of unpaid labor	29.29	30.14	17.31	17.73
Capital recovery of machinery and equipment	61.52	63.67	46.56	47.99
Opportunity cost of land (rental rate)	95.40	97.17	86.67	87.96
Taxes and insurance	6.32	6.38	6.84	6.97
General farm overhead	12.22	11.49	14.22	13.40
Total, allocated overhead	206.92	211.12	172.85	175.34
Total, cash listed	365.39	365.95	250.52	252.64
Value of production less total costs listed	-23.66	-89.58	41.53	-15.28
Value of production less operating costs	183.26	121.54	214.38	160.06
Supporting information:				
Yield (bu./planted acre)	136	144	45	46
Price (dollars per bushel at harvest)	2.50	1.91	6.49	5.16
Enterprise size (planted acres) 4/	223	223	225	225
Production practices: 4/				
Irrigated (percent)	6	9	2	2
Dryland (percent)	94	94	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/ For 1996 survey base year only.

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

Internet Web Sites (www.econ.ag.gov/briefing/farmincome/car/corn2.htm) and (www.econ.ag.gov/briefing/farmincome/car/soybean2.htm)

WHEAT: Production Cash Costs and Returns, Northern Plains Region, 1991-98 1/

Item	1991	1992	1993	1994	1995	1996	1997	1998
	<u>Dollars per Planted Acre</u>							
Gross value of production: (excluding direct Government payments)								
Wheat	74.67	117.81	102.82	92.18	120.59	143.56	93.61	88.89
Wheat straw	0.53	0.61	0.64	0.60	0.51	0.60	0.74	0.52
Total, gross value of production	75.20	118.42	103.46	92.78	121.10	144.16	94.35	89.41
Cash expenses:								
Seed	4.91	6.40	6.45	7.83	7.44	8.93	7.64	7.27
Fertilizer, lime, and gypsum	9.95	9.74	9.38	12.25	15.34	15.63	14.85	12.61
Chemicals	7.31	7.76	8.08	7.61	7.98	8.27	8.33	8.28
Custom operations	2.63	2.68	2.68	2.54	2.59	2.72	2.64	2.98
Fuel, lube, and electricity	7.90	7.66	7.81	5.82	5.99	7.12	6.74	5.94
Repairs	6.91	7.08	7.41	12.07	12.51	14.09	12.77	13.52
Hired labor	3.77	3.96	3.85	2.16	2.30	2.39	2.52	2.69
Other variable cash expenses 2/	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03
Total, variable cash expenses	43.39	45.29	45.67	50.31	54.18	59.18	55.52	53.32
General farm overhead	5.10	4.93	6.01	4.18	5.45	4.54	5.35	4.20
Taxes and insurance	8.15	7.73	10.22	7.83	8.83	8.67	9.61	8.78
Interest	10.42	8.84	8.98	7.61	10.68	9.39	9.47	8.27
Total, fixed cash expenses	23.67	21.50	25.21	19.62	24.96	22.60	24.43	21.25
Total, cash expenses	67.06	66.79	70.88	69.93	79.14	81.78	79.95	74.57
Gross value of production less cash expenses	8.14	51.63	32.58	22.85	41.96	62.38	14.40	14.84
Harvest-period price (dollars/bu.)	2.47	3.30	3.39	3.31	4.31	4.86	3.81	2.86
Yield (bu./planted acre)	30.23	35.70	30.33	27.85	27.98	29.54	24.57	31.08

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

2/ Cost of purchased irrigation water and baling.

Note: Survey base changed in 1994.

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

Internet Web Site (www.econ.ag.gov/briefing/farmincome/car/wheat2.htm)

BARLEY: Production Cash Costs and Returns, Northern Plains Region, 1991-98 1/

Item	1991	1992	1993	1994	1995	1996	1997	1998
	<u>Dollars per Planted Acre</u>							
Gross value of production: (excluding direct Government payments)								
Barley	88.66	111.15	77.38	89.47	109.22	139.00	91.83	79.90
Barley straw	1.20	2.00	2.18	1.94	1.87	1.89	2.67	2.07
Total, gross value of production	89.86	113.15	79.56	91.41	111.09	140.89	94.50	81.97
Cash expenses:								
Seed	5.24	5.43	5.16	5.22	5.72	7.63	6.77	6.30
Fertilizer, lime, and gypsum	13.73	12.61	12.27	13.47	16.77	17.11	16.68	14.49
Chemicals	6.56	6.22	6.75	7.29	7.69	7.86	7.97	8.11
Custom operations	2.28	2.96	2.81	3.09	3.46	3.41	3.39	3.49
Fuel, lube, and electricity	6.39	7.92	7.75	7.22	7.42	8.85	8.59	7.55
Repairs	7.07	11.53	11.50	12.69	13.04	15.21	13.87	14.08
Hired labor	5.34	3.94	3.67	3.55	3.80	3.98	4.40	4.50
Other variable cash expenses 2/	1.14	0.88	0.77	0.81	0.86	0.98	1.04	1.06
Total, variable cash expenses	47.75	51.49	50.68	53.34	58.76	65.03	62.71	59.58
General farm overhead	5.57	5.05	5.04	6.11	7.27	7.28	7.58	6.07
Taxes and insurance	6.85	9.45	9.37	10.90	11.87	12.86	12.13	11.14
Interest	9.34	10.06	8.66	9.96	13.01	13.70	12.20	11.33
Total, fixed cash expenses	21.76	24.56	23.07	26.97	32.15	33.84	31.91	28.54
Total, cash expenses	69.51	76.05	73.75	80.31	90.91	98.87	94.62	88.12
Gross value of production less cash expenses	20.35	37.10	5.81	11.10	20.18	42.02	-0.12	-6.15
Harvest-period price (dollars/bu.)	1.89	1.97	1.79	1.93	2.47	2.82	2.11	1.69
Yield (bu./planted acre)	46.91	56.42	43.23	46.36	44.22	49.29	43.52	47.28

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

2/ Cost of purchased irrigation water and baling.

Note: Survey base changed in 1992.

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

Internet Web Site (www.econ.ag.gov/briefing/farmincome/car/barley2.htm)

OATS: Production Cash Costs and Returns, North Central Region, 1991-98 1/

Item	1991	1992	1993	1994	1995	1996	1997	1998
	Dollars per Planted Acre							
Gross value of production: (excluding direct Government payments)								
Oats	58.94	84.53	66.72	68.92	71.40	119.06	104.46	95.16
Oats straw	21.72	25.28	28.30	44.21	37.98	44.21	49.88	44.21
Total, gross value of production	80.66	109.81	95.02	113.13	109.38	163.27	154.34	139.37
Cash expenses:								
Seed	8.28	9.61	9.48	9.29	8.91	9.67	10.10	9.72
Fertilizer, lime, and gypsum	13.82	13.57	12.46	16.71	20.61	20.12	20.09	19.10
Chemicals	0.84	0.88	0.86	1.15	1.19	1.26	1.27	1.27
Custom operations 2/	7.41	7.43	5.96	6.08	5.69	5.75	5.71	5.73
Fuel, lube, and electricity	8.62	7.22	6.69	6.64	4.08	4.19	4.33	3.54
Repairs	6.44	6.50	6.01	9.61	8.03	6.50	7.63	7.10
Hired labor	6.09	6.41	6.07	1.64	1.58	1.73	1.81	1.91
Other variable cash expenses 3/	0.00	0.00	0.00	1.63	1.40	1.63	1.84	1.63
Total, variable cash expenses	51.50	51.62	47.53	52.75	51.49	50.85	52.78	50.00
General farm overhead	3.24	4.41	4.74	4.58	4.83	4.52	5.31	5.01
Taxes and insurance	15.14	21.71	22.67	17.33	19.00	20.15	20.15	19.58
Interest	3.83	4.43	4.18	5.44	6.22	6.14	6.17	6.50
Total, fixed cash expenses	22.21	30.55	31.59	27.35	30.05	30.81	31.63	31.09
Total, cash expenses	73.71	82.17	79.12	80.10	81.54	81.66	84.41	81.09
Gross value of production less cash expenses	6.95	27.64	15.90	33.03	27.84	81.61	69.93	58.28
Harvest-period price (dollars/bu.)	1.21	1.28	1.41	1.23	1.28	2.02	1.62	1.62
Yield (bu./planted acre)	48.71	66.04	47.32	56.03	55.78	58.94	64.48	58.74

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.econ.ag.gov/briefing/farmincome/car/oats2.htm)**SUGARBEETS: Production Cash Costs and Returns, Red River Valley, 1991-98 1/**

Item	1991	1992	1993	1994	1995	1996	1997	1998
	Dollars per Planted Acre							
Gross value of production:								
Beets - gross value of production	694.80	849.13	591.61	852.36	685.85	851.03	697.50	800.50
Cash expenses:								
Seed	24.85	36.63	37.53	39.89	41.15	42.91	44.81	46.39
Fertilizer	33.28	30.29	28.68	32.78	39.90	41.68	39.86	35.68
Chemicals	66.52	66.14	66.30	66.79	68.13	71.12	71.13	71.43
Custom operations	21.87	21.13	19.88	24.78	24.12	23.93	23.30	25.42
Fuel and lubrication	25.59	18.65	18.20	18.46	17.85	21.87	20.73	18.43
Repairs	32.02	29.23	24.48	29.87	28.93	29.37	31.53	33.53
Hired labor	78.64	70.05	68.50	66.12	69.33	77.02	83.06	86.06
Purchased irrigation water	0.00	0.04	0.04	0.04	0.04	0.04	0.05	0.05
Freight and dirt hauling charges	9.98	9.87	8.92	9.93	9.55	11.93	11.81	11.25
Miscellaneous 2/	4.06	13.52	14.00	13.85	14.47	16.54	16.94	15.71
Hauling allowance (-)	14.06	-9.43	-8.33	-9.50	-9.14	-11.39	-11.36	-10.75
Total, variable cash expenses	310.87	286.12	278.20	293.01	304.33	325.02	331.86	333.20
General farm overhead	38.14	25.33	30.64	30.16	30.43	20.75	30.90	29.09
Taxes and insurance	28.07	35.21	39.40	35.88	39.36	33.23	39.24	40.40
Interest	59.54	43.50	45.18	41.90	45.83	32.88	41.99	44.13
Total, fixed cash expenses	125.75	104.04	115.22	107.94	115.62	86.86	112.13	113.62
Total, cash expenses	436.62	390.16	393.42	400.95	419.95	411.88	443.99	446.82
Gross value of production less cash expenses	258.18	458.97	198.19	451.41	265.90	439.15	253.51	353.68
Season-average price (dollars/ton)	40.00	47.20	40.97	41.66	38.38	46.76	38.43	38.43
Yield (net tons/planted acre)	17.37	17.99	14.44	20.46	17.87	18.20	18.15	20.83

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.

Note: Survey base changed in 1992.

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

Internet Web Site (www.econ.ag.gov/briefing/farmincome/car/beets2.htm)

**HOG PRODUCTION: Farrow-to-finish, Farrow-to-feeder,
Feeder Pig-to-finish, Cash Costs and Returns, Heartland Region, 1998 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	33.79	32.87	1.52	40.80
Feeder pigs	5.78	0.44	64.04	0.14
Cull stock	0.97	1.61	2.39	0.01
Breeding stock	0.36	0.14	0.22	0.02
Inventory change	-0.13	-1.78	4.52	1.05
Other income 4/	1.55	1.49	1.29	1.67
Total, gross value of production	42.32	34.77	73.98	43.69
Operating costs:				
Feed--				
Grain	7.85	9.85	2.45	5.99
Protein sources	6.74	9.12	1.27	4.03
Complete mixes	8.33	4.73	26.43	10.58
Other feed items 5/	0.25	0.39	0.25	0.10
Total feed costs	23.17	24.09	30.40	20.70
Other--				
Feeder pigs	7.16	0.04	0.35	16.79
Veterinary and medicine	1.15	1.54	2.39	0.50
Bedding and litter	0.04	0.05	0.06	0.02
Marketing	0.61	0.35	3.54	0.52
Custom services	0.28	0.26	0.26	0.32
Fuel, lube, and electricity	1.14	1.19	2.84	0.73
Repairs	0.89	1.19	1.08	0.43
Other operating costs 6/	0.03	0.03	0.04	0.03
Interest on operating capital	0.83	0.69	0.98	0.96
Total, operating costs	35.30	29.43	41.94	41.00
Allocated overhead:				
Hired labor	2.11	2.29	10.93	0.43
Opportunity cost of unpaid labor	6.37	8.15	7.94	3.67
Capital recovery of machinery and equipment	10.74	11.61	24.96	6.87
Opportunity cost of land (rental rate)	0.07	0.08	0.09	0.04
Taxes and insurance	0.49	0.50	0.91	0.40
General farm overhead	1.00	1.06	1.48	0.80
Total, allocated overhead	20.78	23.69	46.31	12.21
Total, costs listed	56.08	53.12	88.25	53.21
Value of production less total costs listed	-13.76	-18.35	-14.27	-9.52
Value of production less operating costs	7.02	5.34	32.04	2.69
Supporting information:				
Production arrangement (percent of farms)				
Independent	73	99	23	49
Under contract	27	1	77	51
Size of operation (head sold/removed)				
Market hogs	1,373	1,245	52	1,959
Feeder hogs	726	43	7,220	13

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.

2/ Farrow to Feeder data 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.econ.ag.gov/briefing/farmincome/car/) Click on Hogs Analysis.

COW-CALF: Production Cash Costs and Returns, Heartland Region, 1997-98 1/

Item	1997	1998
	<u>Dollars per Bred Cow</u>	
Gross value of production:		
Steer calves	151.85	150.19
Heifer calves	102.34	101.54
Yearling steers	33.80	31.64
Yearling heifers	10.45	9.82
Other cattle	64.18	60.95
Total, gross value of production	362.62	354.14
Operating costs:		
Feeder cattle	67.77	63.52
Feed--		
Concentrates and other feed	30.95	26.36
Supplemental feed	41.40	33.03
Harvested forages	323.91	258.50
Cropland pasture	13.20	14.80
Private pasture	68.10	69.94
Public land	0.34	0.35
Total feed costs	477.90	402.98
Other--		
Veterinary and medicine	37.36	39.30
Bedding and litter	1.17	1.20
Marketing	4.10	4.29
Custom operations	39.03	41.01
Fuel, lube, and electricity	16.17	16.18
Repairs	28.27	29.66
Interest on operating inputs	16.97	15.83
Total, variable operating costs	688.74	613.97
Allocated overhead:		
Hired labor	0.46	0.48
Opportunity cost of unpaid labor	183.33	188.27
Capital recovery cost of machinery and equipment	257.18	254.55
Opportunity cost of land	5.01	5.10
Taxes and insurance	41.37	43.53
General farm overhead	87.80	82.69
Total, allocated overhead	575.15	574.62
Total cost listed	1,263.89	1,188.59
Value of production less total costs listed	-901.27	-834.45
Value of production less operating costs	-326.12	-259.83

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.econ.ag.gov/briefing/farmincome/car/cowcalf2.htm)



MILK: Production Cash Costs And Returns, Upper Midwest Region, 1990-98 1/

Item	1990	1991	1992	1993	1994	1995	1996	1997	1998
	Dollars per Cwt								
Gross value of production:									
Milk	13.50	12.04	13.11	12.89	13.04	12.83	14.74	13.32	15.48
Cattle	1.73	1.63	1.56	1.24	1.15	1.00	0.89	0.97	0.94
Other income 2/	0.18	0.17	0.19	0.60	0.64	0.76	0.77	0.75	0.68
Total, gross value of production	15.41	13.84	14.86	14.73	14.83	14.59	16.40	15.04	17.10
Cash expenses:									
Feed--									
Concentrates	3.13	3.14	2.85	3.68	3.77	3.53	4.19	4.53	4.07
By-products	0.08	0.08	0.08	0.11	0.11	0.11	0.11	0.12	0.13
Liquid whey 3/	--	--	--	0.14	0.14	0.15	0.16	0.17	0.18
Hay	1.20	0.96	1.07	1.31	1.15	0.98	1.04	1.36	1.14
Silage	1.05	0.99	1.05	1.90	1.66	1.41	1.51	1.99	1.67
Pasture and other forage	0.03	0.04	0.04	0.11	0.10	0.13	0.16	0.12	0.14
Total feed costs	5.49	5.21	5.09	7.25	6.93	6.31	7.17	8.29	7.33
Other--									
Hauling and marketing	0.49	0.50	0.50	0.52	0.56	0.52	0.50	0.58	0.58
Artificial insemination	0.13	0.13	0.15	0.16	0.17	0.16	0.15	0.18	0.17
Veterinary and medicine	0.24	0.22	0.25	0.45	0.48	0.44	0.43	0.50	0.49
Fuel, lube, and electricity	0.25	0.25	0.23	0.59	0.57	0.57	0.62	0.61	0.56
Machinery and building repairs	0.55	0.54	0.56	0.96	1.02	1.04	1.01	1.09	1.13
Hired labor	0.46	0.46	0.49	0.65	0.65	0.58	0.56	0.53	0.50
DHIA fees	0.05	0.05	0.05	0.07	0.08	0.07	0.07	0.08	0.08
Dairy assessment	0.01	0.05	0.13	0.14	0.17	0.16	0.03	0.00	0.00
Other variable cash expenses 4/	0.25	0.24	0.24	0.63	0.68	0.66	0.65	0.74	0.73
Total, variable cash expenses	7.92	7.65	7.69	11.42	11.31	10.51	11.19	12.60	11.57
General farm overhead	0.66	0.60	0.57	0.59	0.64	0.67	0.65	0.73	0.75
Taxes and insurance	0.43	0.45	0.46	0.34	0.38	0.38	0.43	0.42	0.46
Interest	0.99	0.93	0.79	0.99	1.01	1.14	1.16	1.13	1.29
Total, fixed cash expenses	2.08	1.98	1.82	1.92	2.03	2.19	2.24	2.28	2.50
Total, cash expenses	10.00	9.63	9.51	13.34	13.34	12.70	13.43	14.88	14.07
Gross value of production less cash expenses	5.41	4.21	5.35	1.39	1.49	1.89	2.97	0.16	3.03

1/ The Upper Midwest Region includes Minnesota, Wisconsin, Michigan, and South Dakota.

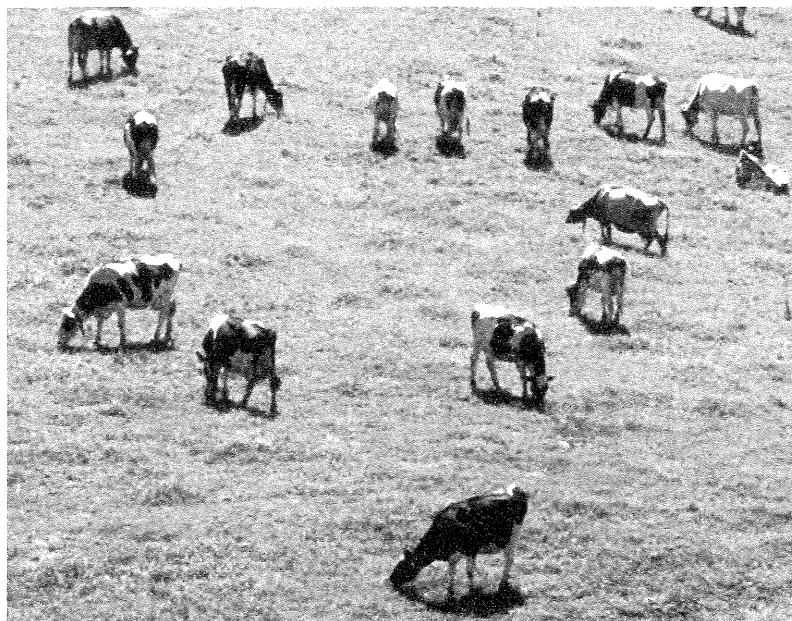
2/ Includes the dairy enterprise share of receipts from cooperative patronage dividends, assessment refunds, renting or leasing of dairy animals, manure sales, and insurance indemnity payments.

3/ Not available prior to 1993.

4/ Includes the dairy enterprise share of expenses for bedding and litter, custom manure hauling and disposal, and dairy supplies.

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

Internet Web Site (www.econ.ag.gov/briefing/farmincome/car/milk2.htm)



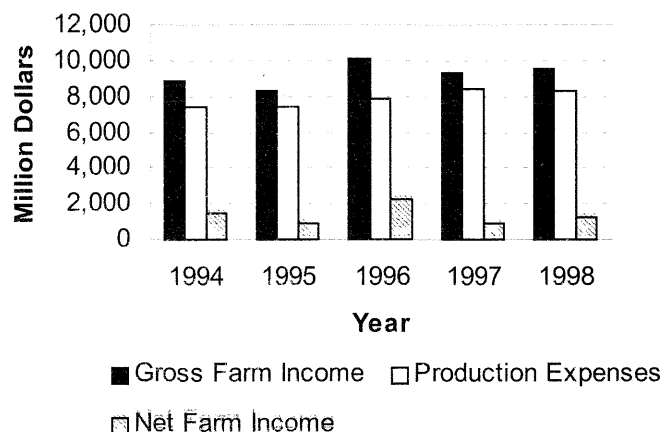
FARM INCOME

Net farm income received by Minnesota farmers in 1998 is up 32% from 1997.

Total net farm income for 1998 was \$1,260.4 million, compared to \$953.8 million in 1997. Total farm production expenses in 1998 was \$8,293.2 million, compared to \$8,394.6 million in 1997.

The "average" Minnesota farm had gross farm income of \$119,420 in 1998. However, expenses totaled \$103,665, leaving the typical farm with \$15,754 of net farm income in 1998, compared with \$11,776 in 1997 and \$27,590 in 1996.

MINNESOTA FARM INCOME AND PRODUCTION EXPENSES



FARM INCOME AND EXPENSES: Minnesota, 1994-99

Year	Cash Receipts From Farm Marketings	Government Payments	Noncash Income 1/	Farm Related Income 2/	Value of Inventory Adjustment 3/	Total Gross Farm Income	Total Farm Production Expenses	Total Net Farm Income
Million Dollars								
1994	6,460.1	622.3	378.3	277.8	1,146.5	8,884.9	7,437.5	1,447.4
1995	7,211.6	467.6	399.2	312.1	-61.4	8,329.1	7,409.8	919.3
1996	8,809.6	349.3	416.3	347.3	178.1	10,100.6	7,838.2	2,262.4
1997	7,997.8	417.0	438.2	483.5	11.9	9,348.5	8,394.6	953.8
1998 4/	7,679.9	762.4	457.5	414.8	238.9	9,553.6	8,293.2	1,260.4
1999 5/								

1/ Includes value of home consumption and housing.

2/ Includes income from custom work, machine hire, forest products, and other farm income.

3/ Estimated physical change in crops and livestock owned by farmers, valued at average prices prevailing during the year.

4/ Preliminary data.

5/ 1999 Data not available at press time. When data are released, it will be put on the Minnesota Agricultural Statistics Service Home Page at: www.nass.usda.gov/mn/.

Note: Figures may not add due to rounding.

AVERAGE PER FARM INCOME: Minnesota, 1994-99 1/

Year	Number of Farms	Gross Farm Income	Farm Production Expenses	Net Farm Income
1,000		Dollars		
1994	84.5	105,147	88,018	17,129
1995	83.0	100,351	89,275	11,076
1996	82.0	123,178	95,588	27,590
1997	81.0	115,413	103,637	11,776
1998	80.0	119,420	103,665	15,754
1999 2/	81.0			

1/ Farms having annual sales of ag products of \$1,000 or more.

2/ 1999 Data not available at press time. When data are released, it will be put on the Minnesota Agricultural Statistics Home Page at www.nass.usda.gov/mn/.

Note: Figures may not add due to rounding.

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

CASH RECEIPTS FROM FARM MARKETINGS: Minnesota, 1996-98 1/

Commodity	1996		1997		1998	
	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	1,729,550	19.6	1,319,962	16.5	1,261,060	16.4
Oats	10,379	0.1	7,640	0.1	6,317	0.1
Barley	64,278	0.7	51,877	0.6	34,580	0.5
Hay	57,864	0.7	61,206	0.8	56,204	0.7
Food Grains						
Wheat	422,933	4.8	306,082	3.8	261,389	3.4
Rye	1,012	*	1,026	*	2,031	*
Oil Crops						
Soybeans	1,550,163	17.6	1,473,722	18.4	1,427,587	18.6
Sunflowers	27,695	0.3	20,431	0.3	15,360	0.2
Vegetable Crops						
Potatoes	106,596	1.2	91,857	1.1	102,020	1.3
Sweet Corn (processed)	56,113	0.6	59,428	0.7	58,433	0.8
Green Peas (processed)	38,817	0.4	40,513	0.5	39,445	0.5
Other Crops						
Sugarbeets	375,434	4.3	319,314	4.0	375,777	4.9
Dry Beans	56,746	0.6	42,173	0.5	48,353	0.6
Apples	8,611	0.1	7,783	0.1	8,286	0.1
Floriculture	54,322	0.6	65,889	0.8	68,501	0.9
Other Crops, Fruits, Vegetables 3/	127,202	1.4	136,884	1.7	159,758	2.1
Total Crops	4,687,715	53.2	4,005,787	50.1	3,925,101	51.1
LIVESTOCK AND PRODUCTS:						
Meat Animals						
Cattle & Calves	884,647	10.0	922,366	11.5	749,643	9.8
Hogs	1,099,051	12.5	1,148,266	14.4	916,554	11.9
Sheep & Lambs	16,065	0.2	15,551	0.2	12,109	0.2
Dairy Products	1,362,180	15.5	1,200,290	15.0	1,425,935	18.6
Poultry & Eggs						
Turkeys	426,735	4.8	395,714	4.9	359,783	4.7
Broilers	94,425	1.1	90,300	1.1	80,847	1.1
Chicken Eggs	150,491	1.7	137,747	1.7	126,080	1.6
Other Livestock Products						
Honey	10,395	0.1	7,833	0.1	7,189	0.1
Miscellaneous Livestock & Products 4/	77,898	0.9	73,938	0.9	76,673	1.0
Total Livestock	4,121,887	46.8	3,992,005	49.9	3,754,813	48.9
TOTAL ALL CROPS AND LIVESTOCK	8,809,602	100.0	7,997,792	100.0	7,679,914	100.0

1/ 1996 and 1997 are revised; 1998 is preliminary.

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

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

4/ Wool, mink, goats, horses, mules, 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.econ.ag.gov/briefing/farmincome/finfidmu.htm)

FARM BALANCE SHEET: Minnesota, 1994-98

Item	1994	1995	1996	1997	1998
	<u>Million Dollars</u>				
Total Farm Assets 1/:	35,634.2	38,206.1	39,966.4	41,566.5	41,687.4
Real Estate	23,930.3	25,871.0	27,284.3	28,836.9	29,582.7
Livestock and Poultry 2/	2,178.5	2,118.0	2,223.8	2,104.8	1,981.6
Machinery and Motor Vehicles 3/	4,888.2	4,858.6	4,837.2	4,866.3	4,785.1
Crops 4/	1,641.1	2,357.8	2,515.3	2,553.3	2,110.4
Purchased Inputs	443.6	291.3	355.2	416.4	428.3
Financial	2,552.4	2,709.4	2,750.5	2,788.8	2,799.3
Total Farm Debt 1/ 5/:	7,306.2	7,690.7	8,010.8	8,664.5	9,238.7
Real Estate	3,751.9	3,874.4	3,963.7	4,266.6	4,619.7
By Lender:					
Farm Credit System	1,189.3	1,183.9	1,199.7	1,373.8	1,635.7
Farm Service Agency	190.0	185.6	177.5	173.2	164.1
Commercial Banks	1,050.6	1,145.0	1,162.0	1,260.1	1,356.3
Life Insurance Companies	209.0	215.0	249.8	255.0	271.0
Individuals and others	1,113.0	1,144.9	1,174.7	1,204.5	1,192.6
Nonreal Estate 1/	3,554.3	3,816.3	4,047.1	4,397.9	4,619.0
By Lender:					
Farm Credit System	623.6	756.7	933.9	1,050.2	1,178.3
Farm Service Agency	236.1	208.7	204.8	190.8	186.3
Commercial Banks	2,037.9	2,151.8	2,154.3	2,343.5	2,407.0
Individuals and others	656.7	699.1	754.1	813.5	847.4
Total Farm Equity 1/	28,328.0	30,515.5	31,955.6	32,902.0	32,448.8
	<u>Percent</u>				
Debt/Equity Ratio	25.8	25.2	25.1	26.3	28.5
Debt/Assets Ratio	20.5	20.1	20.0	20.8	22.2

1/ May not add to total due to rounding.

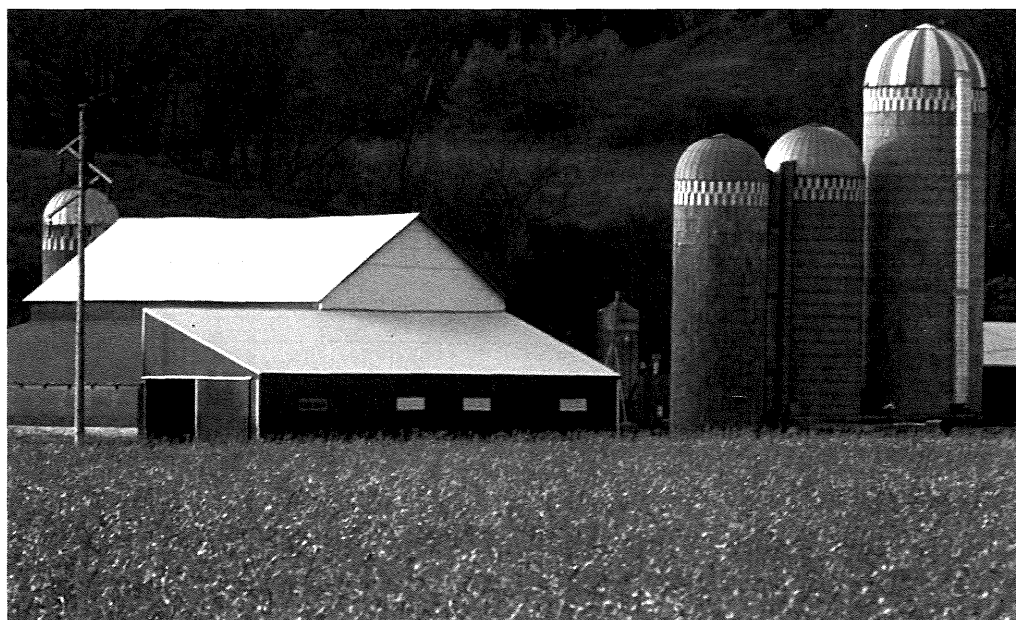
2/ Excludes horses, mules, and broilers.

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.

Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.
Internet Web Site (www.econ.ag.gov/briefing/farmincome/fbsdmu.htm)



1999 Climate Summary

January brought unusually frequent snow to many portions of western and southern Minnesota. In some locales, measurable snowfall was recorded on two thirds of the days during the month. By the end of January most of the state reported above median snow depths, with the exception of some areas of north central and northeastern Minnesota. Temperatures began quite cold to start the month, but a significant moderation in the later half of the month caused the monthly mean to balance out to near normal.

The warmth of late January continued into the month of February. Much of Minnesota reported temperatures eight to ten degrees above normal for the month. The warm weather, accompanied by a lack of snowfall diminished Minnesota's snow cover. By month's end, only some sections of far northwestern and far northeastern Minnesota reported snow depths above eight inches. The lack of significant snow cover reduced the threat of spring snowmelt flooding in all but the lower reaches of the Red River of the North.

March was generally mild and dry with one dramatic exception. A snowstorm struck central and southern Minnesota on March 8 - 9 and dropped heavy snow. The 16 inches measured at the Twin Cities International Airport tied for 8th place in all-time daily snowfall amounts.

The month of April began with wet weather in the north. Heavy precipitation was unwelcome in northwestern Minnesota, where the combination of snowmelt runoff and rainfall led to moderate to major flooding on the lower Red River and its tributaries. Wet weather then moved southward during the second week of April, with many southern Minnesota locales reporting over three inches of rain for the week. The second half of April turned quite dry for all but extreme southeastern Minnesota. A combination of sunny skies, strong winds, and low relative humidity dramatically increased the potential for wildfires.

The first half of May turned quite wet across nearly all of Minnesota, with precipitation totals of four to six inches. This compares with normals for the entire month of May of two and one half to five inches. The deluge led to minor flooding and delays in agricultural fieldwork.

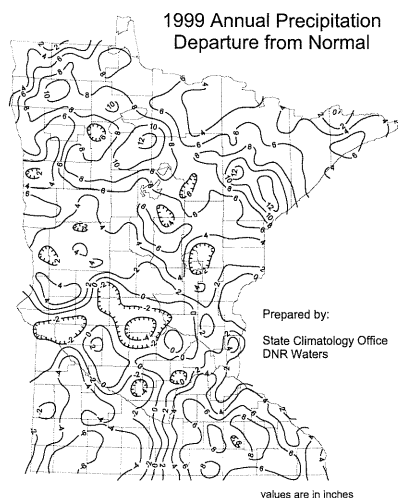
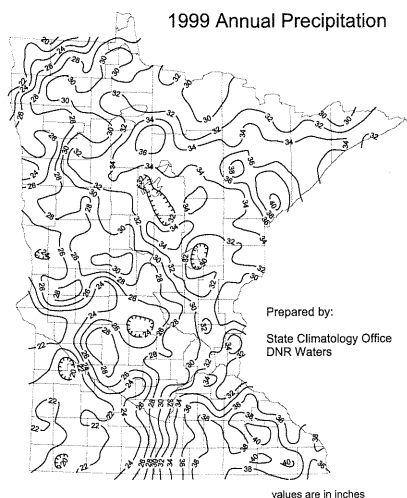
June brought wide swings in temperature patterns. Hot and sticky weeks alternated with extremely cool weather. In balance, monthly temperatures averaged near normal. June rains were generally ample and the month finished with near normal totals.

A complex of severe thunderstorms rumbled across northern Minnesota during the morning and early afternoon hours of July 4th. Millions of trees were blown down in the BWCA, in some cases leading to serious injuries of canoeists and campers. The storms also dropped torrential rains. Thunderstorms redeveloped during the evening of July 4th and continued into the morning hours of July 5th. The later round of thunderstorms dropped very heavy rains upon already waterlogged soils, leading to significant flooding in central and southern St. Louis, southern Cook, and southern Lake Counties. The largest reported two-day precipitation total was 8.84 inches in west central St. Louis County. July also brought wet weather to southeastern Minnesota, with some communities exceeding nine inches for the month. July 29 and 30 will be remembered as two of the most humid days in Minnesota history. Dew point temperatures in the mid to upper 70's were prevalent across the state, with many locations in southern Minnesota reaching values exceeding 80 degrees.

August precipitation patterns were highly variable, leading to a mosaic of wet and dry areas. The southwestern counties of Minnesota were quite dry. Temperatures for August were unremarkable, averaging near the historical normal.

The autumn and early winter of 1999 brought unusually dry conditions over much of Minnesota. Many western counties received less than one inch of precipitation from October through December. These totals were more than three inches below normal in some locations. The dry autumn and early winter exaggerated an already dry situation in the southwest. Some parts of northern Minnesota welcomed the dry spell because of high water levels in that part of the state. For the third consecutive winter, early season snow cover was extremely light. With the exception of a brief early October cold snap, autumn and early winter temperature were very warm. November 1999 will go down in the record books as the warmest November ever in many Minnesota communities. Temperatures across the state finished seven to nine degrees above the historical average. Likewise, December was extremely warm, with temperatures ranging from seven to twelve degrees above normal.

Source: State Climatology Office, DNR - Division of Waters



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

		Average Date of Last Temperature Occurrence			Average Date of First Temperature Occurrence			Number of Days Between Average Last Spring and First Fall Occurrence of:		
County and District	Station	24°F	28°F	32°F	32°F	28°F	24°F	32°F	28°F	24°F
<u>Northwest</u>										
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
<u>North Central</u>										
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	Int'l 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
<u>Northeast</u>										
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
<u>West Central</u>										
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
<u>Central</u>										
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
<u>East Central</u>										
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
Mille 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
<u>Southwest</u>										
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
<u>South Central</u>										
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
<u>Southeast</u>										
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, 1999

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Precipitation (Inches)												
Northwest												
Argyle	1.10	.60	1.18	1.67	3.85	6.05	2.68	1.42	3.18	.15	.00	.55
Crookston	M.81	M.33	.72	1.22	3.38	3.96	3.16	6.03	3.96	.09	.00	.44
Moorhead	1.15	.20	1.83	1.18	4.04	3.63	2.74	4.80	6.51	1.47	.00	.45
District	1.22	.35	1.31	1.47	4.67	4.70	3.76	4.17	4.67	.71	.04	.40
Normal	.71	.48	.96	1.63	2.52	3.71	3.17	2.96	2.55	1.72	.82	.69
North Central												
Grand Rapids	.84	.59	1.24	1.84	M	3.89	9.35	3.98	4.64	1.15	.05	.27
Int'l Falls	.09	.51	2.03	1.82	5.70	3.31	6.21	2.67	5.89	.65	T	.18
Park Rapids	1.12	.27	1.33	M	4.99	M	M	M	M	M	M	M
District	.72	.51	1.59	1.95	6.27	3.89	6.41	4.59	4.82	.95	.04	.28
Normal	.78	.52	1.15	1.92	2.83	4.00	3.74	3.51	3.02	2.28	1.12	.83
Northeast												
Duluth	.87	.64	.76	2.96	2.93	4.72	8.74	7.41	5.80	2.35	.70	.23
Grand Marais	M.24	.91	.94	1.29	M	2.47	6.62	2.51	3.61	2.44	.71	.53
Hibbing	.73	.60	1.01	1.70	5.13	3.96	13.51	4.91	5.33	1.48	.09	.19
District	.80	.74	1.29	2.39	4.03	3.62	9.12	4.14	5.62	2.14	.43	.33
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	1.35	.34	.79	3.73	3.39	4.41	2.45	1.68	2.05	.65	.05	.43
Fergus Falls	2.29	M.14	.65	.60	M	5.93	2.16	5.14	3.43	.63	.00	M.36
Montevideo	M.03	.05	M.85	1.63	3.49	3.84	2.53	4.00	1.18	.39	.05	M.00
Morris	M1.27	.19	1.64	1.37	3.75	3.31	4.93	4.90	2.55	.31	.07	.32
District	1.23	.16	1.22	1.56	4.10	4.12	3.62	4.10	2.88	.49	.03	.21
Normal	.73	.67	1.39	2.22	2.84	3.81	3.31	3.01	2.46	1.99	1.05	.65
Central												
Hutchinson	M3.47	.16	.96	2.72	4.42	4.81	4.18	6.35	2.38	.57	.27	.20
Olivia	1.20	M	.93	2.15	3.43	M	2.68	5.89	2.45	.89	.30	M.13
St. Cloud	.61	.07	.85	2.29	4.72	3.99	3.84	4.95	2.61	1.35	.20	.10
Willmar	1.45	M	1.31	2.38	4.26	4.98	5.53	4.28	2.33	.72	.19	.16
District	1.57	.17	1.33	2.61	5.50	4.58	4.39	4.43	2.42	.86	.33	.23
Normal	0.79	.70	1.63	2.46	3.22	4.35	3.66	3.66	3.01	2.27	1.36	.86
East Central												
Aitkin	1.26	M.96	.85	2.33	M	4.59	4.44	5.89	4.47	1.36	.35	.34
Cambridge	M2.57	.14	M1.90	2.58	5.20	4.90	6.11	3.46	1.57	.80	.38	.08
MSP-Airport	2.67	.40	1.86	3.43	6.56	3.68	4.55	2.64	2.73	.92	.77	.33
District	1.38	.34	1.58	2.93	6.26	5.02	5.69	4.55	2.83	1.23	.60	.30
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	.95	.11	M.21	4.01	3.82	3.12	4.44	2.00	.67	.87	M.17	.12
Luverne	M.49	M.37	M2.49	4.06	2.84	4.34	3.21	1.53	1.80	1.96	.09	.31
Pipestone	.75	M.16	.83	5.25	3.22	6.79	3.38	2.29	1.35	.77	.04	M.24
Redwood Falls	1.35	.37	.93	3.27	4.78	3.49	2.37	6.81	1.48	.93	.19	.31
Windom	M1.53	M.33	M.98	4.95	3.86	5.46	3.14	.49	.95	1.06	.17	M.25
District	.92	.29	.97	4.34	3.53	4.25	2.84	2.24	1.30	.92	.14	.19
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	M1.18	.47	.79	6.10	4.50	5.63	3.59	.72	M.97	.91	.61	M.13
Faribault	M2.12	.41	1.51	5.28	5.83	3.53	5.97	4.01	1.33	2.20	1.37	.49
Mankato	1.60	.24	1.56	6.12	5.36	5.27	6.66	3.85	.42	2.28	.64	.31
Waseca	2.95	.92	2.19	6.27	5.57	3.98	5.77	2.99	2.73	2.45	1.36	.83
District	1.80	.36	1.22	6.23	4.94	4.83	5.64	2.80	1.30	1.61	.87	.35
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	M	M.33	M.42	7.09	7.64	3.81	10.20	1.95	1.14	1.09	.64	.62
Caledonia	M	M	M	5.85	4.18	3.70	10.24	3.65	1.36	1.30	1.03	.59
Rochester	2.07	1.13	.81	6.47	5.32	3.76	8.74	6.20	.56	.52	1.00	.49
Winona	M1.21	M.45	M.00	10.30	4.47	3.22	7.34	3.85	2.87	1.12	1.30	.60
District	1.88	.71	1.07	6.84	5.23	3.59	8.92	4.09	1.61	1.18	1.28	.54
Normal	0.96	.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

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

CROPS: Average Completion Dates for Planting and Harvesting, Minnesota

Crop and Year	Date Planting Completed					Date Harvesting Completed				
	Percent					Percent				
	10	25	50	75	90	10	25	50	75	90
Corn:										
1999	Apr 26	Apr 29	May 04	May 09	May 21	Oct 04	Oct 09	Oct 18	Oct 24	Oct 31
1998	Apr 21	Apr 26	Apr 29	May 03	May 08	Sep 23	Oct 02	Oct 13	Oct 23	Nov 01
1995-99	Apr 27	Apr 30	May 05	May 15	May 26	Oct 01	Oct 10	Oct 19	Oct 28	Nov 06
Soybeans:										
1999	May 06	May 15	May 25	May 30	Jun 05	Sep 27	Oct 01	Oct 07	Oct 13	Oct 17
1998	May 01	May 05	May 10	May 16	May 23	Sep 18	Sep 24	Sep 30	Oct 08	Oct 18
1995-99	May 06	May 13	May 22	May 30	Jun 07	Sep 25	Oct 01	Oct 08	Oct 14	Oct 21
Spring Wheat:										
1999	Apr 23	Apr 29	May 06	May 25	Jun 01	Aug 03	Aug 09	Aug 21	Sep 03	Sep 21
1998	Apr 21	Apr 25	Apr 30	May 05	May 09	Jul 30	Aug 06	Aug 12	Aug 16	Aug 23
1995-99	Apr 26	May 02	May 15	May 27	Jun 02	Aug 03	Aug 10	Aug 19	Sep 02	Sep 11
Oats:										
1999	Apr 15	Apr 26	May 02	May 09	May 31	Jul 27	Aug 02	Aug 08	Aug 18	Aug 30
1998	Apr 16	Apr 21	Apr 25	May 01	May 07	Jul 21	Jul 26	Aug 01	Aug 11	Aug 16
1995-99	Apr 21	Apr 27	May 03	May 10	May 25	Jul 27	Aug 02	Aug 10	Aug 22	Aug 29
Barley:										
1999	Apr 27	May 02	May 19	May 29	Jun 09	Aug 02	Aug 10	Aug 21	Sep 02	Sep 14
1998	Apr 21	Apr 25	Apr 30	May 06	May 10	Jul 28	Aug 02	Aug 08	Aug 14	Aug 19
1995-99	Apr 27	May 05	May 19	May 29	Jun 04	Aug 02	Aug 10	Aug 19	Aug 31	Sep 09
Potatoes:										
1999	Apr 21	Apr 29	May 17	May 31	Jun 12	Aug 29	Sep 10	Oct 02	Oct 11	Oct 22
1998	Apr 19	Apr 27	May 03	May 15	May 29	Aug 29	Sep 12	Sep 29	Oct 04	Oct 14
1995-99	Apr 25	May 03	May 17	Jun 02	Jun 12	Sep 01	Sep 14	Sep 29	Oct 10	Oct 19
Sunflowers:										
1999	May 15	May 24	Jun 07	Jun 11	Jun 15	Oct 05	Oct 10	Oct 25	Nov 01	Nov 08
1998	May 04	May 10	May 17	May 31	Jun 09	Sep 29	Oct 07	Oct 25	Nov 05	Nov 12
1995-99	May 13	May 23	May 31	Jun 08	Jun 13	Sep 29	Oct 08	Oct 18	Oct 29	Nov 06
Alfalfa Hay: 1/										
1999						May 24	May 29	Jun 05	Jun 15	Jun 23
1998						May 22	May 26	May 31	Jun 08	Jun 16
1995-99						May 27	Jun 03	Jun 13	Jun 20	Jun 27
Winter Wheat:										
1999	Sep 02	Sep 08	Sep 16	Sep 27	Oct 03	Jul 27	Aug 02	Aug 07	Aug 14	Aug 26
1998	Aug 23	Aug 30	Sep 05	Sep 16	Sep 21	Jul 21	Jul 28	Jul 31	Aug 06	Aug 11
1995-99	Aug 27	Sep 03	Sep 09	Sep 19	Sep 28	Jul 26	Jul 31	Aug 07	Aug 14	Aug 22
Rye:										
1999	Aug 31	Sep 07	Sep 13	Sep 22	Sep 29	Jul 22	Jul 28	Aug 04	Aug 10	Aug 18
1998	Aug 22	Aug 29	Sep 05	Sep 15	Sep 20	Jul 20	Jul 22	Jul 27	Aug 02	Aug 08
1995-99	Aug 27	Sep 02	Sep 10	Sep 20	Sep 29	Jul 20	Jul 25	Aug 02	Aug 11	Aug 18
Sugarbeets:										
1999	Apr 22	Apr 27	Apr 30	May 09	May 26	Sep 27	Oct 02	Oct 06	Oct 10	Oct 14
1998	Apr 20	Apr 22	Apr 26	Apr 30	May 02	Sep 26	Oct 01	Oct 08	Oct 17	Oct 23
1995-99	Apr 23	Apr 29	May 07	May 20	May 27	Sep 27	Oct 04	Oct 10	Oct 17	Oct 22

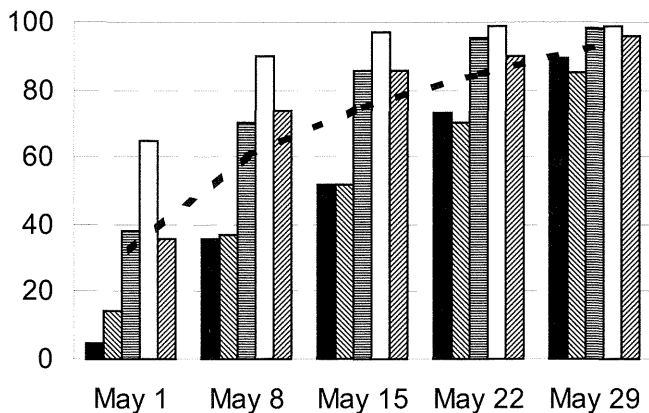
1/ First Cutting.

PLANTING & HARVESTING PROGRESS OF MINNESOTA'S MAJOR CROPS 1995-1999

PLANTING PROGRESS

CORN

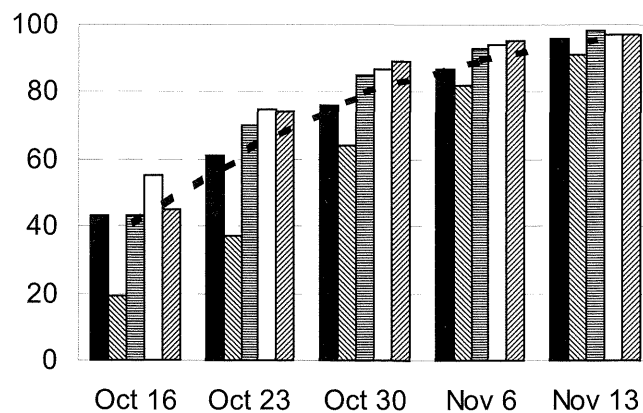
%Planted



HARVESTING PROGRESS

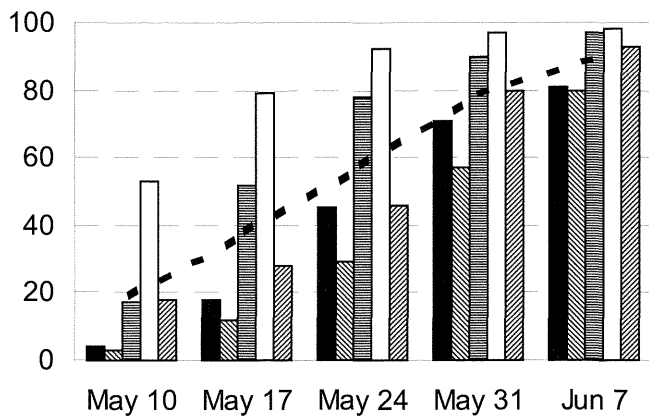
CORN

%Harvested



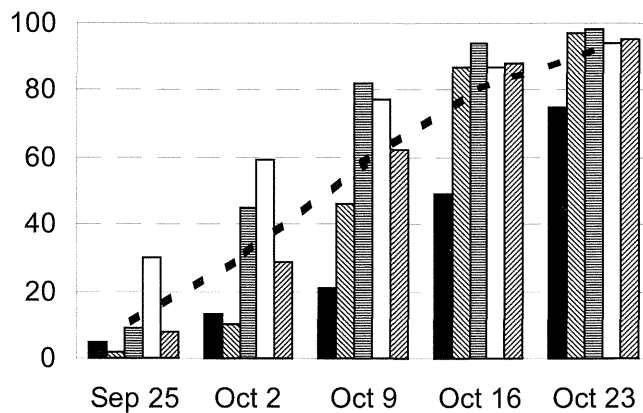
%Planted

SOYBEANS



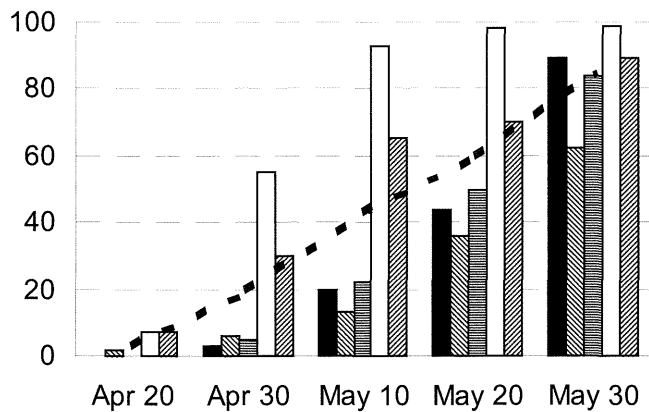
%Harvested

SOYBEANS



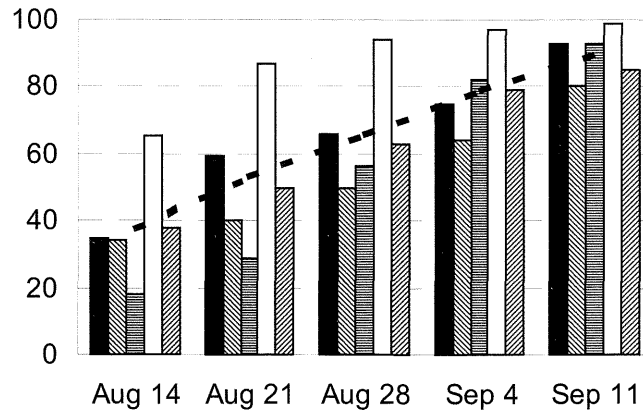
%Planted

SPRING WHEAT



%Harvested

SPRING WHEAT



1995
1997
1999

1996
1998
1995-1999

1995
1997
1999

1996
1998
1995-1999

1999 CROP SUMMARY

CORN & SOYBEAN CROP DOWN FROM 1998 RECORD HIGHS

Minnesota experienced another mild winter in 1998-99. November and December had above normal temperatures, with limited accumulation of snow. The snow quickly melted, leaving areas of standing water in many fields. The lack of snow cover allowed the ground to freeze and refreeze more frequently than usual, causing concern about winter-kill to alfalfa and other over-wintered crops. As the alfalfa and other over-wintered crops broke out of dormancy it became evident that the crops performed well, with little damage.

The spring began early in March with above normal temperatures and below normal precipitation. The frost moved quickly out of the ground, leaving dry, workable soil. The early start was welcomed by small grain producers in the southern parts of the state who were able to begin seeding by April 12th.

May was a turning point in the 1998-99 growing season. The month started with nicely dried fields and soil temperatures rising. The second week of May the rains started. The first rains were welcome, just in time to activate weed control chemicals and provide moisture to freshly seeded fields. By mid-May planting had halted as fields in many parts of the state were filled with standing water. Topsoil conditions were estimated with 63% surplus and 37% adequate. Numerous fields were reseeded, corn acreage was planted in soybeans. The rains continued into June and July. The week ending July 12th saw the 8th week out of the previous 10 weeks with above normal precipitation. The Northwest District had river flooding and standing water well into the middle of June causing many fields to sit idle for the 1999 growing season. Low spots in southern Minnesota, that had already been replanted twice, had ponding water. The time had passed for many producers to be able to plant canola, sunflowers, and flax.

The effects of the rain became evident in July as weeds became a problem in wet ground. Small grains were threatened by rust, soybeans by phytophthora root rot and iron chlorosis. Uncut hay was getting too tough and cut hay was beginning to rot.

The rains stopped in southern Minnesota in late July, leading to very short topsoil moisture. Unfortunately, the rains continued in the northern portions of the state. The north and south showed the two extremes of the state. As the north was battling further threats of disease from excessive moisture, the south was witnessing corn and soybeans scorched from limited moisture and displaying drought symptoms.

Producers in the north were frustrated during August as attempts to harvest ripe fields were curtailed by ground too

wet for the harvesting machinery. Southwestern areas of the state received their first relief of rain during the first week in September. The end of September was the first chance that producers in the northwestern portion of the state were able to begin harvesting, however harvesting of dry beans was far behind schedule.

An early snowfall the first week of October in the Southwestern and South Central Districts quickly melted away. Over one half of the sugarbeet harvest was completed during the second week of October. An early harvest for most crops was achieved that rivaled the past 2 years. Corn moisture was remarkably low at 17%, and the harvest at the end of October was one week ahead of average. As the harvest was completed, warm, dry weather in many areas across the state allowed for fall tillage and additional fieldwork to be completed before winter set in. A few counties in the northern portion of the state had surplus topsoil, while the remainder of the state was looking for precipitation to help the 1999-2000 growing season.

The following is a rundown on the production of Minnesota's major crops for 1999:

Minnesota's CORN production at 990 million bushels was down 4% from the record high set in 1998. Yield at 150.0 bushels per acre was down 3 bushels from the record high set in 1998.

SOYBEAN production at 282.9 million bushels was down 1% from the record high set in 1998. Yield was at 41.0 bushels per acre, down 1 bushel from the record high set in 1998.

SPRING WHEAT production totaled 78.0 million bushels, down 1% from the 1998 crop. Yield at 40 bushels per acre was down 1 bushel from a year earlier.

Minnesota's OAT crop at 17.7 million bushels was down 9% from a year earlier. The 1999 yield at 59.0 bushels per acre was down 4 bushels from 1998.

BARLEY production of 8.5 million bushels was down 63% from 1998 and the lowest level since 1885. Acres harvested for grain in 1999 was 180,000 acres, the lowest level since 1880.

The SUGARBEET production of 9.45 million tons was down 3% from the record high set in 1998. Yield was at 20.1 tons per acre, down 1.1 tons from the record high set in 1998.

CANOLA production totaled 130 million pounds, down 55% from the 1998 crop. Canola growers planted 110,000 acres in 1999.

CROPS: Record Highs, Minnesota and United States

Crop	Plantings		Yield Per Acre		Production	
	1,000 Acres	Year	Unit	Year	1,000 Units	Year
Corn						
Minnesota	7,700	1981	153.0 Bu.	1998	1,032,750 Bu.	1998
United States	113,024	1932	138.6 Bu.	1994	10,050,520 Bu.	1994
Soybeans						
Minnesota	7,000	1999	42.0 Bu.	1998	285,600 Bu.	1998
United States	73,780	1999	41.4 Bu.	1994	2,741,014 Bu.	1998
All Wheat						
Minnesota	1/ 6,375	1899	53.1 Bu.	1985	142,426 Bu.	1985
United States	88,251	1981	43.2 Bu.	1998	2,785,357 Bu.	1981
Spring Wheat						
Minnesota	2/		55.0 Bu.	1985	137,500 Bu.	1992
United States	2/		41.8 Bu.	1992	757,608 Bu.	1992
Barley						
Minnesota	2,380	1935	75.0 Bu.	1992	70,950 Bu.	1985
United States	19,686	1942	62.5 Bu.	1992	608,532 Bu.	1986
Oats						
Minnesota	5,466	1945	70.0 Bu.	1985, 1992	242,640 Bu.	1945
United States	47,494	1955	65.4 Bu.	1992	1,523,851 Bu.	1945
All Hay						
Minnesota	3/ 4,721	1941	3.39 Tons	1986	9,675 Tons	1986
United States	3/ 77,639	1944	2.58 Tons	1995	159,077 Tons	1999
All Potatoes						
Minnesota	3/ 486	1922	340 Cwt.	1999	26,244 Cwt.	1922
United States	3/ 3,901	1922	359 Cwt.	1999	499,254 Cwt.	1996
Dry Beans						
Minnesota	205	1999	1,710 Lbs.	1994	2,558 Cwt.	1997, 1999
United States	2,599	1943	1,770 Lbs.	1999	33,319 Cwt.	1991
Sugarbeets						
Minnesota	480	1999	21.2 Tons	1998	9,710 Tons	1998
United States	1,647	1969	22.4 Tons	1981, 1987, 1998	33,319 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/ Record not available, since planted acreage estimates started in 1924, and the record was set prior to 1924.

3/ Harvested acres.

CROPS: Stocks and Price Records, Minnesota

Crop	STOCKS: RECORD HIGHS		PRICES	
	On-Farm	Off-Farm	High Monthly Average Price since 1983	Low Monthly Average Price since 1983
	1,000 Bushels		Dollars per Bushel	
Corn	820,000 December 1, 1986	259,100 December 1, 1987	\$3.95 August 1996	\$1.29 October 1986
Soybeans	165,000 December 1, 1999	102,329 December 1, 1986	\$8.38 July 1988	\$4.00 July 1999
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, 1995-99

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
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Corn for Grain 2/

	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	6,700	6,150	119.0	731,850	3.14	2,298,009
1996	7,500	6,950	125.0	868,750	2.47	2,145,813
1997	7,000	6,450	132.0	851,400	2.15	1,830,510
1998	7,300	6,750	153.0	1,032,750	1.71	1,766,003
1999	7,100	6,600	150.0	990,000	1.70	1,683,000

Corn for Silage

	<u>1,000 Acres</u>		<u>Tons</u>	<u>1,000 Tons</u>		
1995	----	450	12.0	5,400	----	----
1996	----	475	13.0	6,175	----	----
1997	----	450	15.0	6,750	----	----
1998	----	475	16.0	7,600	----	----
1999	----	425	16.0	6,800	----	----

Soybeans

	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	5,900	5,800	40.5	234,900	6.59	1,547,991
1996	6,000	5,900	38.0	224,200	7.26	1,627,692
1997	6,600	6,550	39.0	255,450	6.20	1,583,790
1998	6,900	6,800	42.0	285,600	4.65	1,328,040
1999	7,000	6,900	41.0	282,900	4.55	1,287,195

Oats

	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	625	375	48.0	18,000	1.59	28,620
1996	320	270	56.0	15,120	1.84	27,821
1997	400	300	58.0	17,400	1.46	25,404
1998	350	310	63.0	19,530	1.02	19,921
1999	360	300	59.0	17,700	0.90	15,930

Barley

	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	610	580	50.0	29,000	2.55	73,950
1996	550	520	64.0	33,280	2.38	79,206
1997	500	460	51.0	23,460	1.88	44,105
1998	440	415	55.0	22,825	1.62	36,977
1999	200	180	47.0	8,460	1.25	10,575

Rye

	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	30	21	29.0	609	2.75	1,675
1996	25	20	24.0	480	3.10	1,488
1997	20	16	25.0	400	3.10	1,240
1998	30	27	31.0	837	1.90	1,590
1999	30	25	31.0	775	1.30	1,008

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."

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CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 1995-99 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
All Wheat						
	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	2,298	2,245	32.0	71,849	4.71	338,652
1996	2,595	2,542	41.9	106,582	4.25	453,024
1997	2,520	2,415	32.0	77,300	3.52	272,592
1998	2,015	1,982	40.6	80,444	3.09	247,509
1999	2,045	1,990	39.8	79,210	3.05	240,868
Spring Wheat (Other than Durum)						
	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	2,250	2,200	32.0	70,400	4.70	330,880
1996	2,550	2,500	42.0	105,000	4.25	446,250
1997	2,450	2,350	32.0	75,200	3.53	265,456
1998	1,950	1,920	41.0	78,720	3.09	243,245
1999	2,000	1,950	40.0	78,000	3.05	237,900
Durum Wheat						
	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	13	12	30.0	360	4.86	1,750
1996	10	10	43.0	430	4.34	1,866
1997	5	5	36.0	180	5.30	954
1998	5	5	37.0	185	3.00	555
1999	5	5	32.0	160	2.80	448
Winter Wheat						
	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	35	33	33.0	1,089	5.53	6,022
1996	35	32	36.0	1,152	4.26	4,908
1997	65	60	32.0	1,920	3.22	6,182
1998	60	57	27.0	1,539	2.41	3,709
1999	40	35	30.0	1,050	2.40	2,520
Flaxseed						
	<u>1,000 Acres</u>		<u>Bushels</u>	<u>1,000 Bushels</u>	<u>Dols. Per Bu.</u>	<u>1,000 Dols.</u>
1995	10	9	19.0	171	5.10	872
1996	4	4	15.0	60	6.40	384
1997	6	6	16.0	96	5.85	562
1998	30	27	16.0	432	4.70	2,030
1999	13	12	25.0	300	4.10	1,230
Sugarbeets						
	<u>1,000 Acres</u>		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton 2/</u>	<u>1,000 Dols. 2/</u>
1995	427	420	17.7	7,434	38.00	282,492
1996	441	438	18.2	7,971	47.10	375,434
1997	453	446	18.5	8,251	38.70	319,314
1998	473	458	21.2	9,710	35.10	340,821
1999	480	470	20.1	9,447	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, 1995-99 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
All Sunflowers						
	<u>1,000 Acres</u>		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
1995	440	433	1,052	455,430	11.80	52,496
1996	150	145	1,274	184,660	13.10	22,781
1997	105	99	1,073	106,200	12.30	12,809
1998	130	125	1,320	164,950	12.20	18,443
1999	130	120	1,360	163,250	10.30	14,945
Oil Sunflowers						
	<u>1,000 Acres</u>		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
1995	360	355	1,050	372,750	11.00	41,003
1996	100	97	1,300	126,100	11.10	13,997
1997	75	72	1,100	79,200	11.40	9,029
1998	90	87	1,350	117,450	10.00	11,745
1999	80	77	1,450	111,650	7.10	7,927
Non-Oil Sunflowers						
	<u>1,000 Acres</u>		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
1995	80	78	1,060	82,680	13.90	11,493
1996	50	48	1,220	58,560	15.00	8,784
1997	30	27	1,000	27,000	14.00	3,780
1998	40	38	1,250	47,500	14.10	6,698
1999	50	43	1,200	51,600	13.60	7,018
Canola						
	<u>1,000 Acres</u>		<u>Pounds</u>	<u>1,000 Lbs.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
1997	110	105	1,400	147,000	NA	NA
1998	210	200	1,450	290,000	NA	NA
1999	105	100	1,300	130,000	NA	NA
All Hay						
	<u>1,000 Acres</u>		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
1995	----	2,275	3.05	6,943	72.50	494,497
1996	----	2,225	2.70	5,998	81.00	526,646
1997	----	2,325	2.75	6,398	88.00	570,394
1998	----	2,400	2.96	7,110	67.00	482,040
1999	----	2,450	2.91	7,130	61.00	436,905
Alfalfa Hay						
	<u>1,000 Acres</u>		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
1995	----	1,425	3.50	4,988	81.50	406,522
1996	----	1,475	3.10	4,573	96.00	439,008
1997	----	1,475	3.30	4,868	98.00	477,064
1998	----	1,550	3.60	5,580	73.50	410,130
1999	----	1,600	3.50	5,600	67.50	378,000
All Other Hay						
	<u>1,000 Acres</u>		<u>Tons</u>	<u>1,000 Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
1995	----	850	2.30	1,955	45.00	87,975
1996	----	750	1.90	1,425	61.50	87,638
1997	----	850	1.80	1,530	61.00	93,330
1998	----	850	1.80	1,530	47.00	71,910
1999	----	850	1.80	1,530	38.50	58,905

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, 1995-99 (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						
	<u>Acres</u>		<u>Pounds</u>	<u>1,000 Cwt.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
1995	190,000	150,000	1,370	2,055	18.90	38,840
1996	160,000	155,000	1,560	2,418	23.00	55,614
1997	175,000	165,000	1,550	2,558	17.50	44,765
1998	190,000	175,000	1,450	2,538	19.60	49,745
1999	205,000	165,000	1,550	2,558	18.10	46,300
Navy						
	<u>Acres</u>		<u>Pounds</u>	<u>1,000 Cwt.</u>		
1995	76,500	61,200	1,380	845	----	----
1996	50,000	48,900	1,600	783	----	----
1997	58,000	56,000	1,650	926	----	----
1998	51,000	46,000	1,620	745	----	----
1999	80,000	64,000	1,560	998	----	----
Pinto						
	<u>Acres</u>		<u>Pounds</u>	<u>1,000 Cwt.</u>		
1995	46,900	35,000	1,240	433	----	----
1996	45,000	44,000	1,300	573	----	----
1997	43,000	41,000	1,350	555	----	----
1998	55,000	52,000	1,400	726	----	----
1999	38,000	24,000	1,430	343	----	----
Light Red Kidney						
	<u>Acres</u>		<u>Pounds</u>	<u>1,000 Cwt.</u>		
1995	7,000	6,600	1,520	100	----	----
1996	10,000	9,400	1,900	179	----	----
1997	10,000	9,500	1,720	163	----	----
1998	11,000	10,500	1,570	165	----	----
1999	11,000	10,500	1,700	178	----	----
Dark Red Kidney						
	<u>Acres</u>		<u>Pounds</u>	<u>1,000 Cwt.</u>		
1995	35,300	27,500	1,450	399	----	----
1996	37,000	36,000	1,750	630	----	----
1997	36,000	34,000	1,600	543	----	----
1998	34,000	32,000	1,410	450	----	----
1999	38,000	36,000	1,660	597	----	----
Other Dry Edible Beans						
	<u>Acres</u>		<u>Pounds</u>	<u>1,000 Cwt.</u>		
1995	24,300	19,700	1,410	278	----	----
1996	18,000	16,700	1,510	253	----	----
1997	28,000	24,500	1,510	371	----	----
1998	39,000	34,500	1,310	452	----	----
1999	38,000	30,500	1,450	442	----	----

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.

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CROPS: Acreage, Yield, Production, Price, and Value, Minnesota, 1995-99 (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

	<u>Acres</u>		<u>Tons</u>	<u>Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
1995	133,900	116,400	5.77	671,630	72.00	48,357
1996	127,500	120,100	5.99	719,400	78.00	56,113
1997	128,600	127,200	6.40	814,080	73.00	59,428
1998	131,900	129,200	6.37	822,720	71.00	58,383
1999	127,400	125,700	6.40	804,270	69.00	55,483

Green Peas for Processing

	<u>Acres</u>		<u>Tons</u>	<u>Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
1995	92,900	85,400	1.26	107,600	305.00	32,818
1996	82,900	77,500	1.59	123,230	315.00	38,817
1997	90,000	75,200	1.48	111,300	364.00	40,513
1998	88,000	72,900	1.62	118,250	334.00	39,493
1999	91,100	81,400	1.51	122,840	344.00	42,258

Onions

	<u>Acres</u>		<u>Cwt.</u>	<u>1,000 Cwt.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols. 2/</u>
1995	680	520	240	125	9.09	1,109
1996	530	520	220	114	8.00	888
1997	650	600	300	180	8.13	1,439
1998	490	470	320	150	8.00	1,176
1999	480	420	280	118	6.00	228

Carrots for Fresh Market

	<u>Acres</u>		<u>Cwt.</u>	<u>1,000 Cwt.</u>	<u>Dols. Per Cwt.</u>	<u>1,000 Dols.</u>
1995	500	400	210	84	16.60	1,394
1996	900	540	230	124	12.50	1,550
1997	1,100	1,000	400	400	8.60	3,440
1998	600	550	370	204	11.00	2,244
1999 3/						

Carrots for Processing

	<u>Acres</u>		<u>Tons</u>	<u>Tons</u>	<u>Dols. Per Ton</u>	<u>1,000 Dols.</u>
1995	1,300	1,100	14.81	16,290	74.00	1,205
1996	1,100	860	17.27	14,850	106.00	1,574
1997	1,100	1,000	20.43	20,430	81.00	1,655
1998	1,100	1,000	18.40	18,400	65.00	1,196
1999	1,100	1,000	18.00	18,000	65.00	1,170

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

			<u>Mil. Lbs.</u>	<u>Cents Per Lb.</u>	<u>1,000 Dols.</u>
1995	----	----	18.8	40.3	7,580
1996	----	----	18.8	46.0	8,644
1997	----	----	17.5	44.3	7,757
1998	----	----	18.7	44.4	8,304
1999	----	----	19.3	41.3	7,965

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

2/ Value computed on marketed production.

3/ Minnesota published estimates were discontinued beginning in 1999.

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CROPS: Acreage, Yield, Production, Price and Value, Minnesota, 1995-99 (continued)

Crop Year	Acreage Planted	Acreage Harvested	Yield Per Harvested Acre	Production	Marketing Year Average Price 1/	Farm Value of Production
All Potatoes						
	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 Cwt.</u>	<u>Dols. Per Cwt.</u>		<u>1,000 Dols.</u>
1995	83,000	77,000	270	20,790	5.25	109,148
1996	85,000	82,000	300	24,600	4.65	114,390
1997	77,000	73,000	280	20,440	5.55	113,442
1998	82,000	73,000	290	21,170	5.10	107,967
1999	70,000	53,000	340	18,020	6.50	117,130

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, 1995-2000

Marketing Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1
	<u>1,000 Cwt.</u>					
1995/96	13,500	11,700	10,200	8,700	6,800	4,500
1996/97	16,500	14,900	13,200	11,000	8,500	5,500
1997/98	13,500	12,000	10,500	8,800	6,800	4,500
1998/99	13,500	12,000	10,500	8,900	6,700	4,300
1999/00	10,000	8,500	7,100	6,200	4,700	2,800

GRAIN STORAGE: Capacity by Storage Position on December 1, Minnesota, 1993-99

Year	Off Farm 1/		On Farm Capacity	Total Capacity
	Facilities	Capacity		
	<u>Number</u>		<u>1,000 Bushels</u>	
1993	716	489,860	1,325,000	1,814,860
1994	705	484,160	1,300,000	1,784,160
1995	705	488,500	1,250,000	1,738,500
1996	700	482,300	1,200,000	1,682,300
1997	692	482,890	1,200,000	1,682,890
1998	676	479,460	1,180,000	1,659,460
1999	656	495,500	1,200,000	1,695,500

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

OBJECTIVE YIELD: Corn, Soybeans, and Spring Wheat, Minnesota, 1995-99

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	1995	1996	1997	1998	1999
	<u>Number of Plants</u>				
September	26,400	26,500	26,300	27,750	26,750
November	26,350	26,600	26,600	27,650	26,800

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

Year	Number of Samples	Row Width (Inches) 2/					Average Row Width
		20.6-30.5 3/	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>
1995	163	64.4	12.2	6.8	14.1	2.5	31.3
1996	165	60.6	13.9	13.9	7.9	3.7	31.8
1997	167	58.6	17.4	10.2	11.4	1.8	31.4
1998	169	62.0	17.2	10.1	7.7	2.4	31.1
1999	162	63.5	19.8	4.3	9.3	3.1	30.6

SOYBEANS: Pods with Beans per 18 Square Feet 1/

Month	1995	1996	1997	1998	1999
	<u>Number of Pods</u>				
September	1,613	1,543	1,585	1,598	1,612
November	1,501	1,487	1,506	1,450	1,563
Final	1,501	1,487	1,506	1,442	1,565

SOYBEANS: Percentage Distributions by Row Width and Average Row Width

Year	Number of Samples	Row Width (Inches) 2/					Average Row Width 4/
		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>
1995	98	25.0	14.3	9.7	46.4	4.6	21.6
1996	101	30.8	11.9	10.5	38.8	8.0	21.0
1997	97	27.8	28.9	5.1	36.1	2.1	18.8
1998	105	17.6	21.0	15.7	43.8	1.9	22.0
1999	100	22.1	26.1	12.1	33.7	6.0	20.4

SPRING WHEAT: Heads per Square Foot 5/

Month	1995	1996	1997	1998	1999
	<u>Number of Heads</u>				
September	45.6	41.6	47.7	45.8	49.0
Final	45.6	41.6	47.8	45.8	49.4

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

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

3/ For 1995 this column of data contains information for 30.5 inches or less.

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

5/ Based on the number of heads counted in plots selected for the objective yield survey.

FLOWERS AND FOLIAGE PLANTS - 1999

The 1999 wholesale value of sales by commercial flower and foliage producers in Minnesota is estimated at \$70,081,000 compared with \$65,672,000 in 1998. These values were obtained from the wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. A commercial operation is defined as having \$10,000 or more in annual gross sales of floriculture crops.

The total wholesale value of floriculture crops grown by operations exceeding the \$100,000 sales level reached \$61,996,000 in 1999, a 7% increase over the \$57,977,000 for 1998. Of the total wholesale value, cut flowers totaled \$6,959,000 in 1999, up 8% from the previous year. The wholesale value of potted flowering plants was \$13,198,000, up from \$11,880,000 in 1998. Sales of foliage plants for indoor and patio use totaled \$1,298,000, up slightly from the previous year. Total bedding and garden plant sales were up 6% to \$40,540,000.

FLORICULTURE: Flowering, Bedding, and Foliage Plants, Minnesota, 1998-99 1/

Item	Producers		Total Quantity Sold				2000 as a Percent of 1999
	1998	1999	Units	1998	1999	Intended 2000	
	Number			1,000 Units			Percent
<u>Potted Flowering Plants:</u>							
Chrysanthemums	17	16	Pots	273	278	280	100
Cyclamens	19	18	Pots	172	170	176	104
Finished Florist Azaleas	18	17	Pots	175	188	194	103
Kalanchoes	6	5	Pots	76	82	103	126
Easter Lilies	27	24	Pots	294	238	199	84
Poinsettias	48	50	Pots	1,017	1,081	1,102	102
Other Flowering Plants	24	19	Pots	456	475	494	104
<u>Bedding Garden Plants:</u>							
Hardy/Garden Chrysanthemums	62	64	Pots	779	770	774	101
Geraniums (Cuttings)	84	83	Pots	1,966	1,860	1,829	98
Impatiens	38	37	Pots	118	105	103	98
New Guinea Impatiens	78	75	Pots	465	444	449	101
Petunias	39	44	Pots	109	127	135	106
Other Potted Flowering and Foliage Type	79	82	Pots	4,068	4,442	4,541	102
Vegetable Type	49	52	Pots	681	619	601	97
Geraniums	25	29	Flats	55	67	65	97
Impatiens	77	73	Flats	265	264	265	100
New Guinea Impatiens	14	18	Flats	15	17	18	106
Petunias	79	75	Flats	268	264	269	102
Other Flowering and Foliage Type	83	78	Flats	1,118	1,074	1,070	100
Vegetable Type	65	65	Flats	122	120	122	102
<u>Foliage For Indoor Or Patio:</u>							
Geraniums Hanging Baskets	80	83	Baskets	223	267	271	101
Impatiens Hanging Baskets	74	76	Baskets	126	125	129	103
New Guinea Impatiens Hanging	68	68	Baskets	113	133	133	100
Petunias Hanging Baskets	65	69	Baskets	49	70	73	104
Foliage Hanging Baskets	14	18	Baskets	110	108	112	104
Other Flowering Hanging Baskets	78	82	Baskets	355	393	397	101

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

FLORICULTURE: Cut Flowers and Potted Foliage, Minnesota, 1998-99 1/

Item	Producers		Area For Production				2000 as a Percent of 1999
	1998	1999	1998	1999	Intended 2000		
	Number			1,000 Square Feet			Percent
Other Cut Flowers	15	13	1,109	1,090	1,092		100
Potted Foliage	13	12	141	135	137		101

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

1999 CORN CHEMICAL USAGE

Nitrogen was applied to 98% of the total 1999 corn acreage in the 15 states surveyed. All of the major producing states had at least 92% or more of the acreage treated. Growers used an average of 1.7 applications per acre applying 77 pounds per treatment. In the states surveyed, 82% of the planted corn acreage received phosphates. Potash fertilizer was applied to 67% of the corn acreage.

Herbicides were applied to 98% of the 15 state total corn acreage in 1999, while insecticides were used on 30% of the acreage. Atrazine was the most used herbicide with 70% of the reported acreage being treated. Atrazine was applied at a rate of 1.02 pound per acre on the average. Metolachlor and Acetochlor were the next two most widely used herbicides, and they were applied to 29% and 27% of the acreage, respectively. Chlorpyrifos was the most used insecticide, applied to 5% of the acreage.

CORN: Acreage, Percent Receiving Chemicals, Number of Applications, Rates per Application, Selected States, 1999

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
IA	12,100	98	1.4	87	75	1.0	61	75	1.0	77	99	25
MN	7,100	92	1.5	71	90	1.0	46	86	1.0	50	98	11
SD	3,600	98	1.5	60	88	1.1	37	49	1.0	24	95	18
WI	3,600	98	1.6	51	82	1.0	34	91	1.0	51	96	31
TOTAL 2/	68,300	98	1.7	77	82	1.0	50	67	1.0	74	98	30

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

2/ Refers to 15 major corn states including: CO, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, OH, SD, TX, and WI.

CORN: Frequency and Extent of Chemical Usage by Active Ingredient, Minnesota, 1999 1/

Active Ingredient	Area Applied 1/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Pounds	Pounds	1,000 Pounds
HERBICIDES:					
2,4-D	11	1.4	0.43	0.61	481
Acetochlor	32	1.0	1.61	1.61	3,614
Alachlor	2	1.0	1.71	1.71	265
Atrazine	24	1.0	0.61	0.61	1,017
Bromoxynil	6	1.0	0.24	0.24	103
Clopyralid	28	1.0	0.08	0.08	163
Dicamba	27	1.0	0.27	0.27	520
Dimethenamid	18	1.0	1.35	1.35	1,706
Glyphosate	7	1.0	0.70	0.70	337
Metolachlor	10	1.0	2.31	2.31	1,564
INSECTICIDES:					
Tefluthrin	7	1.0	0.11	0.11	50

1/ Planted areas in 1999 for Minnesota were 7.10 million acres.

1999 SOYBEAN CHEMICAL USAGE

Nitrogen was applied to 18% of the total 1999 soybean acreage in the 17 states surveyed. Growers in the 17 states applied an average of 1.0 treatments per acre and used an average of 20 pounds per treatment. In the states surveyed, 26% of the soybean acreage received phosphate fertilizer. Potash fertilizer was applied to 28% of the soybean acreage.

Herbicides were applied to 96% of the total soybean acreage in the 17 states surveyed. Glyphosate was applied to 62% of the acreage, with Imazethapyr and Trifluralin applied to 16% and 14% of the acreage, respectively. Growers in the surveyed states applied insecticide to only 2 percent of the total soybean acres planted. With the exception of insecticide applications in Arkansas, Illinois, Kansas, Louisiana, Mississippi, North Carolina, Ohio, Pennsylvania, and Tennessee, there were too few reports to publish individual state data for the insecticides. Growers reported few fungicide or other chemical applications.

SOYBEAN: Acreage, Percent Receiving Chemicals, Number of Applications, Rates per Application, Selected States, 1999

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/
		Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
IL 2/	1,000 Acres	7	1.1	18	14	1.0	45	28	1.0	102	96	*
IN 2/	5,600	28	1.0	21	36	1.0	52	36	1.0	107	89	
IA 2/	10,800	7	1.1	27	17	1.0	55	22	1.0	72	99	
MN 2/	7,000	13	1.0	20	13	1.0	33	13	1.0	58	97	
TOTAL 3/	67,840	18	1.0	20	26	1.0	46	28	1.0	78	96	2

* Amount represents less than 1 percent.

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

2/ Insufficient reports to publish data for insecticides.

3/ Refers to 17 major soybean states including: AR, IL, IN, IA, KS, KY, LA, MI, MN, MS, MO, NE, NC, OH, PA, SD, and TN.

SOYBEANS: Frequency and Extent of Chemical Usage by Active Ingredient, Minnesota, 1999 1/

Active Ingredient	Area Applied 2/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Pounds	Pounds	1,000 Pounds
HERBICIDES:					
Bentazon	7	1.0	0.47	0.47	227
Fenoxaprop	12	1.0	0.12	0.12	97
Fluazifop-P-butyl	12	1.0	0.04	0.04	35
Fomesafen	9	1.0	0.20	0.20	130
Glyphosate	48	1.3	0.62	0.81	2,721
Imazamox	14	1.0	0.03	0.03	32
Imazethapyr	26	1.0	0.04	0.04	67
Lactofen	4	1.0	0.07	0.07	21
Metribuzin	1	1.0	0.19	0.19	15
Pendimethalin	10	1.0	1.31	1.34	949
Sethoxydim	2	1.0	0.26	0.26	28
Thifensulfuron	5	1.0	0.001	0.001	**
Trifluralin	29	1.0	0.78	0.78	1,570

** Total applied is less than 1,000 lbs.

1/ Planted acres in 1999 for Minnesota were 7.00 million acres.

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

1999 FALL POTATOES CHEMICAL USAGE

The 11 survey states totaled 11.1 million planted acres in 1999. Nitrogen was applied to 100% of the total 1999 fall potato acreage in the eleven states surveyed except Colorado, Minnesota, North Dakota, and Pennsylvania. Growers averaged 3.8 applications per acre applying 57 pounds per treatment. In the states surveyed, 98% of the planted fall potato acreage received phosphates. Potash fertilizer was applied to 88% of the fall potato acreage.

Herbicides were applied to 93% of the total fall potato acreage in the eleven states in 1999. Metribuzin was applied to 73% of the acreage, with EPTC applied to 26% of the acres. Insecticide applications were reported on 93% of the total fall potato planted acreage, while fungicide applications were reported on 95%.

FALL POTATOES: Acreage, Percent Receiving Chemicals, Number of Applications, Rates per Application, Major States, 1999

State	Area Planted	Nitrogen			Phosphate			Potash			Herbicide	Insecticide
		Area Applied 1/	Applications	Rate per Application	Area Applied 1/	Applications	Rate per Application	Area Applied 1/	Applications	Rate per Application	Area Applied 1/	Area Applied 1/
	1,000 Acres	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Number	Pounds	Percent	Percent
MN	70	99	2.1	53	91	1.1	74	91	1.2	126	86	91
ND	121	99	3.4	37	98	1.2	75	83	1.2	73	83	95
WI	86	100	4.4	54	100	1.5	90	99	2.5	95	98	100
TOTAL 2/	1,108	100	3.8	57	98	1.7	101	88	1.5	108	93	93

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

2/ Refers to 11 major fall potatoes states including: CO, ID, IN, ME, MI, MN, ND, OR, PA, WA, and WI.

FALL POTATOES: Frequency and Extent of Usage by Active Ingredient, Minnesota, 1999

Active Ingredient	Area Applied 1/	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Pounds	Pounds	1,000 Pounds
HERBICIDES:					
Metolachlor	21	1.0	1.99	1.99	29
Metribuzin	39	1.0	0.41	0.43	12
Pendimethalin	16	1.0	0.88	0.88	10
Sethoxydim	4	1.0	0.28	0.28	1
FUNGICIDE					
Chlorothalonil	61	4.2	0.97	4.12	176
Mancozeb	66	5.1	1.28	6.53	300
Metriam	14	2.6	1.58	4.12	39

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

**CORN: Acreage Planted for All Purposes, Harvested for Grain,
Yield, and Production, by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Bushels		Bushels	
Becker	24,300	19,400	12,500	9,400	90.0	108.0	1,125,000	1,015,200
Clay	46,900	40,000	42,200	35,700	108.0	120.0	4,557,600	4,284,000
Clearwater	5,100	3,300	2,600	1,500	107.0	97.0	278,200	145,500
Kittson	8,100	8,000	6,100	6,100	95.0	75.0	579,500	457,500
Mahnomen	10,800	9,400	6,900	5,700	119.0	102.0	821,100	581,400
Marshall	12,100	8,600	9,400	4,300	89.0	72.0	836,600	309,600
Norman	26,000	22,900	23,000	18,600	96.0	114.0	2,208,000	2,120,400
Pennington	7,000	2,300	6,200	1,600	100.0	95.0	620,000	152,000
Polk	46,900	33,800	43,600	30,500	104.0	110.0	4,534,400	3,355,000
Red Lake	11,500	5,500	10,200	3,500	106.0	99.0	1,081,200	346,500
Roseau	10,800	6,000	3,500	1,100	96.0	62.0	336,000	68,200
Northwest	209,500	159,200	166,200	118,000	102.2	108.8	16,977,600	12,835,300
Beltrami	4,800	3,600	600	100	99.0	90.0	59,400	9,000
Cass	10,100	9,100	3,000	1,700	90.0	116.0	270,000	197,200
Hubbard	12,900	13,500	9,300	9,500	134.0	145.0	1,246,200	1,377,500
Itasca	1,900	--	300	--	92.0	--	27,600	--
Other Counties	800	1,200	200	100	98.5	107.0	19,700	10,700
North Central	30,500	27,400	13,400	11,400	121.1	139.9	1,622,900	1,594,400
Other Counties	600	400	300	100	97.0	85.0	29,100	8,500
Northeast	600	400	300	100	97.0	85.0	29,100	8,500
Big Stone	76,100	71,600	72,800	69,900	140.0	139.0	10,192,000	9,716,100
Chippewa	138,400	143,800	136,000	141,700	157.0	166.0	21,352,000	23,522,200
Douglas	51,600	51,100	40,300	37,500	129.0	131.0	5,198,700	4,912,500
Grant	59,900	59,300	57,700	54,500	152.0	147.0	8,770,400	8,011,500
Lac Qui Parle	158,300	155,800	154,800	152,100	145.0	142.0	22,446,000	21,598,200
Otter Tail	157,000	142,100	119,000	116,800	127.0	138.0	15,113,000	16,118,400
Pope	95,000	92,200	87,300	84,000	155.0	151.0	13,531,500	12,684,000
Stevens	130,900	126,800	127,000	124,200	159.0	153.0	20,193,000	19,002,600
Swift	161,900	156,800	158,100	151,900	152.0	154.0	24,031,200	23,392,600
Traverse	81,300	84,200	79,200	82,600	147.0	153.0	11,642,400	12,637,800
Wilkin	42,600	39,800	40,900	38,600	119.0	133.0	4,867,100	5,133,800
Yellow Medicine	184,800	179,000	177,900	175,200	146.0	148.0	25,973,400	25,929,600
West Central	1,337,800	1,302,500	1,251,000	1,229,000	146.5	148.6	183,310,700	182,659,300
Benton	63,900	63,500	51,300	51,500	133.0	130.0	6,822,900	6,695,000
Carver	59,500	59,000	49,500	52,600	170.0	161.0	8,415,000	8,468,600
Kandiyohi	145,100	141,100	137,900	134,400	162.0	162.0	22,339,800	21,772,800
McLeod	90,100	99,400	84,700	96,300	162.0	165.0	13,721,400	15,889,500
Meeker	114,100	112,100	102,900	104,100	141.0	147.0	14,508,900	15,302,700
Morrison	99,400	98,400	72,400	74,100	111.0	127.0	8,036,400	9,410,700
Renville	242,200	239,900	238,500	236,800	164.0	172.0	39,114,000	40,729,600
Scott	40,100	39,900	36,600	36,600	151.0	154.0	5,526,600	5,636,400
Sherburne	32,000	30,900	30,200	29,600	123.0	126.0	3,714,600	3,729,600
Sibley	128,200	127,000	123,000	120,300	167.0	170.0	20,541,000	20,451,000
Stearns	212,100	206,700	164,200	152,300	143.0	135.0	23,480,600	20,560,500
Todd	78,000	70,300	48,500	47,700	105.0	110.0	5,092,500	5,247,000
Wadena	24,100	22,400	12,300	14,800	107.0	111.0	1,316,100	1,642,800
Wright	80,000	78,100	70,400	67,700	145.0	140.0	10,208,000	9,478,000
Central	1,408,800	1,388,700	1,222,400	1,218,800	149.6	151.8	182,837,800	185,014,200

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties. 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, 1998-99 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Bushels		Bushels	
Aitkin	--	1,200	--	200	--	100.0	--	20,000
Anoka	17,900	9,600	16,500	8,800	116.0	105.0	1,914,000	924,000
Carlton	2,100	--	400	--	116.0	--	46,400	--
Chisago	33,200	26,700	30,300	22,900	130.0	118.0	3,939,000	2,702,200
Crow Wing	10,900	8,900	8,000	4,900	92.0	100.0	736,000	490,000
Hennepin	13,200	18,600	12,300	17,600	146.0	132.0	1,795,800	2,323,200
Isanti	45,100	35,300	42,200	34,000	126.0	118.0	5,317,200	4,012,000
Kanabec	18,400	17,500	14,700	14,100	121.0	117.0	1,778,700	1,649,700
Mille Lacs	30,400	26,400	23,100	20,300	133.0	115.0	3,072,300	2,334,500
Pine	23,700	20,900	13,000	13,400	117.0	108.0	1,521,000	1,447,200
Washington	24,000	22,800	23,000	22,000	163.0	135.0	3,749,000	2,970,000
Other Counties	1,700	800	400	200	105.3	114.0	42,100	22,800
East Central	220,600	188,700	183,900	158,400	130.0	119.3	23,911,500	18,895,600
Cottonwood	174,800	175,800	171,400	172,400	161.0	153.0	27,595,400	26,377,200
Jackson	187,200	182,100	185,100	179,800	159.0	148.0	29,430,900	26,610,400
Lincoln	90,700	90,400	83,800	85,500	145.0	131.0	12,151,000	11,200,500
Lyon	180,300	176,400	175,200	169,000	150.0	144.0	26,280,000	24,336,000
Murray	179,500	176,500	173,200	169,800	153.0	149.0	26,499,600	25,300,200
Nobles	198,000	198,600	193,900	191,200	156.0	143.0	30,248,400	27,341,600
Pipestone	108,400	93,300	95,500	88,300	149.0	135.0	14,229,500	11,920,500
Redwood	232,600	233,600	224,700	228,900	152.0	163.0	34,154,400	37,310,700
Rock	132,400	125,800	128,200	119,800	150.0	153.0	19,230,000	18,329,400
Southwest	1,483,900	1,452,500	1,431,000	1,404,700	153.6	148.6	219,819,200	208,726,500
Blue Earth	180,100	179,600	177,900	177,500	165.0	157.0	29,353,500	27,867,500
Brown	148,400	149,400	140,700	142,900	151.0	162.0	21,245,700	23,149,800
Faribault	206,000	200,700	202,700	195,700	160.0	149.0	32,432,000	29,159,300
Freeborn	184,300	182,400	180,500	177,600	157.0	143.0	28,338,500	25,396,800
Le Sueur	88,400	90,000	84,400	86,300	154.0	150.0	12,997,600	12,945,000
Martin	215,800	217,600	213,300	213,000	164.0	154.0	34,981,200	32,802,000
Nicollet	111,400	113,200	107,200	109,500	163.0	164.0	17,473,600	17,958,000
Rice	91,000	85,200	82,100	81,100	156.0	154.0	12,807,600	12,489,400
Steele	108,500	106,600	105,300	103,400	171.0	143.0	18,006,300	14,786,200
Waseca	120,200	118,300	118,400	115,400	165.0	154.0	19,536,000	17,771,600
Watonwan	126,800	123,900	125,100	122,300	156.0	161.0	19,515,600	19,690,300
South Central	1,580,900	1,566,900	1,537,600	1,524,700	160.4	153.5	246,687,600	234,015,900
Dakota	92,300	90,000	87,200	85,800	164.0	154.0	14,300,800	13,213,200
Dodge	106,600	106,300	103,900	101,300	171.0	159.0	17,766,900	16,106,700
Fillmore	158,400	157,500	145,300	143,100	167.0	157.0	24,265,100	22,466,700
Goodhue	138,000	139,800	123,200	127,000	168.0	156.0	20,697,600	19,812,000
Houston	72,300	68,900	63,600	61,200	162.0	155.0	10,303,200	9,486,000
Mower	183,000	175,300	178,500	170,000	163.0	151.0	29,095,500	25,670,000
Olmsted	109,400	109,700	100,500	103,200	169.0	155.0	16,984,500	15,996,000
Wabasha	82,500	81,300	71,900	72,400	170.0	163.0	12,223,000	11,801,200
Winona	84,900	84,900	70,100	70,900	170.0	165.0	11,917,000	11,698,500
Southeast	1,027,400	1,013,700	944,200	934,900	166.9	156.4	157,553,600	146,250,300
Minnesota	7,300,000	7,100,000	6,750,000	6,600,000	153.0	150.0	1,032,750,000	990,000,000

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CORN FOR SILAGE: Acreage Harvested, Yield, and Production, by County and District, Minnesota, 1998-99

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Becker	11,600	9,600	9.2	13.5	106,700	129,600
Clay	3,400	3,300	12.0	13.2	40,800	43,500
Clearwater	2,300	1,700	12.1	11.8	27,800	20,100
Kittson	1,900	1,700	10.7	10.1	20,300	17,200
Mahnomen	3,700	3,600	13.7	12.8	50,700	46,100
Marshall	1,700	3,500	10.4	7.5	17,700	26,200
Norman	2,500	4,000	10.3	11.1	25,800	44,400
Pennington	500	600	11.6	8.7	5,800	5,200
Polk	2,900	2,500	10.5	11.2	30,400	28,000
Red Lake	1,100	1,700	11.0	11.1	12,100	18,900
Roseau	6,600	4,600	11.7	6.9	77,200	31,700
Northwest	38,200	36,800	10.9	11.2	415,300	410,900
Beltrami	4,000	3,300	11.0	10.1	44,000	33,300
Cass	6,800	7,100	10.8	14.7	73,400	104,400
Hubbard	3,400	3,600	7.5	10.1	25,500	36,400
Itasca	1,500	--	10.5	--	15,700	--
Other Counties	600	1,000	10.7	12.8	6,400	12,800
North Central	16,300	15,000	10.1	12.5	165,000	186,900
Other Counties	300	300	11.0	11.0	3,300	3,300
Northeast	300	300	11.0	11.0	3,300	3,300
Big Stone	2,700	1,300	12.3	13.1	33,200	17,000
Chippewa	1,500	1,000	15.4	16.5	23,100	16,500
Douglas	10,600	13,100	13.8	14.0	146,300	183,400
Grant	1,700	4,400	15.6	14.3	26,500	62,900
Lac Qui Parle	2,100	2,100	16.4	17.0	34,400	35,600
Otter Tail	36,200	23,500	12.3	13.9	445,300	326,600
Pope	6,100	7,500	16.0	15.8	97,600	118,500
Stevens	3,000	1,800	19.7	17.9	59,100	32,200
Swift	2,800	1,800	15.9	18.0	44,500	32,400
Traverse	1,600	1,000	15.8	16.5	25,300	16,500
Wilkin	1,200	1,000	11.8	12.9	14,200	12,900
Yellow Medicine	5,800	2,800	17.4	17.7	100,900	49,500
West Central	75,300	61,300	13.9	14.7	1,050,400	904,000
Benton	12,200	11,600	16.4	15.7	200,100	182,100
Carver	9,500	6,000	21.4	19.3	203,300	115,800
Kandiyohi	5,800	5,400	16.3	15.5	94,500	83,700
McLeod	3,000	2,200	18.5	19.5	55,500	42,900
Meeker	10,200	7,100	17.6	17.9	179,500	127,100
Morrison	26,000	23,400	15.3	15.8	397,800	369,700
Renville	1,800	1,300	19.6	19.5	35,300	25,300
Scott	3,100	3,000	19.1	17.3	59,200	51,900
Sherburne	1,600	1,100	14.4	15.4	23,000	16,900
Sibley	4,400	5,800	17.1	18.7	75,200	108,400
Stearns	45,800	51,700	16.8	15.7	769,500	811,700
Todd	27,500	21,000	12.2	14.6	335,500	306,600
Wadena	11,000	7,300	9.4	14.2	103,400	103,600
Wright	8,900	9,500	20.2	17.3	179,800	164,300
Central	170,800	156,400	15.9	16.0	2,711,600	2,510,000

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**CORN FOR SILAGE: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Aitkin	--	800	--.-	11.3	--	9,000
Anoka	900	700	15.6	14.1	14,000	9,900
Carlton	1,600	--	13.6	--.-	21,800	--
Chisago	2,600	3,300	16.6	15.6	43,200	51,500
Crow Wing	2,800	3,700	11.4	11.7	31,900	43,300
Hennepin	800	800	15.3	16.1	12,200	12,900
Isanti	1,200	1,000	13.0	13.7	15,600	13,700
Kanabec	3,400	3,200	13.8	12.1	46,900	38,700
Mille Lacs	7,000	5,600	17.8	17.5	124,600	98,000
Pine	10,600	7,100	14.5	13.8	153,700	98,000
Washington	800	600	13.8	12.8	11,000	7,700
Other Counties	1,200	500	10.7	11.2	12,800	5,600
<u>East Central</u>	32,900	27,300	14.8	14.2	487,700	388,300
Cottonwood	2,400	2,200	18.8	17.9	45,100	39,400
Jackson	1,000	1,000	16.6	17.6	16,600	17,600
Lincoln	6,400	4,000	17.4	16.6	111,400	66,400
Lyon	4,000	6,000	14.6	13.8	58,400	82,800
Murray	5,000	5,500	16.7	16.4	83,500	90,200
Nobles	3,000	6,100	17.2	19.7	51,600	120,200
Pipestone	11,300	4,200	17.2	16.3	194,400	68,400
Redwood	2,800	3,200	16.5	17.3	46,200	55,300
Rock	3,400	4,700	17.3	19.4	58,800	91,200
<u>Southwest</u>	39,300	36,900	16.9	17.1	666,000	631,500
Blue Earth	1,000	800	21.8	18.6	21,800	14,900
Brown	6,400	5,300	18.2	20.1	116,500	106,500
Faribault	900	1,800	21.3	18.7	19,200	33,600
Freeborn	2,200	1,500	17.0	15.6	37,400	23,400
Le Sueur	3,300	2,900	21.6	20.4	71,300	59,100
Martin	1,000	1,500	19.8	18.9	19,800	28,300
Nicollet	2,900	2,800	19.3	21.2	56,000	59,300
Rice	7,800	3,400	22.8	19.4	177,800	65,900
Steele	2,500	2,100	20.3	20.1	50,700	42,200
Waseca	1,000	1,800	20.3	19.4	20,300	34,900
Watonwan	800	600	21.8	17.8	17,400	10,700
<u>South Central</u>	29,800	24,500	20.4	19.5	608,200	478,800
Dakota	3,500	3,300	20.9	20.3	73,200	67,000
Dodge	2,000	3,400	18.1	18.0	36,200	61,200
Fillmore	11,000	12,600	19.7	19.7	216,700	248,200
Goodhue	13,700	11,000	20.9	20.0	286,300	220,000
Houston	7,900	7,100	19.2	17.5	151,700	124,200
Mower	2,600	2,800	17.8	19.0	46,300	53,200
Olmsted	8,100	5,600	18.8	18.5	152,300	103,600
Wabasha	9,200	7,800	20.5	18.7	188,600	145,800
Winona	14,100	12,900	24.2	20.4	341,200	263,100
<u>Southeast</u>	72,100	66,500	20.7	19.3	1,492,500	1,286,300
<u>Minnesota</u>	475,000	425,000	16.0	16.0	7,600,000	6,800,000

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**SOYBEANS: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Bushels		Bushels	
Becker	62,700	59,700	61,000	59,000	28.0	27.0	1,708,000	1,593,000
Clay	113,600	131,000	109,500	124,100	31.0	34.0	3,394,500	4,219,400
Clearwater	2,900	2,300	2,800	2,200	28.0	28.0	78,400	61,600
Kittson	35,800	26,700	34,400	26,100	29.0	33.0	997,600	861,300
Mahnomen	37,900	39,900	37,100	39,100	34.0	27.0	1,261,400	1,055,700
Marshall	88,300	60,000	81,600	55,200	29.0	22.0	2,366,400	1,214,400
Norman	126,300	126,500	122,700	125,000	31.0	29.0	3,803,700	3,625,000
Pennington	37,200	18,000	36,200	17,500	24.0	25.0	868,800	437,500
Polk	196,000	186,000	194,000	182,300	31.0	29.0	6,014,000	5,286,700
Red Lake	41,300	47,300	40,800	46,200	28.0	25.0	1,142,400	1,155,000
Roseau	7,600	2,400	7,100	2,000	25.0	24.0	177,500	48,000
Northwest	749,600	699,800	727,200	678,700	30.0	28.8	21,812,700	19,557,600
Big Stone	107,300	118,500	106,200	117,100	37.0	38.0	3,929,400	4,449,800
Chippewa	133,000	136,000	131,800	135,000	44.0	44.0	5,799,200	5,940,000
Douglas	55,400	60,900	54,700	60,300	35.0	40.0	1,914,500	2,412,000
Grant	123,900	117,800	122,300	115,000	36.0	40.0	4,402,800	4,600,000
Lac Qui Parle	182,200	186,100	180,200	184,300	40.0	39.0	7,208,000	7,187,700
Otter Tail	103,200	103,200	101,300	101,000	31.0	40.0	3,140,300	4,040,000
Pope	82,900	88,500	81,200	86,800	39.0	42.0	3,166,800	3,645,600
Stevens	136,200	139,500	133,700	138,000	40.0	40.0	5,348,000	5,520,000
Swift	161,100	162,500	159,400	159,300	39.0	40.0	6,216,600	6,372,000
Traverse	136,000	140,200	134,700	138,800	37.0	39.0	4,983,900	5,413,200
Wilkin	135,600	133,900	131,800	131,200	30.0	38.0	3,954,000	4,985,600
Yellow Medicine	184,400	191,800	182,800	190,000	41.0	42.0	7,494,800	7,980,000
West Central	1,541,200	1,578,900	1,520,100	1,556,800	37.9	40.2	57,558,300	62,545,900
Benton	17,900	19,700	17,700	19,500	37.0	39.0	654,900	760,500
Carver	38,600	41,700	38,200	41,300	51.0	49.0	1,948,200	2,023,700
Kandiyohi	118,200	120,300	117,000	119,100	45.0	45.0	5,265,000	5,359,500
McLeod	92,400	96,300	91,200	95,400	47.0	47.0	4,286,400	4,483,800
Meeker	111,000	116,900	109,700	115,800	39.0	42.0	4,278,300	4,863,600
Morrison	8,800	12,000	8,400	11,600	26.0	39.0	218,400	452,400
Renville	243,100	246,600	240,200	244,200	45.0	46.0	10,809,000	11,233,200
Scott	32,500	35,000	31,700	34,300	42.0	42.0	1,331,400	1,440,600
Sherburne	14,300	12,800	14,200	11,400	31.0	36.0	440,200	410,400
Sibley	123,300	132,000	122,000	130,700	47.0	47.0	5,734,000	6,142,900
Stearns	77,200	89,600	75,900	88,300	43.0	41.0	3,263,700	3,620,300
Todd	19,800	21,900	19,600	21,700	28.0	38.0	548,800	824,600
Wadena	1,100	1,900	1,100	1,900	28.0	35.0	30,800	66,500
Wright	67,600	71,800	66,900	71,100	44.0	42.0	2,943,600	2,986,200
Central	965,800	1,018,500	953,800	1,006,300	43.8	44.4	41,752,700	44,668,200
Anoka	14,200	4,800	14,000	4,700	31.0	36.0	434,000	169,200
Chisago	18,600	22,500	18,400	22,300	36.0	34.0	662,400	758,200
Hennepin	6,700	14,900	6,600	14,800	44.0	40.0	290,400	592,000
Isanti	23,900	30,000	23,700	29,800	33.0	32.0	782,100	953,600
Kanabec	6,600	6,800	6,400	6,500	29.0	36.0	185,600	234,000
Mille Lacs	8,500	9,800	8,400	9,600	29.0	36.0	243,600	345,600
Pine	7,100	7,200	6,800	7,000	28.0	35.0	190,400	245,000
Washington	16,800	16,200	16,700	16,100	41.0	42.0	684,700	676,200
Other Counties	700	600	700	500	29.7	32.0	20,800	16,000
East Central	103,100	112,800	101,700	111,300	34.4	35.8	3,494,000	3,989,800

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.

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**SOYBEANS: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Cottonwood	177,300	173,700	175,800	172,300	46.0	42.0	8,086,800	7,236,600
Jackson	180,400	181,500	178,900	180,000	44.0	41.0	7,871,600	7,380,000
Lincoln	105,800	105,800	104,900	104,700	41.0	37.0	4,300,900	3,873,900
Lyon	176,000	176,000	174,600	174,600	44.0	42.0	7,682,400	7,333,200
Murray	178,100	179,800	176,600	178,200	46.0	42.0	8,123,600	7,484,400
Nobles	193,700	192,000	191,800	190,400	47.0	42.0	9,014,600	7,996,800
Pipestone	97,600	109,000	96,800	107,700	42.0	41.0	4,065,600	4,415,700
Redwood	238,000	234,000	230,800	227,800	43.0	45.0	9,924,400	10,251,000
Rock	120,800	124,600	119,800	123,000	45.0	48.0	5,391,000	5,904,000
Southwest	1,467,700	1,476,400	1,450,000	1,458,700	44.5	42.4	64,460,900	61,875,600
Blue Earth	177,900	179,600	176,100	178,300	49.0	44.0	8,628,900	7,845,200
Brown	143,100	142,000	141,000	140,200	42.0	44.0	5,922,000	6,168,800
Faribault	172,300	173,300	169,800	170,400	46.0	42.0	7,810,800	7,156,800
Freeborn	158,700	161,000	156,900	159,000	46.0	40.0	7,217,400	6,360,000
Le Sueur	86,200	86,200	85,000	85,000	47.0	44.0	3,995,000	3,740,000
Martin	196,000	196,000	193,300	193,200	47.0	41.0	9,085,100	7,921,200
Nicollet	105,600	105,600	104,600	104,800	48.0	48.0	5,020,800	5,030,400
Rice	67,400	66,800	66,100	65,800	47.0	47.0	3,106,700	3,092,600
Steele	88,900	92,800	88,100	91,900	49.0	42.0	4,316,900	3,859,800
Waseca	100,500	103,400	99,500	102,000	48.0	44.0	4,776,000	4,488,000
Watsonwan	119,700	119,300	118,600	118,300	45.0	43.0	5,337,000	5,086,900
South Central	1,416,300	1,426,000	1,399,000	1,408,900	46.6	43.1	65,216,600	60,749,700
Dakota	67,900	69,000	67,000	68,300	46.0	44.0	3,082,000	3,005,200
Dodge	91,300	93,800	90,400	92,800	48.0	43.0	4,339,200	3,990,400
Fillmore	89,600	102,700	87,400	100,400	47.0	45.0	4,107,800	4,518,000
Goodhue	85,400	90,700	84,600	89,800	50.0	44.0	4,230,000	3,951,200
Houston	29,600	26,700	29,100	26,400	48.0	46.0	1,396,800	1,214,400
Mower	167,800	178,200	166,400	176,400	49.0	40.0	8,153,600	7,056,000
Olmsted	67,600	70,400	66,800	69,700	50.0	45.0	3,340,000	3,136,500
Wabasha	32,200	35,100	31,900	34,800	49.0	48.0	1,563,100	1,670,400
Winona	21,600	20,000	21,400	19,800	47.0	48.0	1,005,800	950,400
Southeast	653,000	686,600	645,000	678,400	48.4	43.5	31,218,300	29,492,500
Other Districts	3,300	1,000	3,200	900	27.0	23.0	86,500	20,700
Minnesota	6,900,000	7,000,000	6,800,000	6,900,000	42.0	41.0	285,600,000	282,900,000

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.



**ALL WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Becker	65,000	75,700	64,200	75,500	39.0	32.0	2,502,800	2,417,000
Clay	175,600	184,100	171,500	183,600	38.0	39.9	6,511,900	7,329,900
Clearwater	4,800	5,200	4,600	4,900	37.4	28.9	172,100	141,400
Kittson	155,200	176,900	153,300	176,400	41.8	44.9	6,411,400	7,918,400
Mahnomen	43,900	49,200	43,600	48,900	44.5	30.8	1,940,200	1,508,100
Marshall	256,200	201,200	250,000	183,100	35.6	31.9	8,903,900	5,841,500
Norman	173,000	189,300	169,800	187,100	39.8	39.8	6,759,600	7,455,900
Pennington	71,000	41,900	69,500	35,800	33.2	30.1	2,309,100	1,077,800
Polk	303,500	352,700	301,600	338,100	44.3	39.7	13,352,000	13,416,900
Red Lake	49,600	50,200	49,200	49,800	40.1	33.8	1,973,400	1,685,000
Roseau	122,300	64,700	115,900	57,000	34.9	34.8	4,041,500	1,983,600
<u>Northwest</u>	1,420,100	1,391,100	1,393,200	1,340,200	39.4	37.9	54,877,900	50,775,500
Beltrami	7,400	5,100	7,000	4,600	29.7	22.9	208,200	105,200
Hubbard	--	1,300	--	1,200	--	23.0	--	27,600
Koochiching	1,300	--	1,300	--	37.0	--	48,100	--
Lake of the Woods	16,400	6,700	16,100	5,800	37.3	22.9	599,900	132,800
Other Counties	1,100	900	1,100	700	36.3	22.6	39,900	15,800
<u>North Central</u>	26,200	14,000	25,500	12,300	35.1	22.9	896,100	281,400
Other Counties	300	200	200	200	30.0	23.0	6,000	4,600
<u>Northeast</u>	300	200	200	200	30.0	23.0	6,000	4,600
Big Stone	34,400	39,100	34,100	39,000	43.8	47.7	1,494,400	1,861,500
Chippewa	3,300	4,000	3,200	4,000	48.0	51.0	153,600	204,000
Douglas	17,300	22,700	17,200	22,500	40.9	40.9	704,000	920,100
Grant	71,700	80,100	71,200	80,000	47.0	45.0	3,343,800	3,600,000
Lac Qui Parle	15,500	14,900	15,400	14,900	43.6	48.9	671,100	728,900
Otter Tail	64,300	79,100	64,000	78,900	41.9	40.9	2,684,400	3,229,200
Pope	12,500	16,300	12,400	16,200	41.7	41.7	517,200	676,200
Stevens	35,500	35,200	35,100	35,100	48.0	40.0	1,683,500	1,403,500
Swift	8,200	9,900	8,100	9,800	45.9	38.9	371,400	381,300
Traverse	72,900	74,900	72,500	74,800	45.0	44.0	3,260,200	3,289,100
Wilkin	149,600	172,500	148,600	172,300	42.9	46.0	6,372,400	7,921,900
Yellow Medicine	8,500	11,900	8,400	11,800	43.6	46.9	366,600	553,400
<u>West Central</u>	493,700	560,600	490,200	559,300	44.1	44.3	21,622,600	24,769,100
Carver	1,400	1,800	1,400	1,700	39.7	38.8	55,600	66,000
Kandiyohi	4,400	6,400	4,200	6,300	48.0	48.0	201,600	302,400
McLeod	3,200	3,700	3,100	3,600	43.8	48.6	135,800	174,800
Meeker	4,000	4,900	4,000	4,800	39.0	44.4	156,000	213,200
Morrison	--	1,000	--	1,000	--	39.1	--	39,100
Renville	4,700	4,600	4,600	4,600	48.7	42.8	223,900	196,700
Sibley	2,600	2,400	2,600	2,300	45.8	47.7	119,000	109,700
Stearns	4,000	3,900	4,000	3,900	45.3	42.7	181,000	166,400
Todd	4,900	6,200	4,800	6,200	38.0	36.1	182,400	223,800
Wright	2,700	3,000	2,500	3,000	38.2	40.7	95,400	122,100
Other Counties	2,800	2,600	2,700	2,600	36.1	38.5	97,600	100,200
<u>Central</u>	34,700	40,500	33,900	40,000	42.7	42.9	1,448,300	1,714,400

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

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**ALL WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Anoka	1,000	--	1,000	--	37.1	--	37,100	--
Isanti	1,000	1,000	1,000	1,000	36.2	41.8	36,200	41,800
Kanabec	--	1,000	--	1,000	--	40.9	--	40,900
Other Counties	2,500	3,700	2,200	3,400	37.0	39.9	81,300	135,600
East Central	4,500	5,700	4,200	5,400	36.8	40.4	154,600	218,300
Lincoln	10,300	9,700	10,000	9,600	39.9	40.0	398,800	384,000
Lyon	4,700	4,200	4,600	4,200	41.0	53.0	188,600	222,600
Pipestone	1,000	--	1,000	--	41.0	--	41,000	--
Redwood	2,400	2,900	2,400	2,900	44.6	53.0	107,100	153,700
Other Counties	2,300	3,200	2,300	3,200	38.4	43.2	88,400	138,300
Southwest	20,700	20,000	20,300	19,900	40.6	45.2	823,900	898,600
Brown	2,000	1,800	1,900	1,800	46.0	49.3	87,400	88,800
Le Sueur	2,000	1,900	2,000	1,800	44.3	41.8	88,500	75,200
Nicollet	1,700	1,500	1,700	1,500	44.1	41.4	74,900	62,100
Other Counties	3,600	3,600	3,600	3,600	42.3	45.4	152,200	163,300
South Central	9,300	8,800	9,200	8,700	43.8	44.8	403,000	389,400
Dakota	2,000	1,400	1,800	1,300	40.3	43.5	72,600	56,500
Other Counties	3,500	2,700	3,500	2,700	39.7	37.9	139,000	102,200
Southeast	5,500	4,100	5,300	4,000	39.9	39.7	211,600	158,700
Minnesota	2,015,000	2,045,000	1,982,000	1,990,000	40.6	39.8	80,444,000	79,210,000

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



SPRING WHEAT: Acreage, Yield, and Production, by County and District, Minnesota, 1998-99

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Becker	64,800	75,200	64,000	75,000	39.0	32.0	2,496,000	2,400,000
Clay	174,100	182,500	170,000	182,100	38.0	40.0	6,460,000	7,284,000
Clearwater	4,000	4,300	3,900	4,200	40.0	29.0	156,000	121,800
Kittson	153,400	175,300	151,700	175,000	42.0	45.0	6,371,400	7,875,000
Mahnomen	41,600	47,700	41,400	47,600	45.0	31.0	1,863,000	1,475,600
Marshall	249,800	198,600	243,900	181,000	36.0	32.0	8,780,400	5,792,000
Norman	168,500	186,700	165,400	184,700	40.0	40.0	6,616,000	7,388,000
Pennington	66,000	37,700	64,600	32,000	34.0	30.0	2,196,400	960,000
Polk	288,400	340,600	286,800	327,300	45.0	40.0	12,906,000	13,092,000
Red Lake	44,000	45,800	43,700	45,700	42.0	34.0	1,835,400	1,553,800
Roseau	113,600	60,100	108,200	53,200	36.0	36.0	3,895,200	1,915,200
Northwest	1,368,200	1,354,500	1,343,600	1,307,800	39.9	38.1	53,575,800	49,857,400
Beltrami	7,200	4,800	6,800	4,400	30.0	23.0	204,000	101,200
Hubbard	--	1,300	--	1,200	--	23.0	--	27,600
Koochiching	1,300	--	1,300	--	37.0	--	48,100	--
Lake of the Woods	15,600	6,400	15,400	5,600	38.0	23.0	585,200	128,800
Other Counties	1,000	800	1,000	600	37.8	23.0	37,800	13,800
North Central	25,100	13,300	24,500	11,800	35.7	23.0	875,100	271,400
Other Counties	300	200	200	200	30.0	23.0	6,000	4,600
Northeast	300	200	200	200	30.0	23.0	6,000	4,600
Big Stone	33,700	38,600	33,500	38,500	44.0	48.0	1,474,000	1,848,000
Chippewa	3,300	4,000	3,200	4,000	48.0	51.0	153,600	204,000
Douglas	16,900	22,200	16,800	22,100	41.0	41.0	688,800	906,100
Grant	71,500	80,100	71,000	80,000	47.0	45.0	3,337,000	3,600,000
Lac Qui Parle	15,000	14,800	14,900	14,800	44.0	49.0	655,600	725,200
Otter Tail	63,500	78,300	63,200	78,200	42.0	41.0	2,654,400	3,206,200
Pope	12,200	15,700	12,100	15,600	42.0	42.0	508,200	655,200
Stevens	35,400	35,100	35,000	35,000	48.0	40.0	1,680,000	1,400,000
Swift	8,100	9,800	8,000	9,700	46.0	39.0	368,000	378,300
Traverse	72,600	74,500	72,200	74,400	45.0	44.0	3,249,000	3,273,600
Wilkin	147,000	171,500	146,000	171,400	43.0	46.0	6,278,000	7,884,400
Yellow Medicine	8,300	11,800	8,200	11,700	44.0	47.0	360,800	549,900
West Central	487,500	556,400	484,100	555,400	44.2	44.3	21,407,400	24,630,900
Carver	1,200	1,600	1,200	1,500	39.0	38.0	46,800	57,000
Kandiyohi	4,400	6,400	4,200	6,300	48.0	48.0	201,600	302,400
McLeod	2,800	3,200	2,800	3,200	44.0	48.0	123,200	153,600
Meeker	3,800	4,700	3,800	4,600	39.0	45.0	148,200	207,000
Renville	4,600	4,500	4,500	4,500	49.0	43.0	220,500	193,500
Sibley	2,300	2,000	2,300	2,000	46.0	46.0	105,800	92,000
Stearns	3,700	3,800	3,700	3,800	46.0	43.0	170,200	163,400
Todd	4,200	6,000	4,200	6,000	38.0	36.0	159,600	216,000
Wright	2,400	2,900	2,200	2,900	39.0	41.0	85,800	118,900
Other Counties	2,200	3,200	2,100	3,200	36.9	38.3	77,400	122,700
Central	31,600	38,300	31,000	38,000	43.2	42.8	1,339,100	1,626,500

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

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**SPRING WHEAT: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Bushels		Bushels	
Other Counties	3,800	5,400	3,700	5,200	37.9	40.4	140,100	210,300
East Central	3,800	5,400	3,700	5,200	37.9	40.4	140,100	210,300
Lincoln	10,200	9,700	9,900	9,600	40.0	40.0	396,000	384,000
Lyon	4,700	4,200	4,600	4,200	41.0	53.0	188,600	222,600
Pipestone	1,000	--	1,000	--	41.0	--	41,000	--
Redwood	2,100	2,900	2,100	2,900	47.0	53.0	98,700	153,700
Other Counties	2,200	3,000	2,200	3,000	38.9	44.1	85,600	132,300
Southwest	20,200	19,800	19,800	19,700	40.9	45.3	809,900	892,600
Brown	1,800	1,700	1,700	1,700	48.0	49.0	81,600	83,300
Le Sueur	1,700	1,700	1,700	1,600	45.0	40.0	76,500	64,000
Nicollet	1,600	1,300	1,600	1,300	44.0	41.0	70,400	53,300
Other Counties	3,600	3,600	3,600	3,600	42.3	45.4	152,200	163,300
South Central	8,700	8,300	8,600	8,200	44.3	44.4	380,700	363,900
Dakota	1,300	1,200	1,200	1,100	44.0	41.0	52,800	45,100
Other Counties	3,300	2,600	3,300	2,600	40.3	37.4	133,100	97,300
Southeast	4,600	3,800	4,500	3,700	41.3	38.5	185,900	142,400
Minnesota	1,950,000	2,000,000	1,920,000	1,950,000	41.0	40.0	78,720,000	78,000,000

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

**RYE: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Bushels		Bushels	
Kittson	2,800	1,500	2,700	1,100	24.0	39.0	64,800	42,900
Marshall	2,500	1,100	2,400	900	33.0	28.0	79,200	25,200
Red Lake	1,800	--	1,800	--	32.0	--	57,600	--
Roseau	1,100	--	1,100	--	32.0	--	35,200	--
Other Counties	1,800	3,100	1,800	2,300	30.2	28.7	54,400	66,100
Northwest	10,000	5,700	9,800	4,300	29.7	31.2	291,200	134,200
Otter Tail	--	1,200	--	700	--	25.0	--	17,500
Other Counties	1,700	400	1,300	300	32.3	36.3	42,000	10,900
West Central	1,700	1,600	1,300	1,000	32.3	28.4	42,000	28,400
Benton	1,100	1,900	1,100	1,800	25.0	31.0	27,500	55,800
Morrison	3,400	3,600	3,100	3,300	34.0	32.0	105,400	105,600
Sherburne	2,200	3,100	1,700	2,700	24.0	23.0	40,800	62,100
Stearns	1,800	2,300	1,600	2,100	38.0	40.0	60,800	84,000
Todd	1,300	1,800	1,200	1,700	35.0	34.0	42,000	57,800
Other Counties	1,300	1,300	1,100	700	33.3	33.1	36,600	23,200
Central	11,100	14,000	9,800	12,300	31.9	31.6	313,100	388,500
Anoka	--	1,600	--	1,500	--	33.0	--	49,500
Isanti	2,000	2,500	1,900	2,300	34.0	28.0	64,600	64,400
Other Counties	3,300	2,100	2,900	1,800	29.9	29.1	86,800	52,400
East Central	5,300	6,200	4,800	5,600	31.5	29.7	151,400	166,300
Other Districts	1,900	2,500	1,300	1,800	30.2	32.0	39,300	57,600
Minnesota	30,000	30,000	27,000	25,000	31.0	31.0	837,000	775,000

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.

**OATS: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Becker	6,500	9,500	5,800	7,900	49.0	43.0	284,200	339,700
Clay	3,600	4,300	3,500	4,000	52.0	67.0	182,000	268,000
Clearwater	6,000	7,600	5,100	4,300	61.0	37.0	311,100	159,100
Kittson	9,900	9,100	9,300	5,800	64.0	45.0	595,200	261,000
Mahnomen	2,500	3,200	2,100	2,200	65.0	36.0	136,500	79,200
Marshall	11,200	4,700	10,800	3,400	54.0	33.0	583,200	112,200
Norman	2,500	3,400	2,300	2,600	60.0	48.0	138,000	124,800
Pennington	12,100	5,000	11,700	4,600	59.0	36.0	690,300	165,600
Polk	8,400	6,100	8,100	5,800	64.0	56.0	518,400	324,800
Red Lake	6,500	4,700	6,200	4,400	68.0	59.0	421,600	259,600
Roseau	14,600	5,200	13,000	3,400	57.0	46.0	741,000	156,400
<u>Northwest</u>	83,800	62,800	77,900	48,400	59.1	46.5	4,601,500	2,250,400
Beltrami	8,000	8,000	6,700	4,400	44.0	39.0	294,800	171,600
Cass	2,600	2,900	1,200	1,200	37.0	32.0	44,400	38,400
Hubbard	3,100	4,100	2,000	2,800	42.0	33.0	84,000	92,400
Itasca	2,200	2,000	1,000	1,300	42.0	48.0	42,000	62,400
Koochiching	1,400	1,400	700	600	56.0	37.0	39,200	22,200
Lake of the Woods	3,000	1,200	2,900	600	62.0	33.0	179,800	19,800
<u>North Central</u>	20,300	19,600	14,500	10,900	47.2	37.3	684,200	406,800
St Louis	3,000	3,200	2,300	1,600	51.0	42.0	117,300	67,200
<u>Northeast</u>	3,000	3,200	2,300	1,600	51.0	42.0	117,300	67,200
Chippewa	1,000	1,100	900	1,000	64.0	75.0	57,600	75,000
Douglas	6,200	7,200	6,000	6,900	69.0	66.0	414,000	455,400
Otter Tail	28,900	33,200	26,500	30,500	63.0	51.0	1,669,500	1,555,500
Pope	4,600	4,800	4,400	4,600	68.0	57.0	299,200	262,200
Swift	1,600	1,800	1,400	1,600	66.0	71.0	92,400	113,600
Wilkin	1,200	1,000	1,000	900	59.0	65.0	59,000	58,500
Yellow Medicine	--	1,100	--	1,000	--	81.0	--	81,000
Other Counties	4,000	3,000	3,600	2,600	61.7	60.4	222,100	157,000
<u>West Central</u>	47,500	53,200	43,800	49,100	64.2	56.2	2,813,800	2,758,200
Benton	4,300	5,300	3,800	4,500	72.0	62.0	273,600	279,000
Carver	3,300	3,200	2,700	2,600	78.0	66.0	210,600	171,600
Kandiyohi	4,400	4,500	4,200	4,300	58.0	61.0	243,600	262,300
McLeod	3,000	3,200	2,800	3,000	82.0	80.0	229,600	240,000
Meeker	2,900	3,500	2,700	3,300	71.0	65.0	191,700	214,500
Morrison	8,500	10,600	7,600	9,400	69.0	63.0	524,400	592,200
Scott	2,300	2,600	2,200	2,000	66.0	65.0	145,200	130,000
Sibley	2,400	2,100	2,300	1,900	70.0	71.0	161,000	134,900
Stearns	25,800	30,000	24,700	28,500	69.0	70.0	1,704,300	1,995,000
Todd	14,900	16,900	13,800	14,000	61.0	54.0	841,800	756,000
Wadena	4,800	6,500	4,100	6,200	56.0	45.0	229,600	279,000
Wright	4,000	4,400	3,200	3,900	67.0	58.0	214,400	226,200
Other Counties	2,100	2,200	1,900	2,100	75.2	66.3	142,900	139,200
<u>Central</u>	82,700	95,000	76,000	85,700	67.3	63.2	5,112,700	5,419,900

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

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**OATS: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Aitkin	1,400	--	900	--	49.0	--.	44,100	--
Anoka	1,100	--	1,000	--	50.0	--.	50,000	--
Chisago	1,700	1,700	1,600	1,500	64.0	49.0	102,400	73,500
Crow Wing	2,600	3,300	2,300	2,900	61.0	36.0	140,300	104,400
Hennepin	--	1,200	--	1,000	--.	53.0	--	53,000
Isanti	1,400	1,500	1,300	1,300	56.0	43.0	72,800	55,900
Kanabec	2,300	2,800	1,900	2,200	65.0	54.0	123,500	118,800
Mille Lacs	2,000	2,500	1,900	1,900	61.0	43.0	115,900	81,700
Pine	3,500	4,500	2,900	3,400	68.0	53.0	197,200	180,200
Washington	1,400	2,000	1,300	1,800	48.0	46.0	62,400	82,800
Other Counties	1,700	2,300	1,300	1,100	45.9	41.7	59,700	45,900
East Central	19,100	21,800	16,400	17,100	59.0	46.6	968,300	796,200
Lincoln	3,300	4,000	3,200	2,800	81.0	74.0	259,200	207,200
Lyon	2,000	2,400	1,900	1,800	73.0	76.0	138,700	136,800
Murray	2,700	3,500	2,600	3,300	71.0	88.0	184,600	290,400
Nobles	2,500	2,500	2,100	2,300	85.0	87.0	178,500	200,100
Pipestone	3,300	3,600	2,700	2,800	61.0	80.0	164,700	224,000
Redwood	1,500	1,300	1,400	1,200	86.0	82.0	120,400	98,400
Rock	2,000	2,300	1,900	2,100	84.0	86.0	159,600	180,600
Other Counties	1,500	1,800	1,400	1,600	70.0	79.3	98,000	126,800
Southwest	18,800	21,400	17,200	17,900	75.8	81.8	1,303,700	1,464,300
Brown	3,000	3,300	2,800	3,100	58.0	72.0	162,400	223,200
Faribault	1,100	--	1,000	--	55.0	--.	55,000	--
Freeborn	2,000	2,200	1,800	1,900	61.0	62.0	109,800	117,800
Le Sueur	1,600	1,700	1,300	1,400	72.0	66.0	93,600	92,400
Martin	1,400	1,900	1,300	1,800	64.0	64.0	83,200	115,200
Nicollet	1,600	2,200	1,500	2,100	84.0	77.0	126,000	161,700
Rice	3,100	3,200	2,600	2,800	60.0	64.0	156,000	179,200
Steele	2,500	2,500	2,200	2,000	67.0	60.0	147,400	120,000
Waseca	1,100	1,200	1,000	900	84.0	57.0	84,000	51,300
Other Counties	1,300	2,400	1,200	2,400	65.3	63.3	78,400	151,800
South Central	18,700	20,600	16,700	18,400	65.6	65.9	1,095,800	1,212,600
Dakota	1,900	1,800	1,700	1,700	64.0	56.0	108,800	95,200
Dodge	3,000	2,900	2,300	1,900	64.0	64.0	147,200	121,600
Fillmore	9,700	11,500	7,800	9,500	65.0	70.0	507,000	665,000
Goodhue	7,000	9,000	6,300	7,400	66.0	65.0	415,800	481,000
Houston	8,900	7,500	5,500	4,700	55.0	62.0	302,500	291,400
Mower	2,700	2,900	2,600	2,700	63.0	69.0	163,800	186,300
Olmsted	5,900	6,800	5,400	6,200	66.0	62.0	356,400	384,400
Wabasha	7,500	8,500	7,000	8,100	65.0	67.0	455,000	542,700
Winona	9,500	11,500	6,600	8,700	57.0	64.0	376,200	556,800
Southeast	56,100	62,400	45,200	50,900	62.7	65.3	2,832,700	3,324,400
Minnesota	350,000	360,000	310,000	300,000	63.0	59.0	19,530,000	17,700,000

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

**ALL HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Becker	56,000	57,600	2.3	2.5	130,500	142,800
Clay	25,200	23,300	2.4	2.6	59,600	60,600
Clearwater	56,900	67,400	2.1	1.9	119,500	131,000
Kittson	24,200	23,700	2.1	2.2	50,200	52,800
Mahnomen	23,500	23,400	2.7	2.5	63,500	58,300
Marshall	41,600	38,200	2.0	2.2	83,500	83,300
Norman	18,200	18,800	2.9	2.4	52,800	44,500
Pennington	33,600	29,100	2.4	1.9	81,200	56,100
Polk	54,400	55,200	2.5	2.4	137,800	129,800
Red Lake	24,700	22,100	2.5	2.4	61,800	53,700
Roseau	68,800	73,000	2.1	1.5	142,200	110,500
<u>Northwest</u>	427,100	431,800	2.3	2.1	982,600	923,400
Beltrami	62,700	61,400	2.1	1.6	133,000	100,400
Cass	55,400	57,600	1.9	2.0	107,300	112,800
Hubbard	27,000	29,000	1.6	1.6	43,900	47,600
Itasca	33,500	34,800	1.6	1.5	54,400	53,800
Koochiching	23,400	24,200	1.3	1.6	31,300	39,400
Lake of the Woods	21,300	22,600	1.8	1.6	37,300	35,200
<u>North Central</u>	223,300	229,600	1.8	1.7	407,200	389,200
St Louis	54,300	60,900	1.4	1.5	78,700	89,500
Other Counties	2,500	2,600	1.3	1.2	3,300	3,100
<u>Northeast</u>	56,800	63,500	1.4	1.5	82,000	92,600
Big Stone	6,200	6,800	3.1	2.6	19,300	17,800
Chippewa	7,400	8,400	3.6	3.9	26,700	32,600
Douglas	36,900	34,700	3.0	3.4	109,500	117,400
Grant	8,800	7,800	3.9	3.5	34,700	27,100
Lac Qui Parle	15,100	16,800	3.2	3.1	48,100	52,800
Otter Tail	134,200	123,900	3.2	3.1	427,500	385,500
Pope	27,500	26,900	3.8	3.4	105,100	91,400
Stevens	10,800	10,000	3.9	4.0	42,200	39,600
Swift	13,600	14,200	3.4	3.0	46,100	43,000
Traverse	10,400	9,500	3.6	3.6	37,800	33,800
Wilkin	9,400	8,700	2.6	2.6	24,300	22,800
Yellow Medicine	11,900	11,400	3.5	3.6	42,200	40,500
<u>West Central</u>	292,200	279,100	3.3	3.2	963,500	904,300
Benton	29,500	33,300	3.4	3.7	99,500	122,700
Carver	22,700	24,200	4.5	4.5	101,100	107,700
Kandiyohi	26,900	27,200	4.3	3.5	115,400	96,000
McLeod	20,100	18,800	4.1	4.1	83,000	77,500
Meeker	16,700	17,800	4.0	3.6	67,600	63,800
Morrison	80,600	82,700	2.9	3.1	237,700	257,600
Renville	9,300	9,500	4.5	4.4	41,500	42,100
Scott	15,600	18,900	3.6	4.3	56,900	81,000
Sherburne	7,900	9,400	2.8	2.7	22,100	25,800
Sibley	12,100	15,000	4.2	4.2	50,400	62,600
Stearns	123,300	127,000	4.1	3.8	503,100	484,100
Todd	76,600	83,300	2.5	2.7	193,700	222,200
Wadena	39,500	40,600	2.3	2.5	91,500	102,900
Wright	34,500	33,500	3.8	3.8	130,900	127,600
<u>Central</u>	515,300	541,200	3.5	3.5	1,794,400	1,873,600

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

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**ALL HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Aitkin	51,700	56,300	1.5	1.8	77,200	101,400
Carlton	34,800	33,800	1.6	1.8	56,600	60,000
Chisago	18,400	18,100	2.9	2.8	52,500	50,100
Crow Wing	30,200	30,200	1.9	1.9	57,500	57,200
Hennepin	14,300	15,800	3.0	3.1	43,000	49,100
Isanti	14,000	15,600	2.6	2.4	36,300	37,700
Kanabec	29,500	30,900	2.2	2.4	65,400	75,100
Mille Lacs	32,900	33,700	2.5	2.7	83,600	92,600
Pine	59,000	58,700	2.2	2.0	129,700	115,300
Washington	16,400	16,200	2.6	2.6	42,100	41,400
Other Counties	10,600	11,000	3.2	2.6	33,700	28,100
East Central	311,800	320,300	2.2	2.2	677,600	708,000
Cottonwood	7,600	6,900	3.2	3.7	24,500	25,200
Jackson	6,100	6,900	2.8	3.0	17,200	21,000
Lincoln	25,700	21,800	3.4	3.8	87,600	82,000
Lyon	16,100	14,400	3.7	3.6	59,900	52,100
Murray	14,500	16,000	3.8	4.1	55,100	65,400
Nobles	13,400	14,200	3.9	3.8	51,700	53,500
Pipestone	22,400	20,800	3.2	3.6	71,100	74,400
Redwood	9,900	10,500	4.5	3.6	44,200	38,300
Rock	12,500	14,400	3.6	3.3	45,300	47,300
Southwest	128,200	125,900	3.6	3.6	456,600	459,200
Blue Earth	6,600	5,300	3.4	2.9	22,400	15,600
Brown	16,400	15,700	4.0	4.4	65,200	68,500
Faribault	3,800	3,400	3.0	3.4	11,400	11,600
Freeborn	10,400	11,200	3.5	3.3	35,900	37,300
Le Sueur	11,800	11,000	3.6	3.5	42,700	38,100
Martin	7,100	6,600	3.1	3.2	21,900	21,400
Nicollet	9,100	8,100	4.2	4.1	38,500	33,400
Rice	22,000	19,100	3.5	4.1	78,000	77,600
Steele	13,600	13,100	3.8	3.5	51,100	45,900
Waseca	9,700	8,800	3.5	4.0	33,500	35,300
Watonwan	2,700	2,400	3.6	4.0	9,600	9,500
South Central	113,200	104,700	3.6	3.8	410,200	394,200
Dakota	14,600	13,100	3.9	4.0	56,300	52,500
Dodge	14,700	16,700	3.6	3.8	53,400	63,000
Fillmore	57,500	58,000	4.2	3.6	241,600	206,600
Goodhue	47,300	47,800	4.5	4.4	213,500	211,400
Houston	44,900	49,800	3.8	3.8	169,600	187,800
Mower	14,000	12,800	3.8	3.8	52,900	49,100
Olmsted	35,600	37,500	4.1	3.6	145,800	135,400
Wabasha	44,500	53,200	3.7	4.4	166,400	236,200
Winona	59,000	65,000	4.0	3.7	236,400	243,500
Southeast	332,100	353,900	4.0	3.9	1,335,900	1,385,500
Minnesota	2,400,000	2,450,000	3.0	2.9	7,110,000	7,130,000

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, 1998-99**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Becker	40,900	43,400	2.6	2.7	106,300	117,200
Clay	16,200	16,000	2.9	3.1	47,000	49,600
Clearwater	34,100	38,600	2.5	2.2	85,300	84,900
Kittson	13,900	12,700	2.5	2.6	34,800	33,000
Mahnomen	17,600	17,400	3.1	2.8	54,600	48,700
Marshall	25,500	23,700	2.2	2.6	56,100	61,600
Norman	15,000	14,800	3.2	2.6	48,000	38,500
Pennington	24,800	18,700	2.6	2.0	64,500	37,400
Polk	37,500	41,500	3.0	2.7	112,500	112,000
Red Lake	17,700	17,100	2.9	2.7	51,300	46,200
Roseau	39,100	38,100	2.5	1.8	97,700	68,600
<u>Northwest</u>	282,300	282,000	2.7	2.5	758,100	697,700
Beltrami	33,000	27,700	2.5	1.8	82,500	49,800
Cass	16,500	15,200	2.5	2.4	41,200	36,500
Hubbard	11,000	12,800	2.1	2.2	23,100	28,200
Itasca	6,800	7,100	2.9	2.9	19,700	20,600
Koochiching	10,500	11,300	1.5	2.0	15,800	22,600
Lake of the Woods	10,700	11,700	2.1	1.7	22,500	19,900
<u>North Central</u>	88,500	85,800	2.3	2.1	204,800	177,600
St Louis	4,500	4,200	2.0	2.4	9,000	10,100
Other Counties	300	300	2.0	2.0	600	600
<u>Northeast</u>	4,800	4,500	2.0	2.4	9,600	10,700
Big Stone	4,200	4,700	3.6	3.1	15,100	14,600
Chippewa	6,100	7,300	3.9	4.2	23,800	30,600
Douglas	28,700	27,900	3.1	3.6	89,000	100,400
Grant	8,000	7,100	4.1	3.6	32,800	25,600
Lac Qui Parle	11,200	12,100	3.6	3.7	40,300	44,800
Otter Tail	112,100	105,900	3.4	3.3	381,100	349,500
Pope	19,500	20,900	4.2	3.8	81,900	79,400
Stevens	10,000	9,300	4.0	4.1	40,000	38,100
Swift	11,000	11,500	3.6	3.3	39,600	37,900
Traverse	8,500	7,900	4.0	3.9	34,000	30,800
Wilkin	6,900	6,700	2.9	2.8	20,000	18,800
Yellow Medicine	9,400	8,700	3.9	4.0	36,700	34,800
<u>West Central</u>	235,600	230,000	3.5	3.5	834,300	805,300
Benton	20,700	25,200	4.0	4.1	82,800	103,300
Carver	19,300	21,200	4.8	4.7	92,600	99,600
Kandiyohi	23,100	24,000	4.7	3.8	108,600	91,200
McLeod	15,100	14,500	4.7	4.6	71,000	66,700
Meeker	13,400	15,000	4.5	3.9	60,300	58,500
Morrison	45,000	49,300	3.7	3.8	166,500	187,400
Renville	7,500	7,900	4.9	4.8	36,800	37,900
Scott	12,100	15,200	4.1	4.7	49,600	71,400
Sherburne	6,400	7,400	3.0	3.0	19,200	22,200
Sibley	9,200	11,900	4.6	4.5	42,300	53,600
Stearns	102,600	108,700	4.4	4.1	451,400	445,700
Todd	43,800	52,500	3.0	3.0	131,400	157,500
Wadena	18,700	21,700	3.0	3.0	56,100	65,100
Wright	28,600	28,100	4.1	4.1	117,300	115,200
<u>Central</u>	365,500	402,600	4.1	3.9	1,485,900	1,575,300

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

--continued

**ALFALFA HAY: Acreage Harvested, Yield, and Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District 1/	Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Aitkin	6,800	6,400	2.1	2.6	14,300	16,600
Carlton	9,500	9,700	2.5	2.2	23,700	21,400
Chisago	9,800	12,100	3.6	3.2	35,300	38,700
Crow Wing	10,100	11,100	2.5	2.4	25,300	26,600
Hennepin	10,600	11,100	3.5	3.7	37,100	41,100
Isanti	8,800	9,800	3.0	2.9	26,400	28,400
Kanabec	8,500	9,500	3.5	3.4	29,700	32,300
Mille Lacs	14,100	13,200	3.4	3.6	47,900	47,500
Pine	22,900	17,800	3.3	2.8	75,600	49,900
Washington	8,400	7,600	3.2	3.3	26,900	25,100
Other Counties	7,000	8,100	3.8	2.9	26,600	23,500
<u>East Central</u>	116,500	116,400	3.2	3.0	368,800	351,100
Cottonwood	5,000	4,800	3.8	4.2	19,000	20,200
Jackson	3,800	4,100	3.5	3.5	13,300	14,300
Lincoln	19,400	17,200	3.8	4.1	73,700	70,500
Lyon	13,200	12,200	4.1	3.8	54,100	46,400
Murray	10,700	11,800	4.4	4.8	47,100	56,600
Nobles	9,700	10,200	4.5	4.5	43,600	45,900
Pipestone	17,100	16,400	3.6	4.0	61,600	65,600
Redwood	8,400	9,200	4.9	3.8	41,200	35,000
Rock	8,100	9,500	4.4	3.9	35,600	37,000
<u>Southwest</u>	95,400	95,400	4.1	4.1	389,200	391,500
Blue Earth	4,100	3,700	3.8	3.2	15,600	11,800
Brown	13,100	13,200	4.4	4.7	57,600	62,000
Faribault	2,000	2,300	4.1	3.9	8,200	9,000
Freeborn	6,600	7,100	4.0	3.8	26,400	27,000
Le Sueur	8,200	8,100	4.2	3.8	34,400	30,800
Martin	4,400	3,900	4.0	3.7	17,600	14,400
Nicollet	7,900	7,000	4.5	4.4	35,500	30,800
Rice	16,400	14,400	3.9	4.6	64,000	66,300
Steele	10,100	9,500	4.2	4.0	42,400	38,000
Waseca	7,500	7,300	3.7	4.3	27,800	31,400
Watsonwan	1,800	1,700	4.2	4.7	7,600	8,000
<u>South Central</u>	82,100	78,200	4.1	4.2	337,100	329,500
Dakota	11,500	10,800	4.3	4.4	49,500	47,500
Dodge	11,700	14,900	4.0	3.9	46,800	58,100
Fillmore	46,800	47,100	4.5	3.9	210,600	183,700
Goodhue	42,900	43,100	4.7	4.6	201,600	198,300
Houston	35,800	42,700	4.0	3.9	143,200	166,500
Mower	11,600	10,500	4.0	4.1	46,400	43,100
Olmsted	29,600	31,100	4.4	3.9	130,200	121,300
Wabasha	38,600	48,200	3.9	4.6	150,500	221,700
Winona	50,800	56,700	4.2	3.9	213,400	221,100
<u>Southeast</u>	279,300	305,100	4.3	4.1	1,192,200	1,261,300
<u>Minnesota</u>	1,550,000	1,600,000	3.6	3.5	5,580,000	5,600,000

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, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Bushels		Bushels	
Becker	5,900	2,700	5,800	2,600	48.0	35.0	278,400	91,000
Clay	24,300	11,000	24,100	10,800	46.0	51.0	1,108,600	550,800
Clearwater	3,900	2,100	3,600	2,000	49.0	42.0	176,400	84,000
Kittson	36,000	19,000	35,600	18,800	67.0	67.0	2,385,200	1,259,600
Mahnomen	10,100	4,100	9,900	4,000	57.0	39.0	564,300	156,000
Marshall	82,200	24,000	77,700	22,800	56.0	36.0	4,351,200	820,800
Norman	27,800	14,000	27,600	13,800	47.0	46.0	1,297,200	634,800
Pennington	27,500	4,200	27,300	3,900	48.0	36.0	1,310,400	140,400
Polk	71,300	21,900	71,000	18,300	60.0	46.0	4,260,000	841,800
Red Lake	18,900	5,300	17,000	5,000	50.0	51.0	850,000	255,000
Roseau	34,100	7,900	29,800	7,000	46.0	35.0	1,370,800	245,000
Northwest	342,000	116,200	329,400	109,000	54.5	46.6	17,952,500	5,079,200
Beltrami	3,200	1,600	2,800	1,100	38.0	28.0	106,400	30,800
Lake of the Woods	2,700	--	2,600	--	47.0	--	122,200	--
Other Counties	1,800	1,600	1,700	1,400	43.4	28.0	73,800	39,200
North Central	7,700	3,200	7,100	2,500	42.6	28.0	302,400	70,000
Other Counties	400	300	400	300	39.0	31.0	15,600	9,300
Northeast	400	300	400	300	39.0	31.0	15,600	9,300
Douglas	2,900	2,800	2,600	2,500	55.0	45.0	143,000	112,500
Grant	4,200	3,600	4,000	3,400	67.0	43.0	268,000	146,200
Otter Tail	8,200	7,000	8,000	6,400	52.0	44.0	416,000	281,600
Traverse	4,500	3,100	4,500	3,000	67.0	52.0	301,500	156,000
Wilkin	16,600	11,300	16,300	11,200	66.0	52.0	1,075,800	582,400
Other Counties	2,400	2,600	2,200	2,400	57.9	51.1	127,400	122,700
West Central	38,800	30,400	37,600	28,900	62.0	48.5	2,331,700	1,401,400
Benton	1,100	1,900	1,000	1,700	62.0	46.0	62,000	78,200
Meeker	1,400	1,300	1,300	1,200	60.0	46.0	78,000	55,200
Morrison	2,200	2,600	1,900	2,500	50.0	43.0	95,000	107,500
Stearns	9,700	8,400	8,000	7,500	52.0	44.0	416,000	330,000
Todd	6,100	4,900	5,900	4,300	57.0	44.0	336,300	189,200
Wadena	2,200	1,800	2,100	1,500	51.0	41.0	107,100	61,500
Wright	1,200	1,100	900	800	57.0	51.0	51,300	40,800
Other Counties	3,500	3,400	2,800	2,400	57.4	44.3	160,600	106,300
Central	27,400	25,400	23,900	21,900	54.7	44.2	1,306,300	968,700
Other Counties	3,800	3,600	3,300	3,000	54.3	41.7	179,200	125,000
East Central	3,800	3,600	3,300	3,000	54.3	41.7	179,200	125,000
Pipestone	1,800	2,300	1,100	2,000	67.0	67.0	73,700	134,000
Other Counties	3,000	4,000	2,300	2,800	55.0	54.6	126,600	152,900
Southwest	4,800	6,300	3,400	4,800	58.9	59.8	200,300	286,900
Other Counties	2,400	2,100	1,500	1,500	55.7	50.2	83,500	75,300
South Central	2,400	2,100	1,500	1,500	55.7	50.2	83,500	75,300
Fillmore	2,400	2,100	1,200	1,800	59.0	63.0	70,800	113,400
Goodhue	3,100	3,100	2,300	1,800	55.0	58.0	126,500	104,400
Houston	1,400	1,600	700	800	54.0	57.0	37,800	45,600
Wabasha	1,900	1,700	1,600	1,200	48.0	51.0	76,800	61,200
Winona	1,600	1,900	1,000	1,300	59.0	51.0	59,000	66,300
Other Counties	2,300	2,100	1,600	1,200	51.6	44.4	82,600	53,300
Southeast	12,700	12,500	8,400	8,100	54.0	54.8	453,500	444,200
Minnesota	440,000	200,000	415,000	180,000	55.0	47.0	22,825,000	8,460,000

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

BARLEY: Percent Seeded, by Variety, Minnesota, 1995-99

Variety	Percent of State Total				
	1995	1996	1997	1998	1999
	Percent				
Excel	7.0	4.0	3.0	2.5	2.1
MNBrite	1/	1/	1/	1/	4.0
Morex	2.0	1.0	1.6	1/	1.5
Robust	44.0	42.0	44.5	60.6	63.9
Stander	43.0	50.0	48.4	32.0	25.0
Other 2/	4.0	3.0	2.7	3.8	3.7
State	100.0	100.0	100.0	100.0	100.0

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

2/ Other includes varieties with less than one percent of the state's barley acreage.

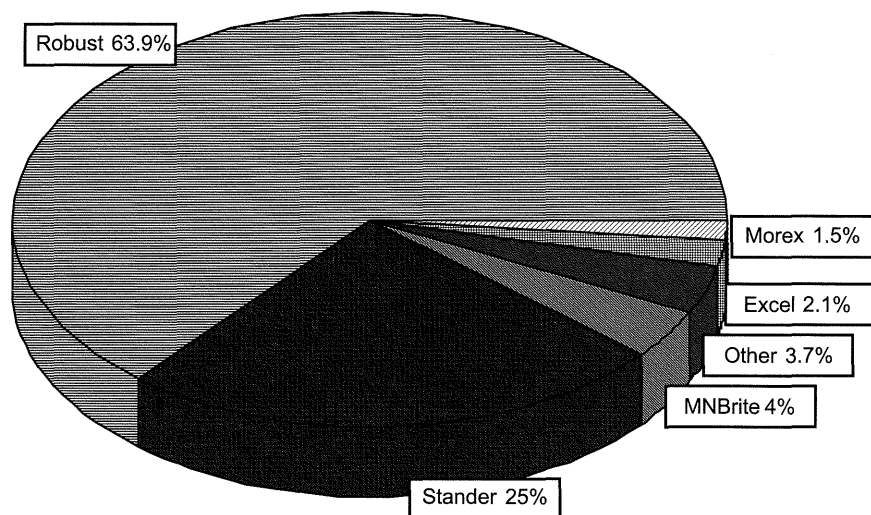
Note: Percents may not add to 100 due to rounding.



BARLEY: Percent of Acreage Seeded, by Variety, Minnesota, 1999

Variety	Northwest	West Central	Central	Southeast	Other Districts	State
	Percent					
Excel	1.0	5.0	4.3	2.0	11.0	2.1
MNBrite	4.9	2.0	0.7	2.0	1.1	4.0
Morex	0.9	4.0	2.9	3.1	1.1	1.5
Robust	67.8	66.8	56.1	24.5	48.4	63.9
Stander	23.7	18.8	23.0	57.1	27.5	25.0
Other	1.8	3.5	12.9	11.2	11.0	3.7

BARLEY, PERCENT OF TOTAL SEEDED, MINNESOTA, 1999



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

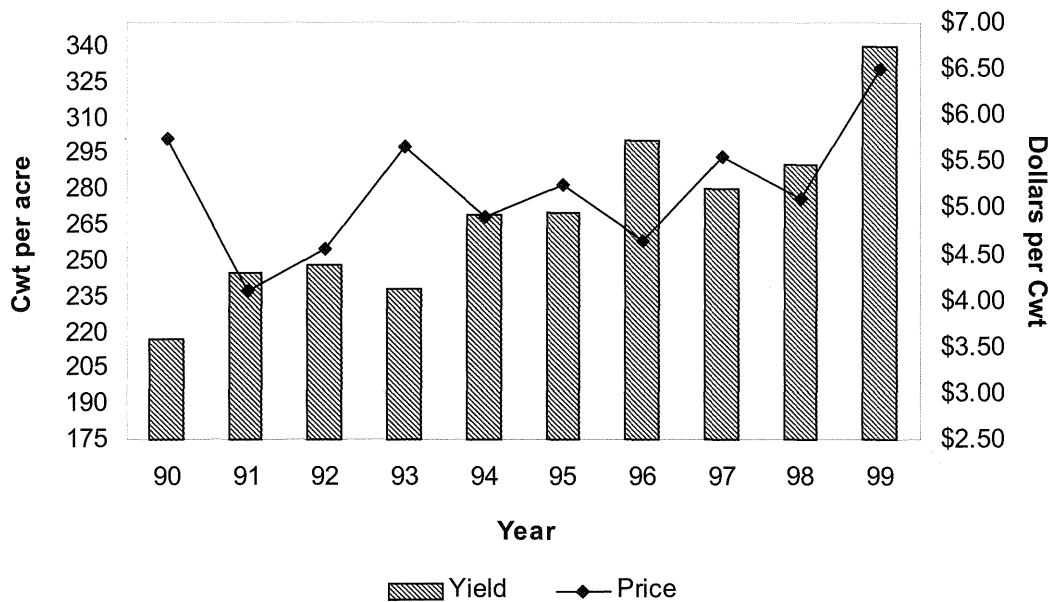
POTATOES: Acreage, Yield, and Production, by County and District, Minnesota, 1998-99

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres	Acres	Acres	Acres	Cwt	Cwt	Cwt	Cwt
Clay	5,500	4,500	3,700	2,700	180	100	666,000	270,000
Kittson	2,500	2,700	1,900	2,000	145	105	275,500	210,000
Marshall	5,900	4,700	3,900	1,500	115	70	448,500	105,000
Polk	12,200	11,000	10,800	4,600	190	150	2,052,000	690,000
Red Lake	1,500	1,400	1,300	600	170	140	221,000	84,000
Morrison	4,000	3,000	3,900	2,900	410	445	1,599,000	1,290,500
Sherburne	6,600	5,300	6,400	5,100	330	370	2,112,000	1,887,000
Todd	3,000	2,200	2,900	2,100	390	415	1,131,000	871,500
Freeborn	3,000	2,900	2,700	2,500	180	215	486,000	537,500
All Other Counties	37,800	32,300	35,500	29,000	343	416	12,179,000	12,074,500
Minnesota	82,000	70,000	73,000	53,000	290	340	21,170,000	18,020,000

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under All Other Counties. Also, counties where one producer represents more than 60% of the total county, data are not listed separately but are combined under All Other Counties.

POTATO YIELDS AND PRICES

Minnesota



SUGARBEETS: Acreage, Yield, and Production, by County and District, Minnesota, 1998-99

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Tons		Tons	
Becker	7,300	10,100	7,000	9,800	24	18	165,700	179,200
Clay	65,500	62,400	58,100	60,500	18	20	1,068,400	1,185,700
Kittson	32,500	34,700	32,100	33,700	22	19	696,700	648,000
Mahnomen	5,500	5,400	5,400	5,300	24	17	130,800	89,600
Marshall	39,700	38,300	38,900	37,600	22	17	854,500	646,200
Norman	43,500	44,600	40,800	41,900	21	19	870,800	800,600
Polk	102,500	100,900	101,400	99,600	24	21	2,392,600	2,050,500
Other Counties	1,300	700	1,300	700	22	19	28,300	13,100
Northwest	297,800	297,100	285,000	289,100	22	19	6,207,800	5,612,900
Chippewa	31,400	33,100	31,300	32,900	22	21	695,300	701,300
Grant	9,700	10,500	9,600	10,300	20	20	186,900	206,100
Otter Tail	3,200	3,600	3,200	3,600	20	21	64,600	76,800
Pope	--	1,500	--	1,500	--	24	--	36,100
Stevens	1,200	1,900	1,200	1,900	24	23	29,100	42,900
Swift	5,600	5,100	5,600	5,000	23	20	127,900	100,600
Traverse	8,200	9,100	8,000	8,800	17	20	133,900	174,400
Wilkin	45,000	44,300	44,000	44,200	19	23	815,600	993,100
Yellow Medicine	2,600	3,200	2,600	3,200	22	21	57,600	66,300
Other Counties	1,300	1,700	1,300	1,700	15	18	19,000	30,900
West Central	108,200	114,000	106,800	113,100	20	22	2,129,900	2,428,500
Kandiyohi	17,200	14,300	17,100	14,300	23	23	399,900	323,400
McLeod	1,800	1,000	1,800	1,000	20	21	36,200	20,800
Meeker	2,000	2,200	2,000	2,100	22	22	44,700	45,100
Renville	39,800	41,500	39,100	40,800	19	20	759,500	811,700
Sibley	2,800	4,800	2,800	4,700	20	21	57,200	99,700
Other Counties	200	100	200	100	27	29	5,300	2,900
Central	63,800	63,900	63,000	63,000	21	21	1,302,800	1,303,600
Southwest	3,000	4,600	3,000	4,500	22	21	64,700	94,600
Other Districts	200	400	200	300	24	25	4,800	7,400
Minnesota	473,000	480,000	458,000	470,000	21	20	9,710,000	9,447,000

1/ Counties with less than 1,000 acres planted for all purposes are not listed separately, but are combined under Other Counties. 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, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Pounds</u>		<u>Cwt</u>	
Becker	4,600	5,600	4,400	4,000	1,600	1,300	70,400	52,000
Clay	6,800	7,500	5,800	4,900	1,400	1,400	81,200	68,600
Kittson	6,400	9,000	5,700	4,900	1,400	1,400	79,800	68,600
Mahnomen	5,300	6,900	5,100	5,900	1,500	1,300	76,500	76,700
Marshall	25,000	19,200	18,200	10,100	1,100	1,400	200,200	141,400
Norman	9,200	9,700	8,400	7,900	1,100	1,300	92,400	102,700
Pennington	1,600	--	1,400	--	1,000	--	14,000	--
Polk	59,300	61,500	56,700	45,800	1,500	1,500	850,500	687,000
Red Lake	--	1,700	--	1,000	--	1,300	--	13,000
Other Counties	1,800	1,300	1,600	800	1,119	1,300	17,900	10,400
Northwest	120,000	122,400	107,300	85,300	1,382	1,431	1,482,900	1,220,400
Hubbard	8,500	9,400	8,400	9,100	1,400	1,500	117,600	136,500
Other Counties	1,300	600	1,200	500	1,150	1,440	13,800	7,200
North Central	9,800	10,000	9,600	9,600	1,369	1,497	131,400	143,700
Chippewa	1,900	3,400	1,800	3,300	1,900	1,800	34,200	59,400
Grant	3,000	6,400	2,900	6,100	1,800	1,500	52,200	91,500
Otter Tail	16,500	14,700	16,000	14,400	1,300	1,500	208,000	216,000
Pope	2,100	3,000	2,000	2,900	1,400	1,500	28,000	43,500
Stevens	--	2,000	--	1,900	--	2,600	--	49,400
Swift	2,900	4,900	2,800	4,800	1,700	2,200	47,600	105,600
Traverse	--	1,500	--	1,400	--	1,600	--	22,400
Wilkin	2,900	2,900	2,800	2,800	1,400	1,400	39,200	39,200
Other Counties	3,200	2,300	3,100	2,200	1,681	1,673	52,100	36,800
West Central	32,500	41,100	31,400	39,800	1,469	1,668	461,300	663,800
Kandiyohi	4,000	4,300	3,900	4,000	1,500	1,900	58,500	76,000
Morrison	4,000	4,900	3,900	4,800	1,800	1,800	70,200	86,400
Renville	3,700	6,500	3,600	6,300	2,000	1,600	72,000	100,800
Sherburne	2,500	1,900	2,400	1,800	1,900	1,700	45,600	30,600
Stearns	3,400	3,000	3,300	2,900	1,700	1,600	56,100	46,400
Todd	1,600	1,200	1,500	1,100	1,600	1,800	24,000	19,800
Wadena	5,400	5,300	5,200	5,200	1,700	1,900	88,400	98,800
Other Counties	1,600	2,800	1,500	2,700	1,833	1,781	27,500	48,100
Central	26,200	29,900	25,300	28,800	1,748	1,760	442,300	506,900
Other Districts	1,500	1,600	1,400	1,500	1,436	1,547	20,100	23,200
Minnesota	190,000	205,000	175,000	165,000	1,450	1,550	2,538,000	2,558,000

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.

**ALL SUNFLOWERS: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Pounds</u>		<u>Pounds</u>	
Becker	--	1,900	--	1,800	--	1,442	--	2,595,000
Clay	6,700	14,200	6,600	14,000	1,535	1,844	10,130,000	25,820,000
Clearwater	--	1,100	--	1,100	--	1,300	--	1,430,000
Kittson	11,000	12,300	10,400	11,700	1,367	1,174	14,220,000	13,735,000
Mahnomen	2,300	1,900	2,200	1,900	1,395	1,395	3,070,000	2,650,000
Marshall	16,600	11,500	16,300	9,700	1,286	916	20,955,000	8,885,000
Norman	7,300	15,700	7,000	15,200	1,389	1,377	9,720,000	20,925,000
Pennington	10,600	4,800	10,300	4,400	1,257	1,076	12,950,000	4,735,000
Polk	11,200	21,700	10,700	19,200	1,437	1,375	15,375,000	26,405,000
Red Lake	10,100	6,800	9,800	5,900	1,434	1,107	14,050,000	6,530,000
Roseau	37,900	7,900	36,500	5,700	1,200	761	43,800,000	4,335,000
Other Counties	3,000	--	2,800	--	1,389	--	3,890,000	--
<u>Northwest</u>	116,700	99,800	112,600	90,600	1,316	1,303	148,160,000	118,045,000
Other Counties	1,000	1,000	900	800	1,194	1,131	1,075,000	905,000
<u>North Central</u>	1,000	1,000	900	800	1,194	1,131	1,075,000	905,000
Otter Tail	3,200	5,600	3,000	5,500	1,500	1,637	4,500,000	9,005,000
Wilkin	4,000	15,600	3,800	15,200	1,421	1,531	5,400,000	23,270,000
Other Counties	1,200	2,300	1,200	2,300	1,233	1,365	1,480,000	3,140,000
<u>West Central</u>	8,400	23,500	8,000	23,000	1,423	1,540	11,380,000	35,415,000
Morrison	1,400	1,200	1,200	1,200	1,300	1,750	1,560,000	2,100,000
Todd	1,400	3,200	1,300	3,100	1,300	1,652	1,690,000	5,120,000
Other Counties	200	500	200	500	1,250	1,390	250,000	695,000
<u>Central</u>	3,000	4,900	2,700	4,800	1,296	1,649	3,500,000	7,915,000
<u>Other Districts</u>	900	800	800	800	1,044	1,213	835,000	970,000
<u>Minnesota</u>	130,000	130,000	125,000	120,000	1,320	1,360	164,950,000	163,250,000

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OIL SUNFLOWERS: Acreage, Yield, and Production, by County and District, Minnesota, 1998-99

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Pounds		Pounds	
Becker	--	1,500	--	1,500	--	1,450	--	2,175,000
Clay	6,300	12,800	6,200	12,700	1,550	1,900	9,610,000	24,130,000
Clearwater	--	1,100	--	1,100	--	1,300	--	1,430,000
Kittson	3,800	5,900	3,600	5,800	1,400	1,300	5,040,000	7,540,000
Mahnomen	2,200	1,700	2,100	1,700	1,400	1,400	2,940,000	2,380,000
Marshall	13,000	7,800	12,800	7,500	1,350	950	17,280,000	7,125,000
Norman	2,800	8,200	2,700	8,100	1,450	1,400	3,915,000	11,340,000
Pennington	8,200	3,200	8,100	3,100	1,300	1,150	10,530,000	3,565,000
Polk	8,000	10,100	7,900	9,700	1,450	1,400	11,455,000	13,580,000
Red Lake	7,400	4,200	7,200	3,700	1,500	1,200	10,800,000	4,440,000
Roseau	24,100	3,000	23,200	2,100	1,200	950	27,840,000	1,995,000
Other Counties	2,600	--	2,400	--	1,429	--	3,430,000	--
Northwest	78,400	59,500	76,200	57,000	1,350	1,398	102,840,000	79,700,000
Otter Tail	3,200	5,400	3,000	5,300	1,500	1,650	4,500,000	8,745,000
Wilkin	3,200	8,400	3,000	8,200	1,400	1,600	4,200,000	13,120,000
Other Counties	1,100	1,000	1,100	1,000	1,227	1,450	1,350,000	1,450,000
West Central	7,500	14,800	7,100	14,500	1,415	1,608	10,050,000	23,315,000
Morrison	1,400	1,200	1,200	1,200	1,300	1,750	1,560,000	2,100,000
Todd	1,400	2,700	1,300	2,600	1,300	1,700	1,690,000	4,420,000
Other Counties	200	500	200	500	1,250	1,390	250,000	695,000
Central	3,000	4,400	2,700	4,300	1,296	1,678	3,500,000	7,215,000
Other Districts	1,100	1,300	1,000	1,200	1,060	1,183	1,060,000	1,420,000
Minnesota	90,000	80,000	87,000	77,000	1,350	1,450	117,450,000	111,650,000

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, 1998-99

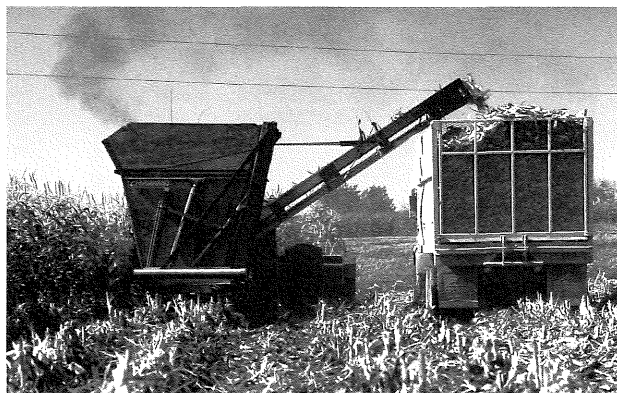
County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	Acres		Acres		Bushels		Bushels	
Kittson	8,100	5,100	7,600	5,000	20.0	32.0	152,000	160,000
Marshall	7,400	2,100	6,900	1,800	17.0	20.0	117,300	36,000
Pennington	1,200	--	1,000	--	13.0	--	13,000	--
Roseau	9,500	1,200	8,100	800	13.0	19.0	105,300	15,200
Other Counties	1,700	3,500	1,500	3,400	12.5	19.6	18,700	66,500
Northwest	27,900	11,900	25,100	11,000	16.2	25.2	406,300	277,700
Lake of the Woods	1,400	--	1,200	--	14.0	--	16,800	--
Other Counties	300	--	300	--	13.0	--	3,900	--
North Central	1,700	--	1,500	--	13.8	--	20,700	--
Other Districts	400	1,100	400	1,000	12.5	22.3	5,000	22,300
Minnesota	30,000	13,000	27,000	12,000	16.0	25.0	432,000	300,000

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**SWEET CORN FOR PROCESSING: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Pope	1,800	2,000	1,700	1,900	6.71	6.63	11,400	12,600
Other Counties	800	1,000	800	1,000	6.38	6.20	5,100	6,200
West Central	2,600	3,000	2,500	2,900	6.60	6.48	16,500	18,800
Kandiyohi	2,500	1,600	2,400	1,500	6.33	6.80	15,200	10,200
McLeod	3,000	2,500	2,900	2,400	6.21	7.00	18,000	16,800
Meeker	1,300	1,100	1,300	1,100	6.54	6.45	8,500	7,100
Renville	25,500	23,500	25,200	23,100	6.70	6.50	168,800	150,170
Sherburne	1,500	1,500	1,500	1,500	6.33	6.20	9,500	9,300
Sibley	7,400	7,300	7,200	7,200	6.22	6.90	44,800	49,700
Stearns	1,800	1,300	1,800	1,300	6.00	6.38	10,800	8,300
Other Counties	900	1,300	900	1,200	6.22	6.33	5,600	7,600
Central	43,900	40,100	43,200	39,300	6.51	6.59	281,200	259,170
Redwood	6,000	6,300	5,700	6,200	6.33	6.31	36,100	39,100
Other Counties	100	200	100	200	6.00	6.00	600	1,200
Southwest	6,100	6,500	5,800	6,400	6.33	6.30	36,700	40,300
Blue Earth	1,400	1,600	1,400	1,600	5.57	5.50	7,800	8,800
Brown	10,200	10,800	9,900	10,700	5.61	6.30	55,500	67,400
Faribault	8,300	7,600	8,200	7,500	6.28	6.00	51,500	45,000
Freeborn	6,600	6,100	6,500	6,000	6.20	6.30	40,300	37,800
Le Sueur	1,500	1,900	1,500	1,900	5.80	6.00	8,700	11,400
Martin	2,100	2,100	2,100	2,100	6.05	5.81	12,700	12,200
Nicollet	3,100	3,400	3,000	3,300	6.23	6.52	18,700	21,500
Steele	4,000	3,300	3,900	3,300	6.56	6.00	25,600	19,800
Waseca	4,900	5,300	4,800	5,200	6.25	6.10	30,000	31,700
Other Counties	700	1,100	700	1,100	6.00	6.18	4,200	6,800
South Central	42,800	43,200	42,000	42,700	6.07	6.15	255,000	262,400
Dakota	4,500	3,800	4,400	3,800	5.91	7.11	26,000	27,000
Dodge	5,600	4,100	5,500	4,100	6.27	7.00	34,500	28,700
Fillmore	1,200	1,000	1,200	1,000	7.25	6.00	8,700	6,000
Goodhue	4,600	4,900	4,500	4,900	6.69	6.90	30,100	33,800
Mower	6,700	6,600	6,600	6,500	7.03	6.31	46,400	41,000
Olmsted	8,100	8,500	7,900	8,400	6.49	6.10	51,300	51,200
Wabasha	4,400	4,400	4,300	4,400	6.53	6.30	28,100	27,700
Other Counties	600	600	600	600	7.00	6.33	4,200	3,800
Southeast	35,700	33,900	35,000	33,700	6.55	6.50	229,300	219,200
Other Districts	800	700	700	700	5.74	6.29	4,020	4,400
Minnesota	131,900	127,400	129,200	125,700	6.37	6.40	822,720	804,270

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.



**GREEN PEAS FOR PROCESSING: Acreage, Yield, and Production,
by County and District, Minnesota, 1998-99**

County and District 1/	Planted Acreage		Harvested Acreage		Yield Per Harvested Acre		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Tons</u>		<u>Tons</u>	
Other Counties	3,400	3,000	3,200	2,700	1.50	1.30	4,800	3,500
Northwest	3,400	3,000	3,200	2,700	1.50	1.30	4,800	3,500
Other Counties	--	1,800	--	1,700	--	1.35	--	2,300
West Central	--	1,800	--	1,700	--	1.35	--	2,300
Kandiyohi	1,400	1,500	1,100	1,400	1.64	1.64	1,800	2,300
McLeod	1,200	1,200	700	1,100	1.57	1.27	1,100	1,400
Meeker	1,800	1,900	1,300	1,800	1.46	1.50	1,900	2,700
Renville	15,100	15,600	13,000	14,300	1.58	1.40	20,600	20,000
Sibley	6,300	6,000	5,400	5,700	1.59	1.60	8,600	9,100
Other Counties	400	1,200	300	1,100	1.67	1.45	500	1,600
Central	26,200	27,400	21,800	25,400	1.58	1.46	34,500	37,100
Redwood	3,000	3,900	2,800	3,700	2.29	2.19	6,400	8,100
Other Counties	200	200	200	200	1.50	1.50	300	300
Southwest	3,200	4,100	3,000	3,900	2.23	2.15	6,700	8,400
Blue Earth	2,000	1,600	1,600	1,200	1.38	1.42	2,200	1,700
Brown	6,300	7,700	5,500	6,200	1.76	1.79	9,700	11,100
Faribault	3,000	2,700	2,500	2,200	1.44	1.09	3,600	2,400
Freeborn	2,400	2,200	1,700	1,800	1.53	1.17	2,600	2,100
Le Sueur	1,400	--	1,300	--	1.38	--	1,800	--
Martin	2,100	2,100	1,600	1,900	1.69	1.21	2,700	2,300
Nicollet	2,100	2,000	1,700	1,800	1.35	1.22	2,300	2,200
Steele	4,100	4,000	3,700	2,900	1.95	1.31	7,200	3,800
Waseca	3,000	2,800	2,600	2,500	1.65	1.28	4,300	3,200
Watonwan	--	1,400	--	1,200	--	1.42	--	1,700
Other Counties	2,100	1,900	1,800	1,500	1.61	1.53	2,900	2,300
South Central	28,500	28,400	24,000	23,200	1.64	1.41	39,300	32,800
Dakota	4,300	4,800	3,500	4,600	1.31	1.41	4,600	6,500
Dodge	2,400	2,600	2,200	2,500	1.41	1.60	3,100	4,000
Goodhue	3,200	3,400	2,300	3,000	1.70	1.60	3,900	4,800
Mower	7,700	7,200	5,100	6,500	1.61	1.31	8,200	8,500
Olmsted	4,800	5,000	4,000	4,800	1.68	2.00	6,700	9,600
Wabasha	1,900	1,700	1,700	1,600	1.59	1.88	2,700	3,000
Other Counties	1,700	1,600	1,400	1,400	1.79	1.57	2,500	2,200
Southeast	26,000	26,300	20,200	24,400	1.57	1.58	31,700	38,600
Other Districts	700	100	700	100	1.79	1.40	1,250	140
Minnesota	88,000	91,100	72,900	81,400	1.62	1.51	118,250	122,840

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GRAIN AND HAY STOCKS: Specified Crops by Storage Position, Minnesota, 1996-2000

Year	On-Farm				All Storage Positions			
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
Corn								
	<u>1,000 Bushels</u>							
1996	320,000	145,000	25,000	555,000	471,643	221,883	44,204	689,934
1997	390,000	210,000	55,000	580,000	500,616	288,486	98,454	742,876
1998	410,000	270,000	115,000	680,000	544,078	355,707	175,730	903,436
1999	540,000	410,000	135,000	700,000	723,690	523,332	260,542	923,563
2000	540,000				730,196			
Soybeans								
	<u>1,000 Bushels</u>							
1996	90,000	52,000	11,000	120,000	150,941	91,078	22,171	182,877
1997	84,000	37,000	6,300	145,000	127,983	62,567	13,888	211,474
1998	100,000	52,000	11,000	160,000	141,869	76,045	21,866	245,920
1999	125,000	82,000	28,000	165,000	183,691	121,342	52,622	246,681
2000	125,000				184,604			
All Wheat								
	<u>1,000 Bushels</u>							
1996	22,000	5,000	90,000	60,000	55,179	27,154	120,228	84,769
1997	34,000	20,000	65,000	52,000	56,256	36,725	96,969	80,557
1998	30,000	17,000	60,000	48,000	55,115	35,613	95,465	74,591
1999	36,000	23,000	67,000	42,000	59,426	40,394	106,689	71,249
2000	31,000				58,704			
Oats								
	<u>1,000 Bushels</u>							
1996	7,000	3,500	11,000	9,000	24,024	13,962	20,123	24,826
1997	7,000	3,000	11,000	9,000	18,736	10,881	21,037	26,632
1998	6,400	3,100	14,000	10,000	21,675	14,697	27,509	31,819
1999	8,000	5,600	12,500	9,000	25,260	17,290	25,341	26,822
2000	7,000				23,782			
Barley								
	<u>1,000 Bushels</u>							
1996	8,500	4,000	21,000	16,500	39,634	26,220	43,375	39,662
1997	12,000	5,500	16,000	11,500	33,351	27,654	37,831	33,936
1998	7,000	3,500	15,500	11,500	31,893	27,444	39,572	37,064
1999	6,500	4,000	6,500	4,000	34,710	32,758	34,508	33,985
2000	3,000				35,337			
All Hay								
	<u>1,000 Tons</u>							
1996			694	4,018			Off-Farm Hay Stocks	
1997			540	3,647			Not Estimated	
1998			640	5,261				
1999			1,493	5,286				
2000			1,570					

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

CROP MARKETINGS: Percent Marketed by Month, Minnesota, 1995-99

Crop Marketing Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Corn												
	<u>Percent</u>											
1995-96	17	11	6	10	7	8	10	9	9	7	3	3
1996-97	10	13	7	10	8	7	7	7	7	9	9	6
1997-98	14	9	6	8	6	5	4	7	14	8	10	9
1998-99	13	9	6	7	6	7	4	5	7	11	15	10
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Soybeans												
	<u>Percent</u>											
1995-96	10	20	8	6	7	5	8	7	5	8	10	6
1996-97	6	25	5	6	14	7	7	8	7	5	5	5
1997-98	8	19	6	6	8	7	6	5	6	12	10	7
1998-99	11	20	7	5	7	5	8	6	4	7	9	11
Dry Edible Beans												
	<u>Percent</u>											
1995-96	30	16	8	5	5	6	15	4	3	4	1	3
1996-97	34	19	7	3	3	2	3	5	10	8	4	2
1997-98	21	19	13	7	7	7	5	3	3	4	4	7
1998-99	45	11	9	9	6	5	2	2	6	3	1	1
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
All Wheat												
	<u>Percent</u>											
1995-96	7	16	11	6	7	11	9	6	10	6	6	5
1996-97	3	17	14	7	6	10	11	7	9	10	3	3
1997-98	7	18	11	3	4	11	6	5	8	6	7	14
1998-99	9	15	7	7	8	12	5	5	9	7	6	10
Oats												
	<u>Percent</u>											
1995-96	15	29	10	5	5	6	4	5	5	7	4	5
1996-97	18	30	12	4	4	3	4	4	4	7	6	4
1997-98	7	44	12	4	1	3	3	3	6	6	3	8
1998-99	24	21	5	6	5	5	5	7	5	8	3	6
Barley												
	<u>Percent</u>											
1995-96	9	13	11	7	13	11	10	6	4	5	2	9
1996-97	6	14	14	4	6	7	11	12	8	7	5	6
1997-98	15	19	19	10	4	9	3	4	2	2	3	10
1998-99	19	8	6	4	6	11	11	12	8	3	4	8
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
All Hay												
	<u>Percent</u>											
1995-96	8	11	11	12	7	2	6	7	10	13	5	8
1996-97	8	11	10	11	7	2	6	8	9	14	5	9
1997-98	9	8	6	5	6	8	9	10	11	12	11	5
1998-99	9	8	6	5	7	8	6	10	12	14	7	8



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 18,500 acres in the counties of Aitkin, Beltrami, Cass, Clearwater, Crow Wing, Itasca, Koochiching, Lake of the Woods, Polk, and Pennington.

In 1999, cultivated wild rice production was 6.2 million processed pounds, up 7% from 1998.

Source: Minnesota Cultivated Wild Rice Council

MINNESOTA FERTILIZER USE

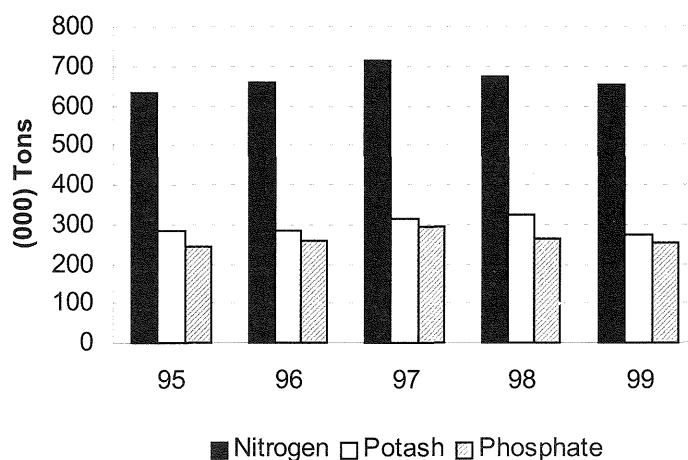
Minnesota fertilizer consumption totaled 2.21 million tons for the year ending June 30, 1999, a decrease of 7% from the previous year. Minnesota was the 8th ranking state in total tonnage.

Usage of the primary nutrients is shown on the chart; nitrogen decreased 3% from 1998, phosphate (P_2O_5) usage decreased 3%, and potash (K_2O) usage decreased 16%.

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

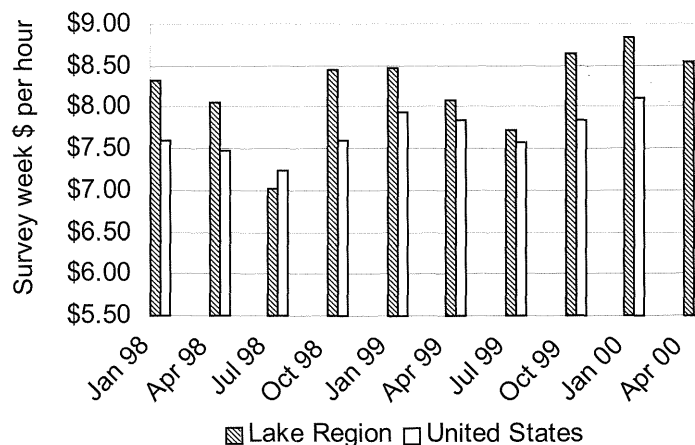
MINNESOTA'S USE OF PRIMARY NUTRIENTS AS FERTILIZER



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, establish assistance for farm workers, and to define the nation's need for farm labor.

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

ALL HIRED WORKERS
Wage Rate Comparisons**HIRED WORKERS: Annual Average Wage Rates, Minnesota 1995-1999**

Year	All Hired	Field	Field & Livestock
<u>Dollars per Hour</u>			
1995	6.91	6.84	6.61
1996	7.85	7.75	7.44
1997	8.16	8.38	7.73
1998	8.68	8.10	8.01
1999	8.53	8.67	8.26

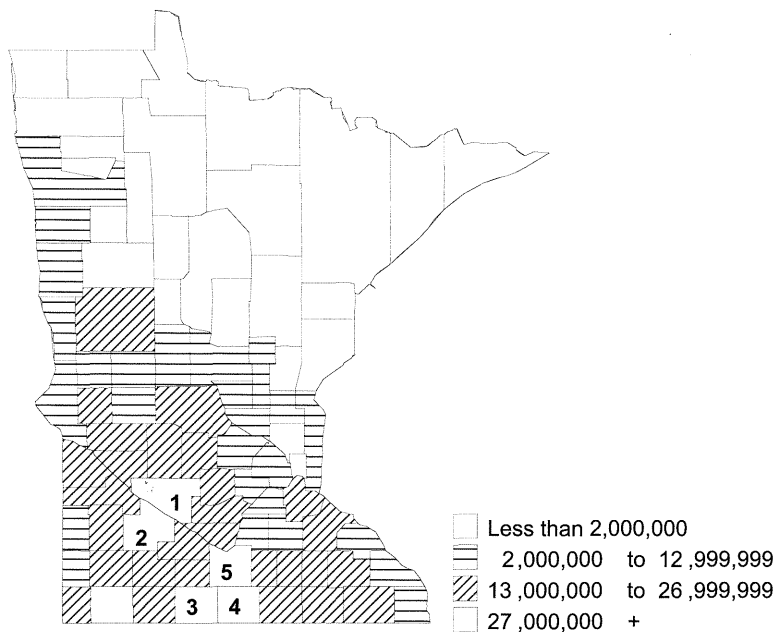
FARM LABOR: Farm Workers and Wages by Type of Work, Lake Region, 1998-2000 1/

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					
		<u>1,000 Workers</u>		<u>Hours</u>		<u>Dollars Per Hour</u>		
1998								
January	41	35	6	32.1	8.32	7.74	7.16	7.35
April	59	46	13	33.7	8.06	7.39	7.43	7.41
July	72	40	32	37.3	7.01	6.95	6.41	6.77
October	59	38	21	39.6	8.45	8.23	7.40	7.99
1999								
January	42	37	5	34.9	8.48	8.43	7.33	7.59
April	55	39	16	37.8	8.09	7.95	7.03	7.54
July	88	46	42	36.7	7.73	7.35	7.15	7.29
October	72	49	23	38.9	8.64	8.42	7.71	8.18
2000								
January	48	39	9	31.4	8.83	8.72	7.96	8.11
April	53	33	20	35.8	8.55	7.79	7.77	7.78

1/ Lake Region = Minnesota, Michigan, Wisconsin.

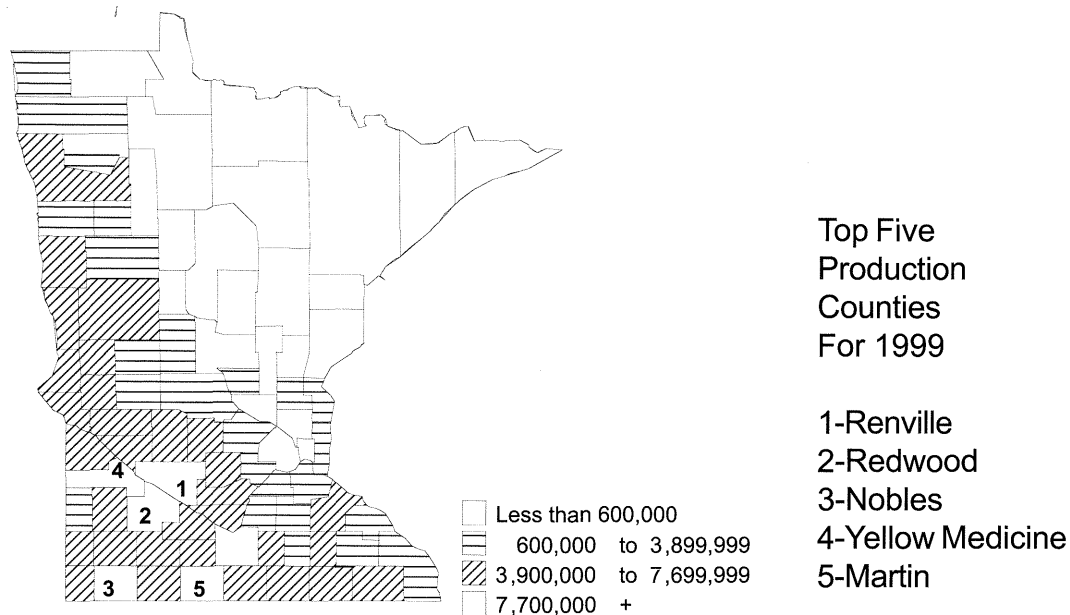
CORN

Bushels Produced in 1999

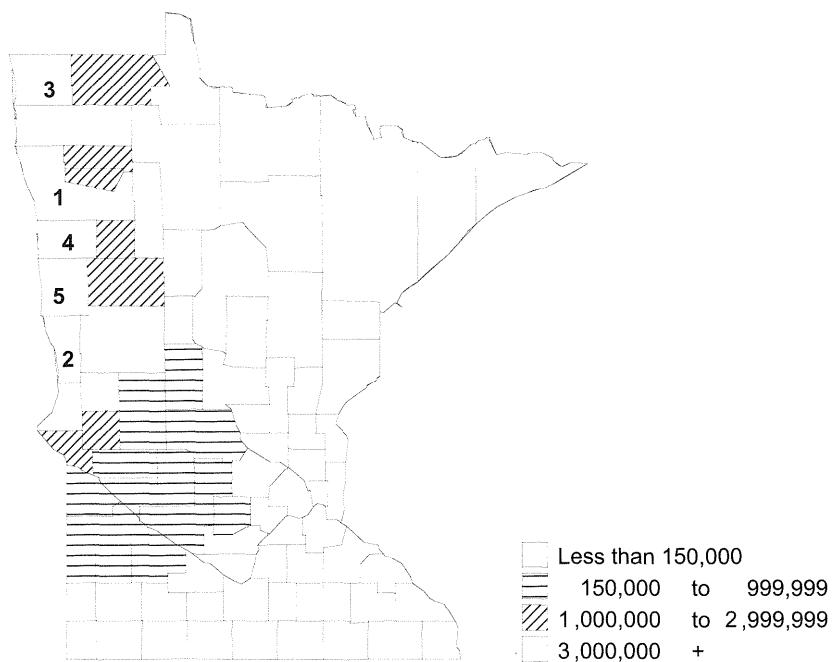


SOYBEANS

Bushels Produced in 1999



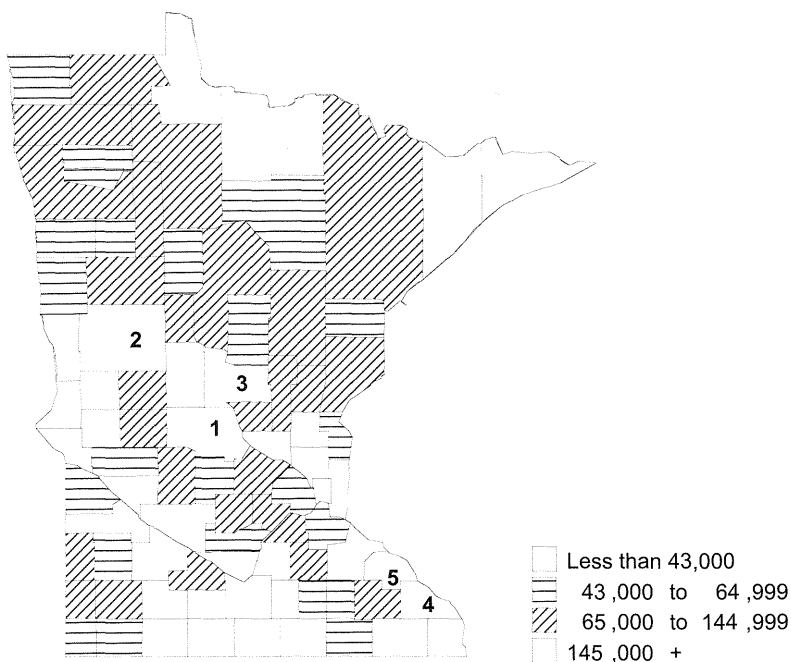
ALL WHEAT Bushels Produced in 1999



Top Five
Production
Counties
For 1999

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

ALL HAY Tons Produced in 1999

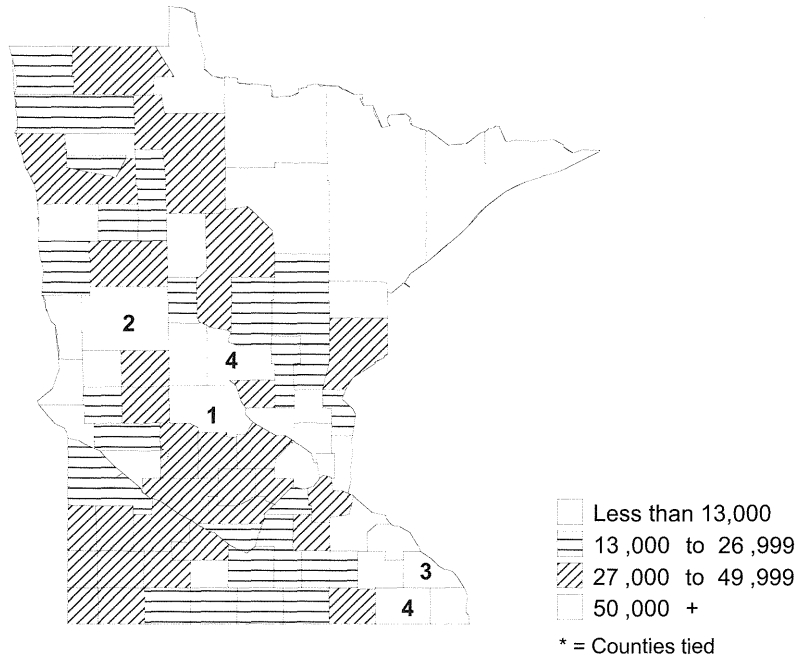


Top Five
Production
Counties
For 1999

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

ALL CATTLE & CALVES

Number of Head, January 1, 2000

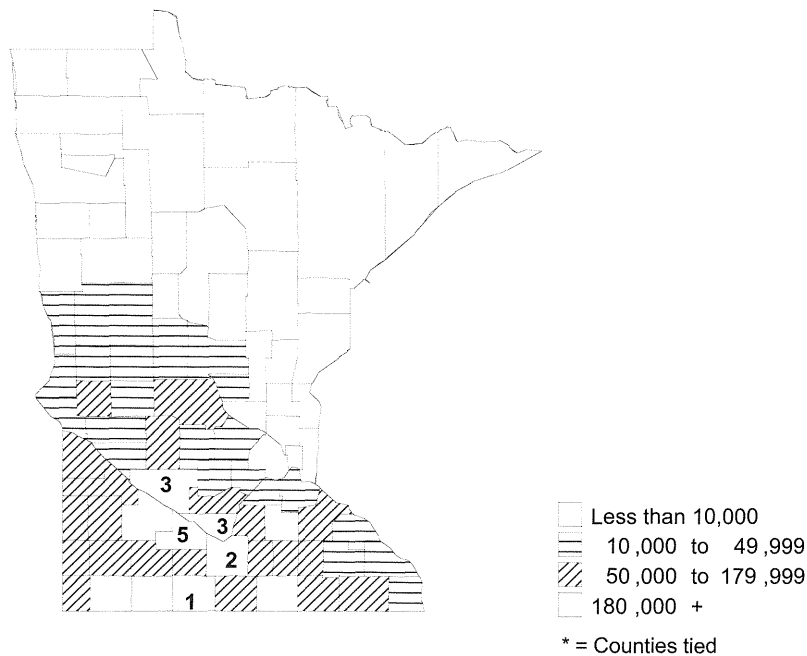


Top Five
All Cattle
& Calves
Counties
For 1999

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

ALL HOGS

Number of Head, December 1, 1999

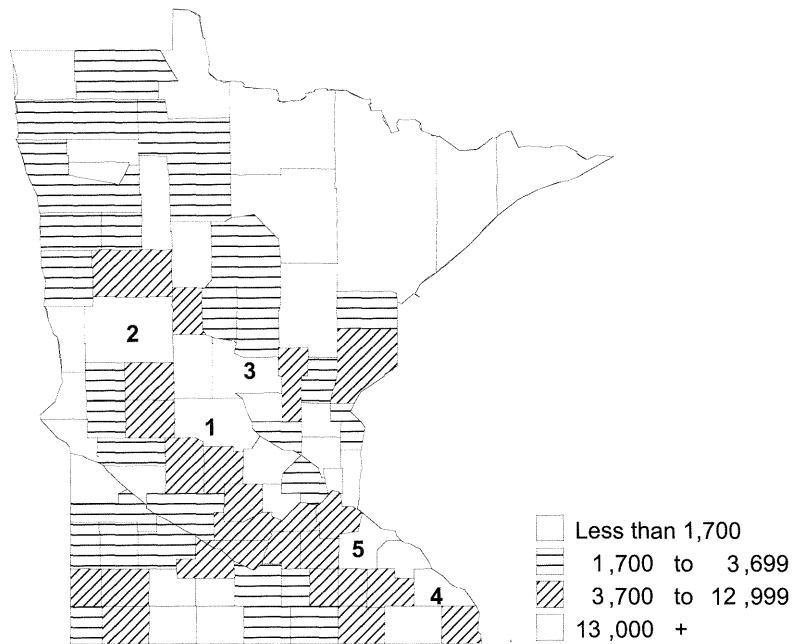


Top Five
All Hog
Counties
For 1999

1-Martin
2-Blue Earth
3-Nicollet*
3-Renville*
5-Brown

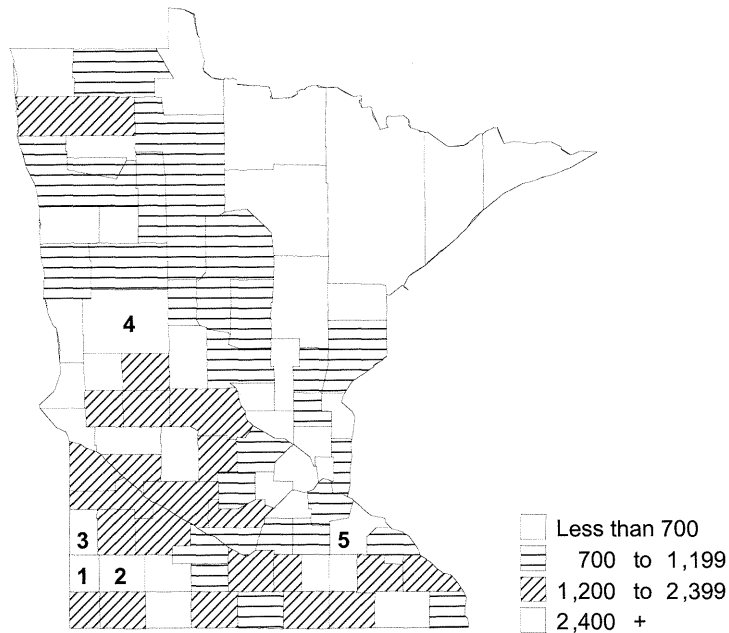
MILK COWS

Number of Head, January 1, 2000



ALL BREEDING SHEEP & LAMBS

Number of Head, January 1, 2000



LIVESTOCK SUMMARY

Cattle numbers on Minnesota farms on January 1, 2000, increased 2% from a year earlier. Minnesota's 1999 calf crop at 900,000 was unchanged from 1998. Meanwhile, sheep and lambs were down 6% from January 1, 1999. The inventory of all hogs on December 1, 1999 was down 4% from a year earlier. Farrowings at 1,035,000 in 1999 were down 4% from the previous year. A crop of 9,289,000 pigs was produced in the state during 1999, a decrease of 3% from 1998. The average annual litter rate of 8.97 was a record high for the state. All chickens on farms were up 7% from a year earlier.

The combined value of all livestock and poultry on Minnesota farms was \$2.4 billion at the end of 1999. All cattle and calves, valued at \$1.9 billion, were 16% above a year earlier. The value of hogs on hand on December 1, 1999, accounted for \$457 million, up 57%; all sheep and lambs, \$15.5 million, down 3%; and all chickens, \$28.3 million, up 1%.

Cattle and hog operations both dropped 1,000 from a year ago. Beef cow operations remained unchanged from last year. Operations with milk cows were down 600 while sheep operations were up 100.



LIVESTOCK: January 1 Inventory, Minnesota, 1996-2000

Year	All Cattle	Cattle on Feed	Milk Cows	Beef Cows	Hogs 1/	All Sheep
			1,000 Head			
1996	2,750	325	585	435	4,950	185
1997	2,650	285	580	410	4,850	180
1998	2,500	265	555	395	5,700	165
1999	2,500	270	545	385	5,700	175
2000	2,550	285	540	400	5,500	165

1/ Inventory as of December 1 previous year.

LIVESTOCK: Number of Operations, Minnesota, 1995-99 1/

Year	Number of Operations With					
	All Cattle	Cattle on Feed	Milk Cows	Beef Cows	Hogs	All Sheep
			Operations			
1995	33,000	8,000	12,000	16,000	10,500	3,400
1996	33,000	2/	11,000	16,000	9,500	3,200
1997	33,000		10,500	16,000	9,000	2,900
1998	31,000		9,700	15,800	8,500	2,600
1999	30,000		9,100	15,800	7,500	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.

2/ Number of Operations for Cattle on Feed discontinued.

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

Item	Number	Record High Date	Item	Number	Record High Date
All Cattle			Annual Pig Crop:		
Inventories:		Jan 1,	Minnesota	9,612,000	1998
Minnesota	4,518,000	1964 & 1965	United States	121,807,000	1944
United States	132,028,000	1975			
Beef Cows:			Annual Milk Production (Mil. Lbs.):		
Minnesota	751,000	1976	Minnesota	11,155	1964
United States	45,712,000	1975	United States	162,711	1999
Milk Cows:			Milk Production Per Cow (Lbs.):		
Minnesota	1,893,000	1934	Minnesota	17,391	1999
United States	27,770,000	1945	United States	17,771	1999
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	5,700,000	1998	United States	32,610,000	1941
June 1: 2/			All Chickens:		Dec 1,
Minnesota	5,928,000	1951	Minnesota	31,742,000	1944
September 1: 1/			United States	582,197,000	1944
Minnesota	6,000,000	1998	Eggs Per Layer:		
December 1: 1/			Minnesota	262	1998
Minnesota	5,700,000	1997 & 1998	United States	257	1999
United States	83,741,000	1944	Turkeys Raised:		
Annual Pigs Per Litter:			Minnesota	46,300,000	1990
Minnesota	8.97	1999	United States	302,713,000	1996
United States	8.79	1999			

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

2/ June 1 estimates were started in 1950.



CATTLE: Operations and Inventory by Size Groups, Minnesota, 1995-99

Year	Percent 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
	Percent					Percent				
1995	46.1	30.0	22.7	0.9	0.3	12.0	26.0	49.0	7.0	6.0
1996	45.8	30.0	23.0	0.9	0.3	12.0	25.0	50.0	7.0	6.0
1997	46.1	29.7	23.0	0.9	0.3	12.0	25.0	50.0	7.0	6.0
1998	49.0	26.1	23.6	1.0	0.3	12.0	23.0	50.0	8.0	7.0
1999	49.4	25.0	24.3	1.0	0.3	12.5	21.0	52.0	8.0	6.5

BEEF COWS: Operations and Inventory by Size Groups, Minnesota, 1995-99

Year	Percent 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
	Percent				Percent			
1995	85.6	11.3	3.0	0.1	52.0	28.0	16.5	3.5
1996	85.0	11.9	3.0	0.1	50.0	29.0	17.5	3.5
1997	84.4	12.5	3.0	0.1	48.0	32.0	16.5	3.5
1998	86.1	10.4	3.4	0.1	50.0	28.0	18.5	3.5
1999	86.7	9.8	3.4	0.1	50.0	27.0	19.5	3.5

MILK COWS: Operations and Inventory by Size Groups, Minnesota, 1995-99

Year	Percent of Operations Having:					Percent of Inventory on Operations Having:				
	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200+ Head	1-29 Head	30-49 Head	50-99 Head	100-199 Head	200+ Head
	Percent					Percent				
1995	20.8	37.5	34.2	6.5	1.0	7.8	28.0	43.0	16.0	5.2
1996	19.1	37.3	34.6	7.5	1.5	7.0	26.0	41.0	17.0	9.0
1997	18.1	36.2	35.2	8.1	2.4	6.0	24.0	40.0	17.0	13.0
1998	16.5	36.1	36.1	8.2	3.1	5.8	22.0	40.0	16.0	16.2
1999	16.5	35.2	36.3	8.2	3.8	5.3	21.0	38.0	15.0	20.7

HOGS: Operations and Inventory by Size Groups, Minnesota, 1995-99

Year	Percent 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+ Head	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000+ Head
	Percent					Percent				
1995	34.3	38.1	15.2	8.1	4.3	2.0	18.0	20.0	22.0	38.0
1996	33.7	36.8	15.8	8.4	5.3	2.0	15.0	19.0	22.0	42.0
1997	33.3	35.5	15.6	8.9	6.7	1.5	13.0	15.5	20.0	50.0
1998	32.9	35.3	15.3	8.8	7.7	2.0	11.0	13.0	18.0	56.0
1999	29.3	34.7	16.0	10.0	10.0	1.0	9.0	12.0	17.0	61.0

LIVESTOCK AND POULTRY: Inventory and Values, Minnesota, 1998-2000

Class	Number on Farms			Value per Head			Total Inventory Value		
	1998	1999	2000	1998	1999	2000	1998	1999	2000
	<u>1,000 Head</u>			<u>Dollars</u>			<u>1,000 Dollars</u>		
All Cattle & Calves, Jan 1	2,500	2,500	2,550	630.00	670.00	760.00	1,575,000	1,675,000	1,938,000
Total Cows That Have Calved	950	930	940						
Beef Cows	395	385	400						
Milk Cows	555	545	540						
Total Heifers 500 + Lbs.	540	550	570						
Beef Replacement	85	90	100						
Milk Replacement	290	290	290						
Other	165	170	180						
Steers 500 Lbs. +	455	455	460						
Bulls 500 Lbs. +	35	35	40						
Calves Under 500 Lbs.	520	530	540						
Cattle & Calves on Feed, Jan 1	265	270	285						
Calf Crop	900	900	--						
All Hogs & Pigs, Dec 1 1/	5,700	5,700	5,500	85.00	51.00	83.00	484,500	290,700	456,500
Market Hogs & Pigs, Dec 1 1/	5,050	5,080	4,940						
Breeding Hogs, Dec 1 1/	650	620	560						
Annual Pig Crop	9,612	9,289	--						
All Sheep & Lambs, Jan 1	165	175	165	105.00	91.00	94.00	17,325	15,925	15,510
Breeding Sheep & Lambs	105	110	105						
Ewes 1 Year +	85	90	85						
Rams 1 year +	5	5	5						
Replacement Lambs	15	15	15						
Market Sheep & Lambs	60	65	60						
Lambs Under 65 Lbs.	15	17	14						
Lambs 65-84 Lbs.	10	13	12						
Lambs 85-105 Lbs.	17	17	16						
Lambs Over 105 Lbs.	17	17	17						
Sheep	1	1	1						
Lamb Crop	155	145	--						
All Chickens, Dec 1 1/	14,730	15,575	16,625	1.90	1.80	1.70	27,987	28,035	28,263
Total Layers	11,955	12,240	12,965						
Pullets 13 Weeks Old but Not of Laying Age	810	1,025	1,130						
Pullets Under 13 Weeks Old	1,895	2,240	2,470						
Other Chickens	70	70	60						

1/ December 1 preceding year.

CATTLE AND CALVES: Inventory, Supply, and Disposition, Minnesota, 1995-2000

Year	All Cattle and Calves 1/	Calf Crop	Cattle On Feed 1/	Inship-ments	Marketings 2/		Farm Slaughter 3/	Deaths	
					Cattle	Calves		Cattle	Calves
					1,000 Head				
1995	2,700	1,000	300	525	1,184	108	8	60	115
1996	2,750	970	325	435	1,219	93	8	60	125
1997	2,650	930	285	425	1,189	133	8	60	115
1998	2,500	900	265	370	982	127	6	50	105
1999	2,500	900	270	370	932	132	6	50	100
2000	2,550	---	285	---	---	---	-	--	---

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, 1995-99

Year	Production 1/	Marketings 2/	Average Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
			Cattle	Calves				
	<u>1,000 Pounds</u>		<u>Dollars</u>			<u>1,000 Dollars</u>		
1995	1,228,925	1,517,400	56.60	72.90	672,944	863,983	13,632	877,615
1996	1,189,010	1,534,150	57.80	50.30	667,688	884,646	13,420	898,066
1997	1,134,824	1,507,750	61.10	64.00	672,039	922,366	14,460	936,826
1998	1,070,366	1,300,375	57.30	68.80	602,003	749,643	11,867	761,510
1999	1,083,421	1,265,850	58.50	79.70	625,407	749,479	12,593	762,072

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, 1999-2000**

County and District	All Cattle and Calves		Cattle and Calves On Feed		All Breeding Sheep and Lambs	
	1999	2000	1999	2000	1999	2000
			Number			
Becker	37,000	39,000	1,000	1,000	800	800
Clay	18,500	19,500	1,700	1,800	800	800
Clearwater	25,600	26,500	1,400	1,400	1,100	1,000
Kittson	12,500	13,500	700	600	600	600
Mahnomen	13,200	13,000	500	500	100	100
Marshall	17,100	18,000	500	500	1,500	1,400
Norman	11,800	11,000	500	500	100	100
Pennington	8,800	9,000	400	400	100	100
Polk	28,800	28,500	2,600	2,600	800	700
Red Lake	12,700	13,000	500	500	900	700
Roseau	28,000	28,000	1,200	1,200	700	700
Northwest	214,000	219,000	11,000	11,000	7,500	7,000
Beltrami	27,900	29,000	400	500	1,000	1,000
Cass	32,400	33,500	300	400	900	800
Hubbard	11,000	11,200	200	200	800	800
Itasca	11,500	11,500	200	400	300	300
Koochiching	5,600	5,800	100	200	300	300
Lake of the Woods	4,100	4,000	100	100	100	100
North Central	92,500	95,000	1,300	1,800	3,400	3,300
Cook	100	100	--	--	--	--
Lake	200	200	--	--	100	100
St Louis	11,200	10,700	200	200	500	400
Northeast	11,500	11,000	200	200	600	500
Big Stone	9,000	9,000	800	900	400	400
Chippewa	7,500	8,000	1,000	1,000	1,500	1,500
Douglas	33,000	34,000	2,500	2,500	1,200	1,200
Grant	7,500	8,000	1,500	1,500	600	600
Lac Qui Parle	16,000	15,500	4,300	4,500	1,700	1,600
Otter Tail	107,000	108,000	4,000	4,000	3,600	3,300
Pope	31,000	32,500	2,000	2,500	1,300	1,200
Stevens	24,000	26,000	9,600	11,000	1,400	1,400
Swift	19,000	20,000	4,300	4,500	300	300
Traverse	7,000	8,000	2,200	2,500	600	600
Wilkin	4,500	5,000	500	600	100	100
Yellow Medicine	21,500	23,000	4,300	4,500	1,800	1,600
West Central	287,000	297,000	37,000	40,000	14,500	13,800
Benton	38,000	39,000	1,500	1,700	500	500
Carver	35,500	36,500	2,200	2,300	500	500
Kandiyohi	28,000	28,500	4,500	4,500	2,600	2,500
McLeod	34,500	35,000	3,500	3,500	700	700
Meeker	29,000	30,000	2,700	2,500	1,900	1,800
Morrison	85,500	85,000	2,000	2,000	1,100	1,100
Renville	29,500	29,000	10,000	10,500	2,200	2,300
Scott	23,500	23,000	3,500	3,500	600	500
Sherburne	10,000	10,500	1,800	1,700	300	300
Sibley	31,000	30,500	4,000	4,000	1,600	1,500
Stearns	179,000	183,500	10,500	11,000	1,800	1,800
Todd	70,000	71,500	1,500	1,500	2,400	2,400
Wadena	25,500	25,000	800	800	1,200	1,100
Wright	46,500	48,000	3,500	3,500	1,100	1,000
Central	665,500	675,000	52,000	53,000	18,500	18,000

--continued

**ALL CATTLE, CATTLE ON FEED, AND ALL BREEDING SHEEP & LAMBS: January 1
Inventory by County and District, Minnesota, 1999-2000 (continued)**

County and District	All Cattle and Calves		Cattle and Calves On Feed		All Breeding Sheep and Lambs	
	1999	2000	1999	2000	1999	2000
			Number			
Aitkin	14,400	15,000	200	200	600	600
Anoka	3,100	3,300	200	200	200	200
Carlton	11,500	11,500	200	200	500	400
Chisago	13,600	14,000	800	800	600	600
Crow Wing	18,000	18,000	300	400	1,100	1,100
Hennepin	10,000	10,000	600	600	500	500
Isanti	8,300	8,500	600	700	1,000	900
Kanabec	22,000	23,500	600	900	1,000	1,000
Mille Lacs	23,900	25,000	700	900	700	600
Pine	34,000	35,000	1,000	1,300	1,000	1,100
Ramsey	200	200	--	--	--	--
Washington	7,000	7,000	800	800	800	800
East Central	166,000	171,000	6,000	7,000	8,000	7,800
Cottonwood	31,500	32,000	11,000	12,000	2,700	2,500
Jackson	17,500	18,000	6,500	6,500	2,700	2,700
Lincoln	27,500	28,000	6,000	5,500	5,300	5,000
Lyon	46,500	47,000	11,000	13,000	2,100	1,900
Murray	44,000	44,000	11,500	11,000	5,800	5,500
Nobles	48,500	49,000	12,500	14,000	2,300	2,100
Pipestone	40,500	39,000	3,500	3,500	6,600	6,000
Redwood	33,000	34,000	10,500	12,000	1,600	1,500
Rock	43,500	44,000	11,000	12,500	1,400	1,300
Southwest	332,500	335,000	83,500	90,000	30,500	28,500
Blue Earth	17,500	17,500	7,000	6,500	1,200	1,200
Brown	35,500	38,000	6,000	6,500	1,200	1,100
Faribault	14,000	13,500	2,800	3,000	1,100	1,000
Freeborn	14,500	14,500	2,000	2,200	1,700	1,700
Le Sueur	21,500	22,000	4,100	4,500	1,000	1,000
Martin	22,000	22,000	6,000	6,000	1,600	1,600
Nicollet	19,000	19,500	3,200	3,300	800	800
Rice	29,500	30,000	1,700	1,800	900	900
Steele	18,000	18,500	1,300	1,500	600	600
Waseca	13,500	13,500	900	1,200	1,400	1,400
Watonwan	10,000	10,000	4,000	4,500	1,000	900
South Central	215,000	219,000	39,000	41,000	12,500	12,200
Dakota	35,500	37,000	7,000	7,500	800	800
Dodge	24,000	24,500	2,500	2,500	600	600
Fillmore	81,500	85,000	5,000	5,500	2,400	2,400
Goodhue	81,000	82,000	5,000	5,000	3,000	2,900
Houston	57,500	57,000	6,500	6,000	1,000	900
Mower	26,000	27,000	2,500	3,000	1,900	1,700
Olmsted	53,000	53,500	4,500	4,000	2,200	2,200
Wabasha	70,000	70,000	4,000	4,000	1,100	1,000
Winona	87,500	92,000	3,000	3,500	1,500	1,400
Southeast	516,000	528,000	40,000	41,000	14,500	13,900
Minnesota	2,500,000	2,550,000	270,000	285,000	110,000	105,000

**BEEF COWS AND MILK COWS: January 1 Inventory
by County and District, Minnesota, 1999-2000**

County and District	Beef Cows		Milk Cows	
	1999	2000	1999	2000
	<u>Number</u>			
Becker	8,000	8,000	9,600	9,600
Clay	4,500	4,500	2,700	2,600
Clearwater	10,000	11,000	1,700	1,600
Kittson	5,500	6,000	900	1,600
Mahnomen	3,000	3,000	2,100	2,100
Marshall	5,500	6,000	1,800	1,900
Norman	3,000	3,000	2,000	2,100
Pennington	3,500	3,500	1,100	1,100
Polk	9,000	8,500	3,800	3,500
Red Lake	4,500	4,500	1,400	1,400
Roseau	9,000	10,000	3,500	3,400
<u>Northwest</u>	65,500	68,000	30,600	30,900
Beltrami	11,200	11,500	2,400	2,500
Cass	12,700	13,000	2,400	2,400
Hubbard	4,500	4,700	700	700
Itasca	5,000	5,000	400	400
Koochiching	2,800	3,000	200	200
Lake of the Woods	1,800	1,800	200	200
<u>North Central</u>	38,000	39,000	6,300	6,400
Cook	100	100	--	--
Lake	100	100	--	--
St Louis	3,800	3,800	1,300	1,300
<u>Northeast</u>	4,000	4,000	1,300	1,300
Big Stone	2,300	2,300	1,200	1,100
Chippewa	1,600	1,800	600	600
Douglas	3,700	4,000	11,100	10,800
Grant	1,300	1,300	1,700	1,700
Lac Qui Parle	4,300	4,500	1,700	1,600
Otter Tail	15,300	15,500	30,500	30,100
Pope	6,200	6,000	7,600	7,400
Stevens	2,600	2,700	2,300	2,300
Swift	3,200	3,400	2,400	2,400
Traverse	1,600	1,700	100	100
Wilkin	1,300	1,300	1,000	1,000
Yellow Medicine	4,600	4,500	2,400	2,400
<u>West Central</u>	48,000	49,000	62,600	61,500
Benton	4,000	4,000	13,600	14,000
Carver	1,300	1,400	14,200	14,200
Kandiyohi	2,600	2,800	7,800	7,500
McLeod	2,100	2,200	10,200	9,900
Meeker	2,900	2,900	8,500	8,700
Morrison	12,500	13,500	28,100	27,800
Renville	1,300	1,300	3,000	2,800
Scott	1,600	1,600	7,200	6,800
Sherburne	1,500	1,600	1,800	1,700
Sibley	1,800	1,900	9,400	9,100
Stearns	9,000	10,000	62,800	62,400
Todd	9,900	11,000	22,300	21,600
Wadena	4,700	4,800	5,700	5,800
Wright	3,300	3,500	14,300	14,100
<u>Central</u>	58,500	62,500	208,900	206,400

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**BEEF COWS AND MILK COWS: January 1 Inventory
by County and District, Minnesota, 1999-2000 (continued)**

County and District	Beef Cows		Milk Cows	
	1999	2000	1999	2000
	<u>Number</u>			
Aitkin	5,500	5,500	1,400	1,400
Anoka	800	800	500	400
Carlton	3,500	3,500	2,300	2,300
Chisago	2,700	2,700	3,400	3,200
Crow Wing	6,500	6,500	2,100	2,100
Hennepin	1,000	1,000	2,700	2,600
Isanti	2,000	2,100	1,600	1,600
Kanabec	6,000	6,500	3,200	3,100
Mille Lacs	3,300	3,600	6,100	6,000
Pine	7,500	7,500	8,300	8,300
Ramsey	100	100	100	100
Washington	1,600	1,700	1,400	1,400
<u>East Central</u>	40,500	41,500	33,100	32,500
Cottonwood	3,400	3,500	1,500	1,500
Jackson	2,700	2,800	700	700
Lincoln	5,100	5,000	3,400	3,400
Lyon	5,400	5,500	1,700	2,700
Murray	4,300	4,500	4,400	4,400
Nobles	4,900	5,000	3,900	3,900
Pipestone	9,100	9,000	5,600	5,600
Redwood	6,100	6,000	2,400	2,400
Rock	6,500	6,700	2,800	3,100
<u>Southwest</u>	47,500	48,000	26,400	27,700
Blue Earth	1,400	1,600	1,800	1,800
Brown	2,300	2,500	8,000	7,800
Faribault	2,000	2,000	2,300	2,200
Freeborn	2,200	2,200	2,500	2,300
Le Sueur	2,000	2,200	4,700	4,500
Martin	2,000	2,000	1,500	1,500
Nicollet	800	1,000	5,900	5,700
Rice	2,000	2,300	10,700	10,400
Steele	1,100	1,200	5,500	5,500
Waseca	900	1,200	3,600	3,600
Watsonwan	800	800	1,000	1,000
<u>South Central</u>	17,500	19,000	47,500	46,300
Dakota	2,500	2,800	4,600	4,500
Dodge	1,700	1,700	6,700	6,700
Fillmore	16,500	17,000	15,900	15,300
Goodhue	6,200	6,500	25,400	25,500
Houston	10,700	11,000	10,700	10,500
Mower	2,300	2,500	5,200	5,100
Olmsted	9,000	10,000	11,300	11,300
Wabasha	8,800	9,500	20,900	20,500
Winona	7,800	8,000	27,600	27,600
<u>Southeast</u>	65,500	69,000	128,300	127,000
<u>Minnesota</u>	385,000	400,000	545,000	540,000

HOGS AND PIGS: Sows Farrowed, Pig Crop, and Disposition, Minnesota, 1995-99

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
			<u>1,000 Head</u>				<u>Head</u>		<u>1,000 Head</u>		
1995	510	4,337	495	4,295	1,005	8,632	8.59	770	8,895	400	4,950
1996	480	4,200	450	3,938	930	8,138	8.75	1,130	8,966	395	4,850
1997	485	4,258	520	4,615	1,005	8,873	8.83	1,470	9,041	445	5,700
1998	535	4,775	545	4,837	1,080	9,612	8.90	2,010	11,150	465	5,700
1999	520	4,654	515	4,635	1,035	9,289	8.97	2,650	11,653	480	5,500

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

2/ Excludes interfarm sales.

HOGS AND PIGS: Production and Income, Minnesota, 1995-99

Year	Production 1/	Marketings 2/	Average Price Per 100 Lbs	Value of Production 3/	Cash Receipts 4/	Value of Home Consumption	Gross Income
	<u>1,000 Pounds</u>		<u>Dollars</u>		<u>1,000 Dollars</u>		
1995	2,013,666	2,054,775	41.90	835,575	869,497	2,865	872,362
1996	1,953,736	2,041,297	53.20	1,027,228	1,099,051	3,347	1,102,398
1997	2,080,925	2,083,120	54.30	1,112,009	1,148,266	3,374	1,151,640
1998	2,403,231	2,540,555	35.50	837,110	916,989	2,602	919,591
1999	2,472,294	2,652,181	30.50	738,523	827,326	2,214	829,540

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: Sows Farrowed, Pigs per Litter, Pig Crop, by Quarters, Minnesota, 1995-99 1/

Year	December-February 2/			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
1995	250	8.30	2,075	260	8.70	2,262	250	8.65	2,163	245	8.70	2,132
1996	240	8.80	2,112	240	8.70	2,088	225	8.70	1,958	225	8.80	1,980
1997	230	8.70	2,001	255	8.85	2,257	260	8.85	2,301	260	8.90	2,314
1998	260	8.95	2,327	275	8.90	2,448	280	8.90	2,492	265	8.85	2,345
1999	255	8.95	2,282	265	8.95	2,372	265	9.00	2,385	250	9.00	2,250

1/ Sows farrowed and pig crop numbers are 1,000 head.

2/ December previous year.

HOGS AND PIGS: All Breeding and Market Hogs and Pigs by Quarter, Minnesota, 1995-2000

Year and Quarter	All Hogs and Pigs	For Breeding Purposes	Market Hogs and Pigs				
			Under 60 Lbs.	60 - 119 Lbs.	120 -179 Lbs.	180 Lbs. and Over	Total Market
			1,000 Head				
1995:							
March	4,700	540	1,620	1,000	850	690	4,160
June	4,900	580	1,680	1,060	860	720	4,320
September	4,950	550	1,720	1,070	860	750	4,400
December	4,950	550	1,640	1,090	900	770	4,400
1996:							
March	4,800	550	1,660	1,020	870	700	4,250
June	4,650	540	1,600	1,020	820	670	4,110
September	4,800	550	1,660	1,030	830	730	4,250
December	4,850	540	1,640	1,070	840	760	4,310
1997:							
March	5,000	600	1,690	1,080	910	720	4,400
June	5,400	620	1,850	1,210	990	730	4,780
September	5,600	630	2,020	1,250	940	760	4,970
December	5,700	650	1,990	1,270	990	800	5,050
1998:							
March	5,700	630	1,960	1,240	1,020	850	5,070
June	5,900	640	2,050	1,330	1,050	830	5,260
September	6,000	650	2,110	1,380	1,060	800	5,350
December	5,700	620	2,020	1,270	960	830	5,080
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

HOGS AND PIGS: Inventory, Farrowings, and Pig Crop, by County and District, Minnesota, 1998-99

County and District	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	1998	1999	1998	1999	1998	1999
			Number			
Becker	6,800	7,100	2,000	2,100	17,000	18,000
Clay	10,600	9,500	2,300	2,100	20,000	19,000
Clearwater	600	500	100	100	750	750
Kittson	2,600	2,200	200	200	1,500	1,500
Mahnomen	3,300	3,000	400	300	3,000	2,500
Marshall	1,000	800	300	300	2,500	2,500
Norman	7,100	6,800	900	900	8,000	8,000
Pennington	1,200	1,100	200	200	1,500	1,500
Polk	5,800	8,400	2,500	2,300	22,000	20,000
Red Lake	600	600	100	100	750	750
Roseau	2,400	2,000	500	400	4,000	3,000
Northwest	42,000	42,000	9,500	9,000	81,000	77,500
Beltrami	200	200	100	100	1,000	1,000
Cass	9,700	7,400	3,400	2,800	28,000	24,000
Hubbard	1,100	1,500	400	500	3,500	4,500
Itasca	200	200	100	100	750	750
Koochiching	200	200	100	100	750	750
Lake of the Woods	200	200	200	200	1,500	1,500
North Central	11,600	9,700	4,300	3,800	35,500	32,500
Lake	100	100	--	--	--	--
St Louis	800	700	200	200	1,500	1,500
Northeast	900	800	200	200	1,500	1,500
Big Stone	36,500	35,000	6,000	5,800	53,000	52,000
Chippewa	34,000	29,000	3,300	2,900	29,000	26,000
Douglas	19,000	17,000	4,500	4,200	40,000	37,000
Grant	17,500	16,500	3,500	3,300	31,000	29,000
Lac Qui Parle	62,000	59,500	10,000	9,500	89,000	86,000
Otter Tail	30,500	31,000	6,600	6,800	59,000	61,000
Pope	27,500	23,500	6,300	5,500	53,000	46,000
Stevens	87,000	90,000	20,500	19,500	179,000	173,000
Swift	21,000	19,500	3,300	3,200	28,000	28,000
Traverse	19,500	17,000	4,000	3,600	35,000	32,000
Wilkin	13,500	13,000	3,000	2,700	26,000	24,000
Yellow Medicine	120,000	117,000	20,000	19,500	178,000	174,000
West Central	488,000	468,000	91,000	86,500	800,000	768,000
Benton	26,500	26,000	5,500	5,000	46,000	42,000
Carver	18,000	17,500	3,000	3,000	26,000	26,000
Kandiyohi	94,000	83,000	20,000	18,000	179,000	162,000
McLeod	24,000	25,000	5,000	5,000	43,000	44,000
Meeker	41,000	39,000	8,500	8,000	74,000	70,000
Morrison	22,500	21,500	5,500	5,000	45,000	41,000
Renville	257,200	245,000	59,500	56,000	534,000	505,000
Scott	18,000	17,000	4,000	3,500	35,000	31,000
Sherburne	11,000	9,800	3,000	2,800	27,000	25,000
Sibley	105,000	97,000	16,000	15,000	134,000	127,000
Stearns	94,500	93,000	24,500	23,500	213,000	207,000
Todd	15,500	14,500	4,300	4,000	37,000	35,000
Wadena	800	700	200	200	1,500	1,500
Wright	18,000	15,000	3,500	3,000	30,500	26,500
Central	746,000	704,000	162,500	152,000	1,425,000	1,343,000

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**HOGS AND PIGS: Inventory, Farrowings, and Pig Crop,
by County and District, Minnesota, 1998-99 (continued)**

County and District	All Hogs Dec. 1		Annual Farrowings		Annual Pig Crop	
	1998	1999	1998	1999	1998	1999
	Number					
Aitkin	200	200	100	100	750	750
Anoka	2,200	2,200	200	100	1,750	750
Carlton	400	400	100	100	750	750
Chisago	6,700	6,400	1,200	1,300	11,000	12,000
Crow Wing	4,100	3,800	500	500	4,500	4,500
Hennepin	2,000	1,600	400	300	3,500	2,500
Isanti	6,600	6,300	600	600	5,500	5,500
Kanabec	8,400	8,200	1,500	1,600	13,500	15,000
Mille Lacs	3,300	3,200	700	700	6,000	6,000
Pine	2,000	1,800	600	600	5,000	5,000
Washington	1,600	1,400	100	100	750	750
East Central	37,500	35,500	6,000	6,000	53,000	53,500
Cottonwood	133,000	132,000	33,000	31,000	293,000	279,000
Jackson	179,000	184,000	36,000	36,000	316,000	316,000
Lincoln	59,500	55,500	24,000	22,000	214,000	198,000
Lyon	172,000	163,000	28,500	27,000	248,000	236,000
Murray	109,500	102,000	15,000	13,500	131,000	118,000
Nobles	224,500	215,000	37,500	35,000	327,000	307,000
Pipestone	167,000	161,500	42,500	41,000	383,000	375,000
Redwood	219,500	198,000	31,000	29,000	278,000	263,000
Rock	144,000	134,000	27,500	25,500	244,000	226,000
Southwest	1,408,000	1,345,000	275,000	260,000	2,434,000	2,318,000
Blue Earth	336,000	325,000	70,000	66,000	631,000	599,000
Brown	232,000	242,000	44,500	45,500	400,000	420,000
Faribault	185,000	179,000	43,000	41,000	388,000	370,000
Freeborn	183,000	185,000	33,500	33,000	302,000	298,000
Le Sueur	75,000	71,000	11,000	10,500	98,000	94,000
Martin	527,000	523,000	77,000	78,000	695,000	704,000
Nicollet	230,000	245,000	55,500	58,000	500,000	532,000
Rice	195,000	195,000	33,000	33,000	297,000	305,000
Steele	72,000	66,000	7,500	7,000	67,000	62,000
Waseca	140,000	137,000	18,000	17,500	161,000	156,000
Watsonwan	141,000	132,000	27,000	25,000	243,000	225,000
South Central	2,316,000	2,300,000	420,000	414,500	3,782,000	3,765,000
Dakota	27,500	24,500	5,000	4,500	44,000	40,000
Dodge	84,000	77,000	17,500	16,500	158,000	151,000
Fillmore	140,500	127,000	23,500	21,000	211,000	190,000
Goodhue	95,000	88,000	16,000	15,500	143,000	140,000
Houston	32,500	28,500	6,000	5,500	54,000	50,000
Mower	166,000	152,500	25,500	23,500	230,000	211,000
Olmsted	38,000	38,000	8,000	7,500	71,000	67,000
Wabasha	25,500	22,000	5,500	5,000	49,000	45,000
Winona	41,000	37,500	4,500	4,000	40,000	36,000
Southeast	650,000	595,000	111,500	103,000	1,000,000	930,000
Minnesota	5,700,000	5,500,000	1,080,000	1,035,000	9,612,000	9,289,000

SHEEP AND LAMBS: Inventory, Supply, and Disposition, Minnesota, 1995-2000

Year	All Sheep and Lambs 1/	Lamb Crop	Inshipments	Marketings 2/		Farm Slaughter 3/	Deaths	
				Sheep	Lambs		Sheep	Lambs
				1,000 Head				
1995	190	160	53	20	168	1	8	21
1996	185	160	42	17	158	1	10	21
1997	180	145	31	35	129	1	8	18
1998	165	155	39	10	144	1	9	20
1999	175	145	51	23	153	1	9	20
2000	165	---	--	--	--	-	-	--

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, 1995-99

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			
1995	18,278	21,905	23.50	75.30	12,486	15,096	367	15,463
1996	17,026	20,350	25.80	85.70	13,676	16,065	194	16,259
1997	14,908	19,445	33.80	90.80	12,638	14,963	203	15,166
1998	16,355	17,795	27.20	71.40	10,834	12,109	168	12,277
1999	15,906	20,585	25.00	73.20	10,697	13,572	169	13,741

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, 1995-99

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
1995	170	6.8	1,150	64	736
1996	170	6.6	1,120	43	482
1997	150	6.5	970	43	417
1998	160	6.6	1,055	34	359
1999	150	6.7	1,000	15	150

1/ Includes sheep shorn at commercial feeding yards.

**COMMERCIAL LIVESTOCK SLAUGHTER:
Number and Live Weight, by Month, Minnesota, 1998-99**

Month	Cattle					
	Number Slaughtered		Live Weight			
			Average Weight		Total Weight	
	1998	1999	1998	1999	1998	1999
	<u>1,000 Head</u>		<u>Pounds</u>		<u>1,000 Pounds</u>	
January	94.2	55.6	1,306	1,316	122,967	73,111
February	75.6	49.7	1,336	1,358	100,971	67,421
March	54.4	55.5	1,341	1,373	72,965	76,237
April	50.1	52.6	1,324	1,366	66,362	71,838
May	46.1	50.1	1,309	1,333	60,381	66,784
June	48.0	55.4	1,312	1,330	62,992	73,695
July	48.3	51.2	1,301	1,325	62,806	67,842
August	49.3	57.5	1,292	1,321	63,742	75,970
September	52.3	53.8	1,305	1,332	68,237	71,710
October	51.8	57.0	1,328	1,362	68,752	77,685
November	55.8	55.5	1,309	1,360	73,078	75,430
December	59.5	53.8	1,301	1,372	77,376	73,843
ANNUAL TOTAL	685.3	647.8	1,314	1,346	900,628	871,566

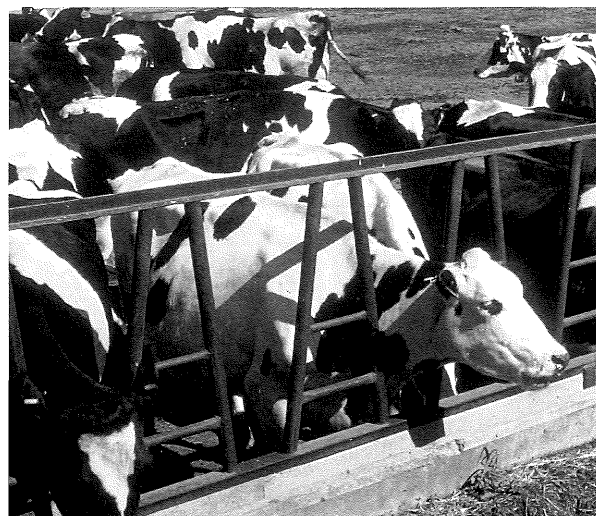
Month	Hogs					
	Number Slaughtered		Live Weight			
			Average Weight		Total Weight	
	1998	1999	1998	1999	1998	1999
	<u>1,000 Head</u>		<u>Pounds</u>		<u>1,000 Pounds</u>	
January	663.4	711.6	258	260	171,323	184,826
February	600.8	652.5	257	259	154,566	168,925
March	669.1	754.7	257	259	171,834	195,573
April	627.1	696.9	257	260	161,110	180,977
May	586.4	625.7	254	259	149,227	161,905
June	592.7	684.1	252	258	149,188	176,637
July	636.9	643.6	249	254	158,693	163,770
August	643.9	673.4	248	253	159,550	170,251
September	696.3	713.3	251	257	174,847	182,999
October	777.3	754.2	257	261	199,458	196,552
November	703.4	731.6	261	263	183,813	192,266
December	742.5	742.5	260	262	193,019	194,723
ANNUAL TOTAL	7,940.0	8,384.1	255	259	2,026,628	2,169,403

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 9.5 billion pounds in 1999, up 2% from 1998. The state's share of national production in 1999 was 6%. The 12-month average number of milk cows was 545,000 versus 551,000 in 1998. The pounds of milk per cow averaged 17,391 in 1999, a record high for Minnesota.

The count of Minnesota dairy farms licensed to sell milk to plants in January 2000 totaled 8,287. This compares with the totals of 8,860 for January 1999 and 9,514 for January 1998.

**DAIRY: Milk Production, Disposition, and Income, Minnesota, 1995-99**

Year	Total Milk Produced	Disposition of Milk Produced			Cash Receipts	Gross Producer 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>	
1995	9,409	101	18	9,290	1,181,688	1,183,978
1996	9,440	92	18	9,330	1,362,180	1,364,808
1997	9,210	95	15	9,100	1,200,290	1,202,269
1998	9,275	95	10	9,170	1,425,935	1,427,490
1999	9,478	95	10	9,373	1,311,283	1,312,682

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

DAIRY: Manufactured Dairy Products, Minnesota, 1995-99

Year	Butter	All Cheese	American Cheese	Italian Cheese	Dry Whey & Whey Fraction Solids	Ice Cream	Ice Milk 1/
			<u>1,000 Pounds</u>			<u>1,000 Gallons</u>	
1995	52,648	678,405	609,946	66,118	375,869	37,826	9,764
1996	58,575	682,058	589,545	90,529	344,811	41,071	10,359
1997	61,070	642,013	541,837	97,241	338,275	41,593	9,983
1998	65,956	616,933	558,401	54,041	309,547	42,521	11,119
1999	58,216	682,206	639,101	39,491	307,309	44,975	10,687

1/ Lowfat and nonfat ice cream combined.

DAIRY: Milk Cows, Milk Production, and Dairy Products, by Month, Minnesota, 1995-99

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>												
1995	600	600	595	595	595	595	590	590	590	585	585	585	592
1996	585	585	580	580	580	585	585	585	585	580	580	580	583
1997	580	575	575	575	570	570	570	570	565	560	560	560	569
1998	555	555	555	555	555	555	550	550	550	545	545	545	551
1999	545	545	545	545	545	545	545	550	550	545	545	540	545
Milk: Production per Cow													
	<u>Pounds</u>												
1995	1,345	1,245	1,400	1,370	1,445	1,365	1,355	1,280	1,225	1,275	1,245	1,340	15,894
1996	1,395	1,320	1,435	1,385	1,430	1,370	1,350	1,305	1,250	1,315	1,285	1,370	16,192
1997	1,375	1,280	1,420	1,370	1,450	1,415	1,385	1,315	1,250	1,295	1,255	1,365	16,186
1998	1,420	1,320	1,465	1,435	1,480	1,410	1,395	1,365	1,315	1,385	1,365	1,470	16,833
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
Milk: Production on Farms													
	<u>Million Pounds</u>												
1995	807	747	833	815	860	812	799	755	723	746	728	784	9,409
1996	816	772	832	803	829	801	790	763	731	763	745	795	9,440
1997	798	736	817	788	827	807	789	750	706	725	703	764	9,210
1998	788	733	813	796	821	783	767	751	723	755	744	801	9,275
1999	820	755	845	820	842	804	774	762	734	763	752	807	9,478
Percentage of Fat in Milk Sold by Farmers to Dairy Plants													
	<u>Percent</u>												
1995	3.77	3.74	3.72	3.71	3.66	3.56	3.53	3.54	3.68	3.83	3.87	3.85	3.71
1996	3.82	3.80	3.80	3.78	3.73	3.63	3.57	3.59	3.68	3.80	3.86	3.85	3.74
1997	3.83	3.79	3.77	3.75	3.70	3.60	3.58	3.61	3.69	3.79	3.86	3.82	3.73
1998	3.78	3.73	3.74	3.69	3.60	3.60	3.55	3.57	3.64	3.80	3.84	3.80	3.70
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
Butter Manufactured 1/													
	<u>Million Pounds</u>												
1995	5.9	4.1	4.5	5.8	5.6	5.1	4.1	3.6	3.4	3.1	2.9	4.5	52.6
1996	5.5	4.5	5.9	5.8	5.4	6.0	4.4	4.3	2.7	4.2	4.1	5.8	58.6
1997	6.8	5.1	6.5	6.5	6.1	5.7	5.3	3.7	2.8	3.0	4.3	5.3	61.1
1998	5.5	5.9	4.7	6.0	6.2	5.6	4.2	4.5	5.1	5.5	6.1	6.5	66.0
1999	7.1	5.3	6.0	5.0	5.5	4.5	3.7	2.4	3.5	4.8	4.9	5.5	58.2
American Cheese Manufactured 1/													
	<u>Million Pounds</u>												
1995	50.6	47.9	51.8	54.2	55.7	50.7	52.1	46.0	47.2	49.2	47.7	56.9	609.9
1996	51.7	51.3	57.2	52.3	53.6	50.2	44.6	43.1	42.8	48.1	45.0	49.6	589.5
1997	48.5	46.5	48.0	46.1	49.0	49.2	48.0	43.6	41.4	39.6	37.7	44.3	541.8
1998	47.8	43.8	47.6	50.5	50.0	49.0	48.0	44.9	36.8	41.2	44.2	54.9	558.4
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

1/ Totals may not add due to rounding.

**DAIRY: Milk Cows, Production Per Cow, and Total Production,
by County and District, Minnesota, 1998-99**

County and District	Annual Average Milk Cows On Farms		Annual Average Production Per Cow		Total Production	
	1998	1999	1998	1999	1998	1999
	<u>Number</u>		<u>Thousand Pounds</u>		<u>Thousand Pounds</u>	
Becker	9,700	9,600	16.1	16.6	156,000	159,000
Clay	2,800	2,600	16.3	16.9	45,500	44,000
Clearwater	1,700	1,600	15.3	15.9	26,000	25,500
Kittson	500	1,300	15.0	17.3	7,500	22,500
Mahnomen	2,100	2,100	16.2	16.4	34,000	34,500
Marshall	1,800	1,900	15.6	16.3	28,000	31,000
Norman	2,000	2,100	16.5	16.9	33,000	35,500
Pennington	1,100	1,100	15.9	16.4	17,500	18,000
Polk	4,000	3,600	16.3	16.7	65,000	60,000
Red Lake	1,400	1,400	16.4	16.8	23,000	23,500
Roseau	3,600	3,500	16.3	16.9	58,500	59,000
Northwest	30,700	30,800	16.1	16.6	494,000	512,500
Beltrami	2,500	2,500	15.8	16.0	39,500	40,000
Cass	2,300	2,400	15.4	15.8	35,500	38,000
Hubbard	800	700	15.6	15.7	12,500	11,000
Itasca	400	400	15.0	16.3	6,000	6,500
Koochiching	200	200	15.0	17.5	3,000	3,500
Lake of the Woods	200	200	15.0	15.0	3,000	3,000
North Central	6,400	6,400	15.5	15.9	99,500	102,000
St Louis	1,400	1,300	15.0	15.8	21,000	20,500
Northeast	1,400	1,300	15.0	15.8	21,000	20,500
Big Stone	1,300	1,200	15.8	16.3	20,500	19,500
Chippewa	700	600	16.4	16.7	11,500	10,000
Douglas	11,200	11,000	16.4	16.8	183,500	184,500
Grant	1,700	1,700	16.5	16.8	28,000	28,500
Lac Qui Parle	1,700	1,700	16.5	16.8	28,000	28,500
Otter Tail	30,800	30,500	16.9	17.4	521,500	531,500
Pope	7,700	7,500	16.5	16.8	127,000	126,000
Stevens	2,400	2,300	17.9	18.5	43,000	42,500
Swift	2,500	2,400	17.2	17.7	43,000	42,500
Traverse	200	100	15.0	15.0	3,000	1,500
Wilkin	1,000	1,000	16.0	16.0	16,000	16,000
Yellow Medicine	2,400	2,400	16.5	16.9	39,500	40,500
West Central	63,600	62,400	16.7	17.2	1,064,500	1,071,500
Benton	13,500	13,900	16.3	17.0	220,500	236,500
Carver	14,200	14,200	17.4	17.8	247,500	252,500
Kandiyohi	8,000	7,700	16.8	17.3	134,000	133,500
McLeod	10,300	10,100	16.5	17.0	170,000	171,500
Meeker	8,500	8,600	16.9	17.7	144,000	152,000
Morrison	28,100	28,000	16.6	17.1	465,500	479,000
Renville	3,000	2,900	16.7	17.4	50,000	50,500
Scott	7,300	7,100	17.2	17.8	125,500	126,500
Sherburne	1,800	1,800	16.1	16.7	29,000	30,000
Sibley	9,800	9,400	17.0	17.6	167,000	165,000
Stearns	63,500	62,700	17.3	18.0	1,100,500	1,128,500
Todd	22,500	22,100	16.2	16.7	365,000	369,500
Wadena	5,800	5,800	16.0	16.6	93,000	96,000
Wright	14,500	14,300	17.3	17.9	251,500	255,500
Central	210,800	208,600	16.9	17.5	3,563,000	3,646,500

--continued

**DAIRY: Milk Cows, Production Per Cow, and Total Production,
by County and District, Minnesota, 1998-99 (continued)**

County and District	Annual Average Milk Cows On Farms		Annual Average Production Per Cow		Total Production	
	1998	1999	1998	1999	1998	1999
	<u>Number</u>		<u>Thousand Pounds</u>		<u>Thousand Pounds</u>	
Aitkin	1,500	1,400	15.7	16.4	23,500	23,000
Anoka	500	500	16.0	17.0	8,000	8,500
Carlton	2,300	2,300	15.9	16.3	36,500	37,500
Chisago	3,500	3,300	15.9	16.7	55,500	55,000
Crow Wing	2,100	2,100	16.0	16.7	33,500	35,000
Hennepin	2,900	2,700	16.9	17.8	49,000	48,000
Isanti	1,600	1,600	16.6	17.2	26,500	27,500
Kanabec	3,300	3,100	15.8	16.6	52,000	51,500
Mille Lacs	6,300	6,100	15.9	16.3	100,000	99,500
Pine	8,500	8,300	15.6	16.2	133,000	134,500
Ramsey	100	100	15.0	15.0	1,500	1,500
Washington	1,500	1,400	17.0	17.5	25,500	24,500
East Central	34,100	32,900	16.0	16.6	544,500	546,000
Cottonwood	1,600	1,500	15.9	16.7	25,500	25,000
Jackson	800	700	16.3	17.1	13,000	12,000
Lincoln	3,400	3,400	15.9	16.5	54,000	56,000
Lyon	1,900	2,500	15.8	16.8	30,000	42,000
Murray	4,400	4,400	16.4	16.9	72,000	74,500
Nobles	3,800	3,900	15.9	16.5	60,500	64,500
Pipestone	5,500	5,600	15.9	16.5	87,500	92,500
Redwood	2,400	2,400	15.6	16.3	37,500	39,000
Rock	2,800	3,000	16.1	16.3	45,000	49,000
Southwest	26,600	27,400	16.0	16.6	425,000	454,500
Blue Earth	1,800	1,800	17.2	17.8	31,000	32,000
Brown	8,200	8,000	16.9	17.3	138,500	138,500
Faribault	2,300	2,300	17.4	17.6	40,000	40,500
Freeborn	2,600	2,400	16.9	17.3	44,000	41,500
Le Sueur	4,800	4,700	17.3	17.7	83,000	83,000
Martin	1,500	1,500	16.3	16.3	24,500	24,500
Nicollet	6,000	5,800	17.4	18.0	104,500	104,500
Rice	10,700	10,500	16.3	17.0	174,500	178,000
Steele	5,600	5,500	16.4	17.0	92,000	93,500
Waseca	3,700	3,600	16.6	17.2	61,500	62,000
Watonwan	1,000	1,000	16.0	16.5	16,000	16,500
South Central	48,200	47,100	16.8	17.3	809,500	814,500
Dakota	4,600	4,600	17.4	17.9	80,000	82,500
Dodge	6,900	6,700	17.6	18.4	121,500	123,000
Fillmore	16,200	15,700	16.7	17.3	271,000	272,000
Goodhue	25,400	25,500	17.6	18.3	446,500	465,500
Houston	10,900	10,700	17.0	17.4	185,500	186,500
Mower	5,300	5,200	17.6	18.1	93,500	94,000
Olmsted	11,300	11,300	17.8	18.1	201,000	204,000
Wabasha	21,100	20,800	17.4	18.0	366,500	374,000
Winona	27,500	27,600	17.8	18.4	488,500	508,500
Southeast	129,200	128,100	17.4	18.0	2,254,000	2,310,000
Minnesota	551,000	545,000	16.8	17.4	9,275,000	9,478,000

DAIRY: Farm Numbers by County and District, Minnesota, January 2000

County and District	Grade A	Grade B	Total	County and District	Grade A	Grade B	Total
		<u>Number</u>				<u>Number</u>	
Becker	118	22	140	Aitkin	18	17	35
Clay	28	5	33	Anoka	4	3	7
Clearwater	15	13	28	Carlton	28	15	43
Kittson	5	0	5	Chisago	45	10	55
Mahnomen	33	3	36	Crow Wing	28	14	42
Marshall	19	2	21	Hennepin	43	1	44
Norman	18	4	22	Isanti	11	6	17
Pennington	15	7	22	Kanabec	52	11	63
Polk	39	13	52	Mille Lacs	91	27	118
Red Lake	23	1	24	Pine	106	47	153
Roseau	37	8	45	Ramsey	1	--	1
Northwest	350	78	428	Washington	28	1	29
				East Central	455	152	607
Beltrami	36	5	41				
Cass	23	23	46	Cottonwood	14	7	21
Hubbard	9	2	11	Jackson	7	3	10
Itasca	7	3	10	Lincoln	27	21	48
Koochiching	4	--	4	Lyon	18	8	26
Lake of the Woods	3	--	3	Murray	37	16	53
North Central	82	33	115	Nobles	33	16	49
				Pipestone	49	17	66
Cook	--	--	--	Redwood	25	15	40
Lake	--	--	--	Rock	29	9	38
St. Louis	24	4	28	Southwest	239	112	351
Northeast	24	4	28				
				Blue Earth	20	10	30
Big Stone	15	3	18	Brown	108	25	133
Chippewa	9	0	9	Faribault	14	4	18
Douglas	172	30	202	Freeborn	35	8	43
Grant	23	8	31	Le Sueur	48	8	56
Lac Qui Parle	15	14	29	Martin	13	6	19
Otter Tail	441	67	508	Nicollet	58	17	75
Pope	111	12	123	Rice	138	28	166
Stevens	10	3	13	Steele	87	16	103
Swift	34	6	40	Waseca	39	5	44
Traverse	--	--	--	Watsonwan	10	3	13
Wilkin	13	2	15	South Central	570	130	700
Yellow Medicine	18	11	29				
West Central	861	156	1,017	Dakota	51	5	56
				Dodge	63	7	70
Benton	183	25	208	Fillmore	159	91	250
Carver	166	45	211	Goodhue	252	22	274
Kandiyohi	121	19	140	Houston	121	34	155
McLeod	133	39	172	Mower	66	6	72
Meeker	93	16	109	Olmsted	139	26	165
Morrison	428	71	499	Wabasha	214	35	249
Renville	38	12	50	Winona	272	48	320
Scott	75	12	87	Southeast	1,337	274	1,611
Sherburne	17	6	23				
Sibley	98	25	123	Minnesota	6,840	1,447	8,287
Stearns	974	102	1,076				
Todd	341	77	418				
Wadena	82	22	104				
Wright	173	37	210				
Central	2,922	508	3,430				

Source: MN Department of Agriculture, Dairy & Food Division and USDA, Agricultural Marketing Service

POULTRY

In 1999, Minnesota's turkey growers raised 43.5 million turkeys, down 2% from the previous year. The total liveweight of turkeys produced was a record-high 1.066 billion pounds. The average price received for turkeys in 1999 was 35 cents per pound, unchanged from 1998. The value of the state's turkey production in 1999 was up 4% to \$373.0 million.

During 1999, hatcheries in the West North Central Region (which includes the states of Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota, and Minnesota) placed 101.6 million turkey poults, up 6% from 1998.

Minnesota's total chicken inventory (excluding broilers) on December 1, 1999 was up 7% from the previous year to 16.6 million birds. The state's egg production in 1999 was 3.14 billion eggs, down slightly from 1998. The value of eggs produced fell 10% in 1999 to \$114.5 million. The all-egg price decreased to 44.0 cents per dozen. The annual average number of layers on farms rose 2% to 12.3 million.

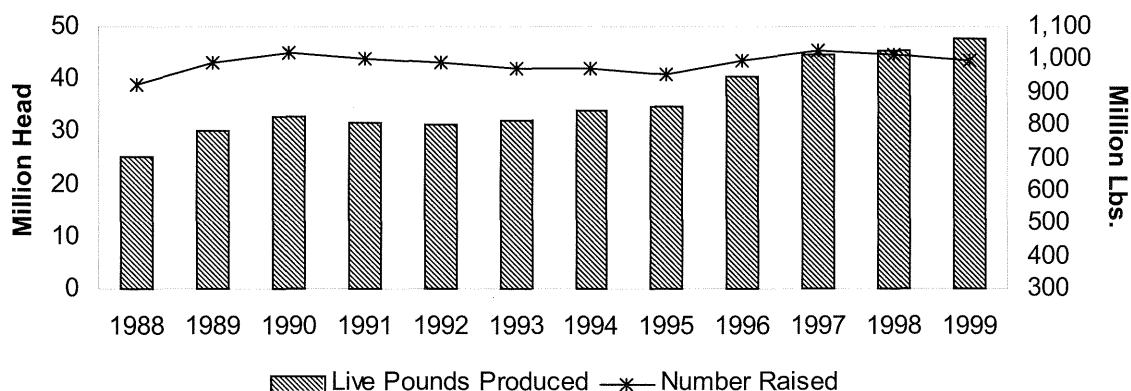
Value of sales from chickens (excluding broilers) fell 58% to \$239,000.

In 1999, the number of broilers produced increased 4% to 44.2 million. From 1998 to 1999, value of production decreased 4% to \$78.0 million. The annual average price per pound decreased to 36.0 cents per pound.

Hatchery production of egg-type chicks decreased 7% to 20.7 million in 1999. These poultry estimates are based on survey data reported by producers, hatcheries, and processing plants.



MINNESOTA TURKEY PRODUCTION



POULTRY: Chicken Inventory, Egg Production, and Value, Minnesota, 1995-99

Year	Chickens on Farms, Dec 1		Chickens 1/		Eggs 1/		Egg-Type Chicks Hatched
	All	Hens & Pullets of Laying Age	Number Sold	Value of Sales	Number Produced	Value of Production	
	<u>1,000 Birds</u>		<u>1,000 Birds</u>	<u>1,000 Dollars</u>	<u>Mil. Eggs</u>	<u>1,000 Dollars</u>	<u>1,000 Birds</u>
1995	14,800	11,435	4,700	118	2,823	98,335	26,447
1996	14,995	11,860	5,000	198	3,087	150,491	24,256
1997	14,730	11,955	5,800	629	2,957	137,747	22,866
1998	15,575	12,240	6,100	571	3,152	126,868	22,273
1999	16,625	12,965	6,200	239	3,138	114,537	20,746

1/ December previous year through November current year.

POULTRY: Broiler and Turkey Production, and Value, Minnesota, 1995-99

Year	Commercial Broilers 1/		Turkeys	
	Number Raised	Value of Production	Number Raised	Value of Production
	<u>1,000 Birds</u>	<u>1,000 Dollars</u>	<u>1,000 Birds</u>	<u>1,000 Dollars</u>
1995	48,000	83,616	40,500	299,093
1996	47,500	94,425	43,500	426,735
1997	46,300	90,300	45,500	395,714
1998	42,300	80,847	44,500	359,783
1999	44,200	77,976	43,500	373,013

1/ December previous year through November current year.

POULTRY: Layers and Egg Production by District, Minnesota 1998-99

District	Annual Average Layers		Annual Average Eggs per Layer		Total Egg Production	
	1998	1999	1998	1999	1998	1999
	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>Number</u>	<u>1,000 Eggs</u>	<u>1,000 Eggs</u>
Northwest	1,125,000	1,095,000	265	260	298,000	285,000
West Central	560,000	505,000	264	257	148,000	130,000
Central	6,842,000	7,290,000	262	255	1,794,000	1,856,000
Southwest	310,000	305,000	261	256	81,000	78,000
South Central	2,300,000	2,230,000	261	252	601,000	563,000
Southeast	245,000	235,000	257	255	63,000	60,000
Other Districts	650,000	650,000	257	255	167,000	166,000
MINNESOTA	12,032,000	12,310,000	262	255	3,152,000	3,138,000

Note: County estimates were discontinued to protect the confidentiality of individual poultry operations.

POULTRY: Production by Month, Minnesota, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
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Chickens: Layers on Farms

	<u>Million</u>												
1995	11.0	11.1	11.1	11.1	11.1	10.9	10.7	10.7	10.9	11.0	11.2	11.5	11.0
1996	11.6	11.7	11.9	12.0	11.9	11.9	12.2	12.3	12.2	12.2	12.1	11.9	11.9
1997	11.9	11.9	11.8	11.7	11.6	11.5	11.5	11.6	11.6	11.7	11.8	12.0	11.7
1998	12.0	12.1	12.0	12.0	12.1	12.0	11.9	12.0	12.0	12.1	12.2	12.1	12.0
1999	12.2	12.2	12.2	12.3	12.3	12.4	12.3	12.4	12.4	12.6	12.7	12.8	12.3

Eggs: Average Number Laid per Layer per Month

	<u>Number</u>												
1995	22.2	19.8	22.2	21.3	21.5	21.1	21.6	21.4	20.7	21.4	21.3	22.3	257
1996	22.0	20.7	22.2	21.4	21.9	21.1	21.8	21.7	21.2	21.6	20.6	21.4	258
1997	21.4	19.4	21.8	21.0	21.5	20.6	21.2	21.0	20.7	21.7	20.9	21.7	252
1998	21.9	20.2	22.8	22.0	22.6	22.0	22.0	21.7	21.9	22.4	21.0	21.8	262
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

Eggs: Production on Farms 2/

	<u>Million Eggs</u>												
1995	245	220	246	236	239	231	232	230	226	235	238	255	2,823
1996	255	242	264	256	260	252	267	266	258	264	248	255	3,087
1997	255	230	256	246	249	237	244	244	241	253	247	260	2,957
1998	263	243	273	263	274	264	262	261	263	270	256	264	3,152
1999	262	237	262	255	266	259	268	271	261	266	267	282	3,138

Chickens: Egg-Type Hatchery Production

	<u>1,000 Birds</u>												
1995	1,683	2,215	2,251	2,167	2,335	2,411	2,232	2,341	2,044	2,134	2,448	2,186	26,447
1996	1,915	2,326	2,037	2,196	2,179	2,022	1,991	1,951	1,684	1,984	1,961	2,010	24,256
1997	2,173	2,247	1,963	1,840	2,234	1,828	1,794	1,507	2,041	1,946	1,483	1,810	22,866
1998	1,935	1,610	1,715	1,870	2,068	2,218	1,659	1,621	2,016	1,961	1,681	1,919	22,273
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

1/ Annual data for layers and eggs represent December previous year to 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, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
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Turkeys: Hatchery Placements 2/

	<u>1,000 Birds</u>												
1995	7,143	7,184	8,210	7,640	8,652	8,718	8,102	7,566	6,244	7,015	6,944	6,644	90,062
1996	7,375	7,802	7,590	8,800	8,460	7,760	8,121	7,375	6,128	6,382	6,212	7,765	89,770
1997	7,586	8,025	8,141	8,365	8,688	8,802	9,104	8,069	7,077	7,292	6,955	7,904	96,008
1998	7,885	7,356	8,648	8,063	8,063	9,055	8,566	7,813	6,974	7,175	7,397	8,844	95,839
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

1/ Annual data for hatcheries represent calendar year.

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

MINK: Operations and Production, Minnesota, 1995-99

Year	Number of Mink Farms	Pelts Produced	Females Bred 1/
		<u>Number</u>	
1995	52	306,000	68,500
1996	40	293,300	68,500
1997	46	310,600	69,900
1998	44	268,300	57,000
1999 2/			

1/ Females bred to produce kits the following year.

2/ 1999 data will be available July 20, 2000.

BEE AND HONEY: Colonies and Production, Minnesota, 1995-99

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>
1995	165	82	13,530	1,218	70	9,471
1996	150	77	11,550	1,617	90	10,395
1997	145	73	10,585	2,011	74	7,833
1998	140	79	11,060	2,765	65	7,189
1999	145	82	11,890	3,210	61	7,253

1/ Does not include stocks under loan.



CROP PRICES

The 1999 Minnesota annual average price for corn decreased 1 cent per bushel from 1998 and soybeans decreased 10 cents. Wheat decreased 4 cents and all hay decreased \$6.00 per ton while dry beans decreased \$1.50 per hundredweight. The primary source of the crop prices listed in the following tables are elevators and dealers, who buy directly from farmers. The marketing year for different crops may be found in the footnotes following the tables.

PRICES RECEIVED BY FARMERS FOR CROPS: by Month, Minnesota, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing Year Average Price 1/
Corn 2/													
	<u>Dollars per Bushel</u>												
1995	1.99	2.04	2.11	2.19	2.24	2.35	2.48	2.44	2.47	2.50	2.59	2.79	3.14
1996	2.84	3.08	3.20	3.53	3.61	3.71	3.94	3.95	3.56	2.68	2.54	2.44	2.47
1997	2.44	2.41	2.59	2.59	2.52	2.48	2.29	2.29	2.27	2.35	2.35	2.32	2.15
1998	2.35	2.36	2.36	2.29	2.28	2.18	2.02	1.68	1.57	1.71	1.74	1.74	1.71
1999	1.78	1.81	1.81	1.87	1.87	1.85	1.62	1.56	1.54	1.49	1.54	1.56	1.70
Soybeans 3/													
	<u>Dollars per Bushel</u>												
1995	5.19	5.18	5.24	5.38	5.32	5.48	5.72	5.61	5.69	5.86	6.10	6.41	6.59
1996	6.55	6.69	6.79	7.19	7.36	7.17	7.39	7.59	7.55	6.84	6.69	6.64	7.26
1997	6.86	7.17	7.79	8.08	8.23	8.22	7.44	7.02	6.48	6.27	6.61	6.68	6.20
1998	6.39	6.40	6.21	6.14	6.16	5.98	5.95	5.26	4.96	4.97	5.18	5.09	4.65
1999	5.01	4.52	4.37	4.45	4.30	4.30	4.00	4.19	4.37	4.24	4.18	4.16	4.55
Sunflowers 3/													
	<u>Dollars per Cwt.</u>												
1995	12.00	12.10	11.20	11.40	11.00	11.10	11.20	11.90	9.99	11.60	11.30	11.70	11.80
1996	11.60	12.30	12.50	13.60	13.40	15.20	13.20	11.70	9.68	12.90	13.20	14.10	13.10
1997	14.00	13.60	12.70	13.60	12.70	13.00	12.10	10.70	13.20	11.70	11.40	11.20	12.30
1998	11.20	12.00	12.30	13.10	13.40	13.30	14.10	12.80	11.30	11.20	12.60	11.70	12.20
1999	12.40	14.90	11.80	10.80	9.03	13.30	9.37	10.50	9.28	11.70	8.53	8.42	10.30
All Wheat 4/													
	<u>Dollars per Bushel</u>												
1995	3.35	3.32	3.16	3.21	3.51	3.70	4.26	4.21	4.24	4.50	4.59	4.81	4.71
1996	4.72	4.87	4.91	5.33	5.64	5.87	5.17	4.69	4.59	4.26	4.31	3.99	4.25
1997	4.03	3.84	3.94	4.08	3.99	3.78	3.54	3.77	3.67	3.49	3.58	3.49	3.52
1998	3.39	3.34	3.47	3.42	3.41	3.30	3.10	2.97	2.86	3.17	3.31	3.34	3.09
1999	3.22	3.10	3.03	2.97	2.97	3.00	2.96	2.85	2.80	2.76	2.88	2.87	3.05
Oats 4/													
	<u>Dollars per Bushel</u>												
1995	1.14	1.23	1.16	1.32	1.29	1.34	1.42	1.31	1.28	1.40	1.65	1.80	1.59
1996	1.88	1.90	1.96	2.05	2.15	2.10	2.04	1.87	1.80	1.63	1.77	1.63	1.84
1997	1.63	1.67	1.83	1.78	1.80	1.73	1.54	1.45	1.42	1.49	1.56	1.58	1.46
1998	1.42	1.49	1.51	1.51	1.35	1.44	1.03	0.93	0.98	0.92	0.92	1.24	1.02
1999	1.10	1.04	1.09	1.10	1.16	1.05	0.90	0.86	0.87	0.88	0.94	0.92	0.90

1/ 1999 is preliminary.

2/ Marketing year, October through September.

3/ Marketing year, September through August.

4/ Marketing year, July through June.

--continued

**PRICES RECEIVED BY FARMERS FOR CROPS:
by Month, Minnesota, 1995-99 (continued)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing Year Average Price 1/
Barley 2/													
	<u>Dollars per Bushel</u>												
1995	1.71	1.85	1.91	1.87	2.02	1.99	2.08	1.95	2.09	2.39	2.61	2.72	2.55
1996	2.98	2.80	2.74	2.89	3.02	3.18	2.96	2.74	2.48	2.29	2.32	2.26	2.38
1997	2.25	2.17	2.20	2.24	2.22	2.06	2.02	1.84	1.86	2.09	1.95	1.88	1.88
1998	1.77	1.69	1.79	1.75	1.82	1.73	1.80	1.51	1.87	2.03	1.54	1.79	1.62
1999	1.45	1.56	1.40	1.36	1.39	1.46	1.34	1.33	1.51	1.66	1.64	1.69	1.25
All Hay, Baled 3/													
	<u>Dollars per Ton</u>												
1995	73.00	72.00	71.00	67.00	67.00	72.00	70.00	63.00	60.00	68.00	71.00	84.00	72.50
1996	84.00	80.00	76.00	79.00	75.00	73.00	66.00	60.00	68.00	72.00	86.00	84.00	81.00
1997	90.00	87.00	93.00	95.00	108.00	96.00	94.00	91.00	93.00	91.00	89.00	90.00	88.00
1998	89.00	89.00	82.00	79.00	75.00	73.00	76.00	71.00	66.00	55.00	68.00	66.00	67.00
1999	64.00	64.00	69.00	66.00	67.00	60.00	62.00	58.00	59.00	62.00	64.00	61.00	61.00
Alfalfa Hay, Baled 3/													
	<u>Dollars per Ton</u>												
1995	79.00	76.00	78.00	73.00	77.00	78.00	76.00	75.00	62.00	71.00	83.00	93.00	81.50
1996	93.00	90.00	84.00	84.00	84.00	85.00	83.00	83.00	85.00	82.00	93.00	91.00	96.00
1997	98.00	101.00	103.00	109.00	115.00	110.00	104.00	103.00	102.00	97.00	100.00	95.00	98.00
1998	100.00	105.00	94.00	89.00	83.00	83.00	86.00	81.00	71.00	65.00	74.00	70.00	73.50
1999	68.00	70.00	74.00	70.00	72.00	65.00	68.00	65.00	65.00	65.00	75.00	70.00	67.50
All Other Hay, Baled 3/													
	<u>Dollars per Ton</u>												
1995	59.00	56.00	54.00	52.00	45.00	46.00	44.00	44.00	45.00	40.00	42.00	48.00	45.00
1996	49.00	41.00	44.00	53.00	53.00	58.00	54.00	51.00	51.00	62.00	60.00	73.00	61.50
1997	74.00	75.00	71.00	70.00	67.00	63.00	69.00	73.00	73.00	68.00	63.00	68.00	61.00
1998	64.00	52.00	55.00	41.00	57.00	51.00	52.00	49.00	47.00	41.00	45.00	49.00	47.00
1999	47.00	40.00	48.00	50.00	48.00	40.00	40.00	40.00	35.00	33.00	38.00	41.00	38.50
Dry Edible Beans 4/													
	<u>Dollars per Cwt.</u>												
1995	21.20	20.70	19.60	20.00	21.40	22.50	19.80	20.00	17.10	17.10	16.70	20.20	18.90
1996	21.30	21.40	17.80	20.20	23.80	26.80	29.00	28.10	26.50	24.40	26.10	21.90	23.00
1997	23.50	21.30	21.90	17.40	18.30	17.30	18.90	5/	15.90	16.00	16.50	17.70	17.50
1998	18.60	20.60	19.80	17.70	17.20	18.00	21.10	19.70	19.70	18.70	19.90	20.30	19.60
1999	21.60	19.60	21.00	17.80	18.80	16.80	18.90	16.60	17.50	18.80	19.60	18.90	18.10
Potatoes 2/													
	<u>Dollars per Cwt.</u>												
1995	4.90	4.85	5.15	5.15	4.70	4.60	8.50	6.50	5.00	4.70	4.55	4.95	5.25
1996	6.10	5.95	5.85	6.05	6.30	5.00	5/	7.35	4.75	5.05	4.55	4.30	4.65
1997	4.30	4.35	4.70	4.35	4.40	1.25	5/	7.40	5.35	4.70	5.10	4.95	5.55
1998	6.20	6.20	6.65	6.60	5.85	5/	5/	7.40	4.35	4.40	4.45	5.65	5.10
1999	5.90	5.90	5.80	6.15	5.55	4.35	5/	6.00	4.90	5.75	6.40	6.50	6.50

1/ 1999 is preliminary.

2/ Marketing year, July through June.

3/ Marketing year, June through May.

4/ Marketing year, September through August.

5/ Not published due to insufficient marketings.

LIVESTOCK, DAIRY, AND POULTRY PRICES

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 1999 Minnesota annual average prices for meat animals were mixed, with some higher and some lower than 1998. Beef cattle were up \$1.20 per hundredweight while steers and heifers were up \$1.90. Cows increased \$1.70 and calves were up \$10.90. All hogs decreased \$5.00 and barrows and gilts decreased \$5.20. Sows decreased \$2.40. Sheep were down \$2.20 but lambs were up \$1.80. Milk cows for dairy herd replacement were up \$190.00 per head. Turkeys were 35 cents per pound, unchanged from the previous year while table market eggs at 40 cents per dozen were down 5 cents. All milk and manufacturing grade milk were both down \$1.56 per 100 pounds while grade A milk was down \$1.57.

PRICES RECEIVED BY FARMERS FOR LIVESTOCK: by Month, Minnesota, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
Beef Cattle 1/													
	<u>Dollars per Cwt.</u>												
1995	60.20	61.50	60.50	58.60	56.20	55.00	53.00	53.10	53.60	54.70	55.00	57.20	56.60
1996	55.40	54.50	55.10	52.90	54.70	54.70	58.60	59.30	61.20	62.40	65.10	60.20	57.80
1997	59.70	59.70	61.10	62.00	62.10	61.20	61.40	62.10	61.60	60.90	61.00	60.80	61.10
1998	60.70	59.60	57.70	59.00	59.50	59.50	58.90	56.70	55.20	54.30	54.20	54.60	57.30
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
Steers and Heifers													
	<u>Dollars per Cwt.</u>												
1995	62.80	63.50	62.30	60.30	58.10	56.70	54.60	54.90	55.60	57.20	58.20	59.70	58.60
1996	57.70	56.70	57.20	56.00	58.00	58.00	60.80	62.10	64.90	66.20	67.10	64.30	60.70
1997	63.00	62.00	63.90	64.50	64.80	63.50	63.80	64.60	64.90	64.10	64.20	64.00	64.00
1998	63.60	62.20	61.80	63.30	64.00	64.50	63.60	59.80	58.90	58.90	59.20	57.90	61.30
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
Cows 2/													
	<u>Dollars per Cwt.</u>												
1995	37.70	40.90	41.80	38.50	37.50	38.40	35.80	36.20	35.60	34.20	30.60	32.00	36.40
1996	32.60	31.90	31.50	30.40	32.40	31.40	32.20	31.90	31.20	31.00	26.70	28.50	30.90
1997	29.80	32.70	36.60	38.00	37.00	36.90	37.90	36.30	34.00	33.50	31.10	32.50	34.40
1998	33.00	36.70	35.60	35.60	38.80	37.10	36.20	35.50	33.20	32.30	31.00	32.40	34.50
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
Calves													
	<u>Dollars per Cwt.</u>												
1995	79.00	85.00	85.80	85.60	73.20	74.20	70.00	67.20	66.50	65.00	62.00	62.60	72.90
1996	57.00	52.90	49.80	51.00	51.00	51.00	51.00	50.00	51.50	49.10	46.10	42.50	50.30
1997	57.50	65.00	63.60	65.40	63.70	61.70	64.50	68.30	68.90	62.00	62.50	65.00	64.00
1998	71.00	74.00	70.40	72.50	78.20	72.60	63.80	66.80	62.60	65.20	60.60	68.70	68.80
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

1/ Cows and Steers and Heifers combined.

2/ Beef cows and dairy cows sold for slaughter.

--continued

**PRICES RECEIVED BY FARMERS FOR LIVESTOCK:
by Month, Minnesota, 1995-99 (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>												
1995	39.10	40.30	38.90	36.90	38.30	43.80	48.00	50.50	49.70	47.50	41.10	44.80	41.90
1996	43.90	47.60	49.90	51.10	56.70	56.50	60.10	61.60	56.50	57.80	56.00	57.00	53.20
1997	54.80	54.00	50.40	54.50	59.20	58.90	60.40	57.30	51.90	49.00	46.80	43.10	54.30
1998	36.30	37.30	35.40	35.40	42.40	43.50	38.20	36.70	30.30	29.00	19.30	15.20	35.50
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
Barrows and Gilts 1/													
	<u>Dollars per Cwt.</u>												
1995	39.70	40.70	39.20	37.20	38.70	44.50	48.90	51.20	50.40	47.80	41.40	45.40	42.50
1996	44.50	48.10	50.60	52.00	57.50	57.10	60.70	62.10	56.90	58.10	56.10	57.30	53.80
1997	55.10	54.20	50.60	54.90	59.60	59.40	61.00	57.80	52.40	49.40	47.20	43.40	54.70
1998	36.60	37.60	35.70	35.70	42.90	44.10	38.70	37.10	30.80	29.30	19.40	15.30	35.90
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
Sows 1/													
	<u>Dollars per Cwt.</u>												
1995	26.10	29.30	31.60	30.00	28.90	29.60	29.50	34.90	36.10	39.60	32.40	32.40	30.30
1996	32.30	34.40	35.60	37.40	42.00	46.90	47.10	50.20	47.80	51.10	53.10	49.50	41.80
1997	48.00	48.30	46.40	45.70	50.80	47.50	47.10	45.90	41.30	39.50	36.10	34.10	45.40
1998	27.70	28.30	27.90	27.90	30.20	30.40	27.00	25.40	20.00	20.20	16.50	11.60	26.20
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
Sheep													
	<u>Dollars per Cwt.</u>												
1995	24.90	26.60	23.10	23.60	24.80	24.10	25.10	24.80	21.50	22.40	21.10	20.30	23.50
1996	26.50	30.60	30.00	23.50	21.60	19.60	27.40	26.60	27.00	24.70	24.90	32.00	25.80
1997	36.70	35.90	35.30	30.70	29.30	31.40	35.70	38.60	31.80	33.10	33.50	38.20	33.80
1998	38.20	38.70	37.50	30.20	26.90	22.80	23.70	23.00	23.90	21.60	20.50	27.10	27.20
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
Lambs													
	<u>Dollars per Cwt.</u>												
1995	61.70	69.00	72.30	70.30	82.00	89.40	84.40	82.50	81.60	72.70	70.20	72.90	75.30
1996	74.40	83.80	87.40	84.50	89.90	102.00	98.00	79.80	83.30	80.40	80.70	92.40	85.70
1997	99.70	102.00	99.10	94.50	101.00	89.70	80.10	92.10	83.90	82.70	80.40	84.80	90.80
1998	76.40	71.00	69.10	65.00	71.40	92.60	78.70	78.50	71.20	64.50	58.30	61.80	71.40
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

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

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

--continued



**PRICES RECEIVED BY FARMERS FOR MILK AND MILK COWS:
by Month, Minnesota, 1995-99 (continued)**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----------------------------

All Milk

	<u>Dollars per Cwt.</u>												
1995	12.36	12.64	12.62	12.01	11.90	11.96	11.84	12.21	12.99	13.84	14.40	14.25	12.72
1996	13.98	13.76	13.83	14.12	14.67	14.80	15.38	16.04	16.56	15.47	13.70	13.11	14.60
1997	13.16	13.46	13.47	12.64	12.00	11.80	11.85	12.98	13.57	14.21	14.77	14.90	13.19
1998	14.83	14.84	14.28	13.41	12.47	14.22	15.11	15.61	16.76	18.07	18.66	18.86	15.55
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	13.99

Fluid Market Milk

	Dollars per Cwt.												
1995	12.49	12.77	12.74	12.14	12.04	12.10	11.97	12.34	13.11	13.96	14.52	14.38	12.85
1996	14.13	13.89	13.97	14.24	14.79	14.92	15.51	16.17	16.69	15.61	13.85	13.25	14.73
1997	13.27	13.56	13.58	12.76	12.13	11.92	11.96	13.09	13.65	14.29	14.86	15.01	13.31
1998	14.93	14.94	14.39	13.52	12.59	14.32	15.19	15.69	16.86	18.15	18.74	18.95	15.65
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	14.08

Manufacturing Grade Milk

	Manufacturing Costs - Milk												
	Dollars per Cwt.												
1995	11.24	11.55	11.56	10.93	10.79	10.93	10.77	11.11	11.99	12.78	13.22	13.02	11.58
1996	12.67	12.60	12.58	13.06	13.68	13.76	14.25	14.86	15.38	14.09	12.04	11.64	13.39
1997	12.00	12.38	12.32	11.36	10.69	10.60	10.72	11.85	12.62	13.20	13.59	13.55	11.95
1998	13.50	13.48	12.92	11.99	11.05	13.04	14.08	14.54	15.45	16.95	17.53	17.70	14.24
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	12.68

Milk Cows 1/

	<u>Dollars per Head</u>												
1995	1,060	--	--	1,090	--	--	1,070	--	--	1,020	--	--	1,060
1996	980	--	--	1,000	--	--	1,020	--	--	1,060	--	--	1,020
1997	1,010	--	--	1,010	--	--	1,030	--	--	1,030	--	--	1,020
1998	990	--	--	1,050	--	--	1,030	--	--	1,110	--	--	1,050
1999	1,190	--	--	1,150	--	--	1,260	--	--	1,360	--	--	1,240

1/ Milk cows for dairy herd replacement only.

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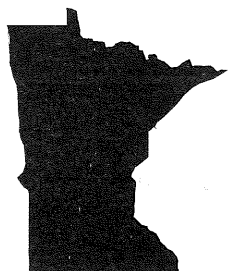


**PRICES RECEIVED BY FARMERS FOR POULTRY:
by Month, Minnesota, 1995-99 (continued)**

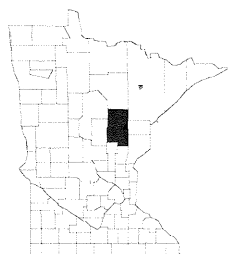
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
Turkeys													
	<u>Cents per Pound Live Weight</u>												
1995	34	35	35	35	32	34	34	34	34	35	36	37	35
1996	40	41	43	44	46	46	48	47	47	47	45	42	45
1997	41	38	41	40	41	41	40	39	39	39	38	36	39
1998	36	36	37	36	35	34	34	34	35	34	33	33	35
1999	33	33	34	35	36	37	35	35	35	35	34	36	35
Table Market Eggs 1/													
	<u>Cents per Dozen</u>												
1995	33	32	33	34	29	32	40	42	47	45	57	60	38
1996	61	52	56	54	50	53	52	57	59	53	63	75	56
1997	58	58	55	48	45	42	45	46	50	48	65	60	53
1998	50	43	51	43	33	39	40	44	43	47	51	55	45
1999	55	45	52	37	31	31	35	35	34	26	40	34	40

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.

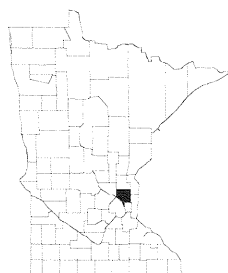


MINNESOTA1998 Population:
4,782,264

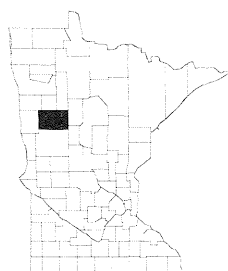
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	75,079	73,367	Corn, Bu.	6,600,000	150.0	990,000,000	4
Total Land in Farms, Acres	25,666,944	25,994,621	Soybeans, Bu.	6,900,000	41.0	282,900,000	3
Average Farm Size, Acres	342	354	All Wheat, Bu.	1,990,000	39.8	79,210,000	11
Total Cropland, Acres	21,387,063	21,491,743	Oats, Bu.	300,000	59.0	17,700,000	2
Average Age of Farmers	50	51	All Hay, Tons	2,450,000	2.9	7,130,000	8
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	3,777,025	6	Hogs and Pigs (December 1, 1999)		5,500,000		3
Livestock	4,328,330	8	Cattle (January 1, 2000)		2,550,000		12
Government Payments	417,049	6	Beef Cows (January 1, 2000)		400,000		27
Total	8,522,404	7	Milk Cows (January 1, 2000)		540,000		5

AITKIN1998 Population:
14,099

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	563	587	Corn, Bu.	200	100.0	20,000	78
Total Land in Farms, Acres	168,073	163,523	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	299	279	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	94,338	81,090	Oats, Bu.	*	*	*	*
Average Age of Farmers	55	55	All Hay, Tons	56,300	1.8	101,400	22
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	4,658	76	Hogs and Pigs (December 1, 1999)		200		80
Livestock	14,112	65	Cattle (January 1, 2000)		15,000		58
Government Payments	247	80	Beef Cows (January 1, 2000)		5,500		26
Total	19,017	78	Milk Cows (January 1, 2000)		1,400		69

ANOKA1998 Population:
290,871

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	507	473	Corn, Bu.	8,800	105.0	924,000	68
Total Land in Farms, Acres	61,832	57,313	Soybeans, Bu.	4,700	36.0	169,200	71
Average Farm Size, Acres	122	121	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	40,191	39,909	Oats, Bu.	*	*	*	*
Average Age of Farmers	54	54	All Hay, Tons	*	*	*	*
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	13,466	69	Hogs and Pigs (December 1, 1999)		2,200		66
Livestock	9,931	72	Cattle (January 1, 2000)		3,300		84
Government Payments	427	78	Beef Cows (January 1, 2000)		800		83
Total	23,824	73	Milk Cows (January 1, 2000)		400		80

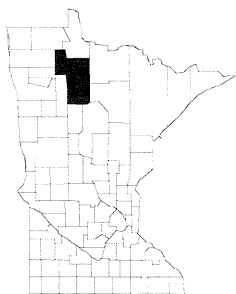
BECKER1998 Population:
29,582

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,037	1,084	Corn, Bu.	9,400	108.0	1,015,200	67
Total Land in Farms, Acres	377,693	388,733	Soybeans, Bu.	59,000	27.0	1,593,000	51
Average Farm Size, Acres	364	359	All Wheat, Bu.	75,500	32.0	2,417,000	10
Total Cropland, Acres	266,737	269,322	Oats, Bu.	7,900	43.0	339,700	11
Average Age of Farmers	51	52	All Hay, Tons	57,600	2.5	142,800	10
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	27,865	52	Hogs and Pigs (December 1, 1999)		7,100		59
Livestock	57,199	32	Cattle (January 1, 2000)		39,000		16
Government Payments	4,018	52	Beef Cows (January 1, 2000)		8,000		15
Total	89,082	50	Milk Cows (January 1, 2000)		9,600		17

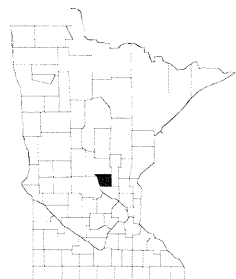
*=None or no estimates available.

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

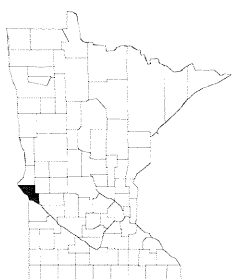
2/ Cash receipts are reported in 1,000 dollars.

BELTRAMI1998 Population:
37,899

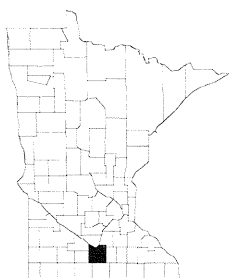
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	647	656	Corn, Bu.	100	90.0	9,000	79
Total Land in Farms, Acres	224,923	224,898	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	348	343	All Wheat, Bu.	4,600	22.9	105,200	36
Total Cropland, Acres	129,131	120,736	Oats, Bu.	4,400	39.0	171,600	33
Average Age of Farmers	54	54	All Hay, Tons	61,400	1.6	100,400	23
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	4,445	78	Hogs and Pigs (December 1, 1999)			200	80
Livestock	14,470	64	Cattle (January 1, 2000)			29,000	32
Government Payments	896	70	Beef Cows (January 1, 2000)			11,500	5
Total	19,811	76	Milk Cows (January 1, 2000)			2,500	47

BENTON1998 Population:
34,431

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	865	834	Corn, Bu.	51,500	130.0	6,695,000	49
Total Land in Farms, Acres	183,760	176,330	Soybeans, Bu.	19,500	39.0	760,500	61
Average Farm Size, Acres	212	211	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	136,938	131,129	Oats, Bu.	4,500	62.0	279,000	15
Average Age of Farmers	50	50	All Hay, Tons	33,300	3.7	122,700	15
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	15,535	64	Hogs and Pigs (December 1, 1999)			26,000	39
Livestock	75,625	24	Cattle (January 1, 2000)			39,000	16
Government Payments	2,225	62	Beef Cows (January 1, 2000)			4,000	38
Total	93,385	44	Milk Cows (January 1, 2000)			14,000	11

BIG STONE1998 Population:
5,875

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	460	420	Corn, Bu.	69,900	139.0	9,716,100	43
Total Land in Farms, Acres	262,207	253,988	Soybeans, Bu.	117,100	38.0	4,449,800	32
Average Farm Size, Acres	570	605	All Wheat, Bu.	39,000	47.7	1,861,500	12
Total Cropland, Acres	238,637	227,048	Oats, Bu.	*	*	*	*
Average Age of Farmers	49	50	All Hay, Tons	6,800	2.6	17,800	80
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	35,756	45	Hogs and Pigs (December 1, 1999)			35,000	35
Livestock	16,968	62	Cattle (January 1, 2000)			9,000	74
Government Payments	3,672	56	Beef Cows (January 1, 2000)			2,300	58
Total	56,396	59	Milk Cows (January 1, 2000)			1,100	73

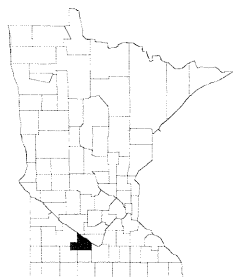
BLUE EARTH1998 Population:
55,611

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,091	1,037	Corn, Bu.	177,500	157.0	27,867,500	5
Total Land in Farms, Acres	383,373	403,362	Soybeans, Bu.	178,300	44.0	7,845,200	6
Average Farm Size, Acres	351	389	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	353,929	370,410	Oats, Bu.	*	*	*	*
Average Age of Farmers	49	50	All Hay, Tons	5,300	2.9	15,600	81
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	79,296	13	Hogs and Pigs (December 1, 1999)			325,000	2
Livestock	99,171	9	Cattle (January 1, 2000)			17,500	56
Government Payments	7,850	17	Beef Cows (January 1, 2000)			1,600	72
Total	186,317	8	Milk Cows (January 1, 2000)			1,800	60

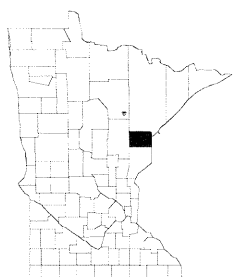
* = None or no estimates available.

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

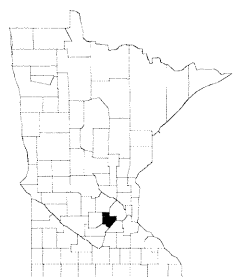
2/ Cash receipts are reported in 1,000 dollars.

BROWN1998 Population:
27,976

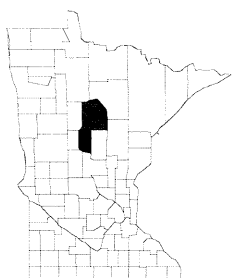
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,190	1,054	Corn, Bu.	142,900	162.0	23,149,800	16
Total Land in Farms, Acres	347,420	350,398	Soybeans, Bu.	140,200	44.0	6,168,800	16
Average Farm Size, Acres	292	332	All Wheat, Bu.	1,800	49.3	88,800	37
Total Cropland, Acres	320,871	321,374	Oats, Bu.	3,100	72.0	223,200	25
Average Age of Farmers	48	49	All Hay, Tons	15,700	4.4	68,500	35
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	61,431	23	Hogs and Pigs (December 1, 1999)	242,000		5	
Livestock	106,596	6	Cattle (January 1, 2000)	38,000		19	
Government Payments	5,779	30	Beef Cows (January 1, 2000)	2,500		56	
Total	173,806	10	Milk Cows (January 1, 2000)	7,800		21	

CARLTON1998 Population:
31,496

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	509	527	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	113,422	107,166	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	223	203	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	61,392	55,523	Oats, Bu.	*	*	*	*
Average Age of Farmers	52	52	All Hay, Tons	33,800	1.8	60,000	41
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	1,250	85	Hogs and Pigs (December 1, 1999)	400		79	
Livestock	9,159	75	Cattle (January 1, 2000)	11,500		66	
Government Payments	83	83	Beef Cows (January 1, 2000)	3,500		42	
Total	10,492	81	Milk Cows (January 1, 2000)	2,300		52	

CARVER1998 Population:
63,358

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	901	779	Corn, Bu.	52,600	161.0	8,468,600	47
Total Land in Farms, Acres	165,961	153,223	Soybeans, Bu.	41,300	49.0	2,023,700	49
Average Farm Size, Acres	184	197	All Wheat, Bu.	1,700	38.8	66,000	39
Total Cropland, Acres	138,704	125,988	Oats, Bu.	2,600	66.0	171,600	33
Average Age of Farmers	51	52	All Hay, Tons	24,200	4.5	107,700	20
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	21,240	57	Hogs and Pigs (December 1, 1999)	17,500		46	
Livestock	54,440	34	Cattle (January 1, 2000)	36,500		21	
Government Payments	2,567	60	Beef Cows (January 1, 2000)	1,400		75	
Total	78,247	51	Milk Cows (January 1, 2000)	14,200		9	

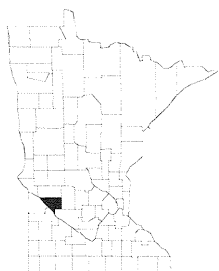
CASS1998 Population:
24,997

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	595	598	Corn, Bu.	1,700	116.0	197,200	74
Total Land in Farms, Acres	200,199	191,847	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	336	321	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	99,796	95,084	Oats, Bu.	1,200	32.0	38,400	67
Average Age of Farmers	52	53	All Hay, Tons	57,600	2.0	112,800	18
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	1,785	82	Hogs and Pigs (December 1, 1999)	7,400		58	
Livestock	20,238	57	Cattle (January 1, 2000)	33,500		26	
Government Payments	505	76	Beef Cows (January 1, 2000)	13,000		4	
Total	22,528	74	Milk Cows (January 1, 2000)	2,400		48	

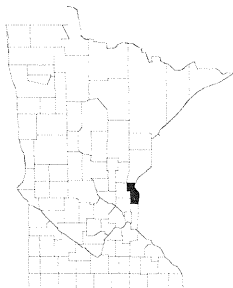
* = None or no estimates available.

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

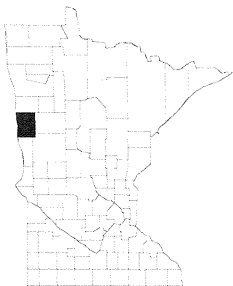
2/ Cash receipts are reported in 1,000 dollars.

CHIPPEWA1998 Population:
13,053

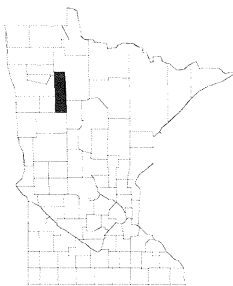
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	689	618	Corn, Bu.	141,700	166.0	23,522,200	14
Total Land in Farms, Acres	326,804	318,472	Soybeans, Bu.	135,000	44.0	5,940,000	18
Average Farm Size, Acres	474	515	All Wheat, Bu.	4,000	51.0	204,000	27
Total Cropland, Acres	306,175	297,971	Oats, Bu.	1,000	75.0	75,000	59
Average Age of Farmers	47	49	All Hay, Tons	8,400	3.9	32,600	73
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	90,973	8	Hogs and Pigs (December 1, 1999)			29,000	37
Livestock	18,727	59	Cattle (January 1, 2000)			8,000	77
Government Payments	5,143	40	Beef Cows (January 1, 2000)			1,800	67
Total	114,843	33	Milk Cows (January 1, 2000)			600	79

CHISAGO1998 Population:
40,237

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	778	762	Corn, Bu.	22,900	118.0	2,702,200	59
Total Land in Farms, Acres	138,594	121,527	Soybeans, Bu.	22,300	34.0	758,200	62
Average Farm Size, Acres	178	159	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	96,555	84,160	Oats, Bu.	1,500	49.0	73,500	60
Average Age of Farmers	53	53	All Hay, Tons	18,100	2.8	50,100	52
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	14,773	67	Hogs and Pigs (December 1, 1999)			6,400	61
Livestock	13,904	67	Cattle (January 1, 2000)			14,000	60
Government Payments	1,219	66	Beef Cows (January 1, 2000)			2,700	54
Total	29,896	67	Milk Cows (January 1, 2000)			3,200	40

CLAY1998 Population:
53,183

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	875	887	Corn, Bu.	35,700	120.0	4,284,000	54
Total Land in Farms, Acres	566,981	581,226	Soybeans, Bu.	124,100	34.0	4,219,400	34
Average Farm Size, Acres	648	655	All Wheat, Bu.	183,600	39.9	7,329,900	5
Total Cropland, Acres	515,859	529,223	Oats, Bu.	4,000	67.0	268,000	17
Average Age of Farmers	49	51	All Hay, Tons	23,300	2.6	60,600	40
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	110,595	3	Hogs and Pigs (December 1, 1999)			9,500	55
Livestock	31,315	52	Cattle (January 1, 2000)			19,500	50
Government Payments	8,396	15	Beef Cows (January 1, 2000)			4,500	33
Total	150,306	20	Milk Cows (January 1, 2000)			2,600	45

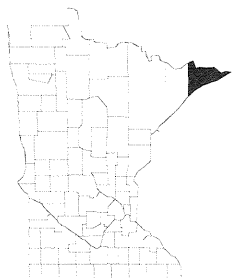
CLEARWATER1998 Population:
8,423

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	583	570	Corn, Bu.	1,500	97.0	145,500	76
Total Land in Farms, Acres	210,897	212,285	Soybeans, Bu.	2,200	28.0	61,600	73
Average Farm Size, Acres	362	372	All Wheat, Bu.	4,900	28.9	141,400	32
Total Cropland, Acres	113,899	114,659	Oats, Bu.	4,300	37.0	159,100	37
Average Age of Farmers	53	54	All Hay, Tons	67,400	1.9	131,000	12
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	4,885	75	Hogs and Pigs (December 1, 1999)			500	78
Livestock	22,310	55	Cattle (January 1, 2000)			26,500	39
Government Payments	675	74	Beef Cows (January 1, 2000)			11,000	6
Total	27,870	70	Milk Cows (January 1, 2000)			1,600	63

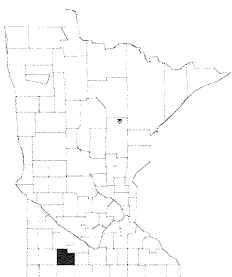
*=None or no estimates available.

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

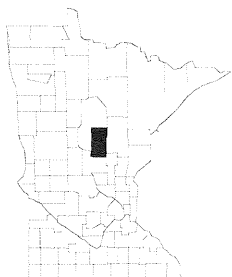
2/ Cash receipts are reported in 1,000 dollars.

COOK1998 Population:
4,501

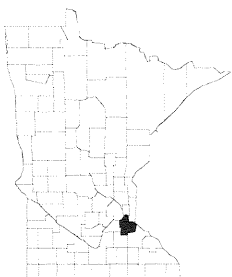
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	7	11	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	1,249	*	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	178	*	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	715	946	Oats, Bu.	*	*	*	*
Average Age of Farmers	55	55	All Hay, Tons	*	*	*	*
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	*	*	Hogs and Pigs (December 1, 1999)	*		*	*
Livestock	*	*	Cattle (January 1, 2000)	100		87	
Government Payments	*	*	Beef Cows (January 1, 2000)	100		85	
Total	*	*	Milk Cows (January 1, 2000)	*		*	*

COTTONWOOD1998 Population:
12,923

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	876	784	Corn, Bu.	172,400	153.0	26,377,200	8
Total Land in Farms, Acres	374,920	368,346	Soybeans, Bu.	172,300	42.0	7,236,600	10
Average Farm Size, Acres	428	470	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	341,220	333,499	Oats, Bu.	*	*	*	*
Average Age of Farmers	48	50	All Hay, Tons	6,900	3.7	25,200	76
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	73,542	17	Hogs and Pigs (December 1, 1999)	132,000		17	
Livestock	94,151	13	Cattle (January 1, 2000)	32,000		28	
Government Payments	7,366	21	Beef Cows (January 1, 2000)	3,500		42	
Total	175,059	9	Milk Cows (January 1, 2000)	1,500		67	

CROW WING1998 Population:
51,605

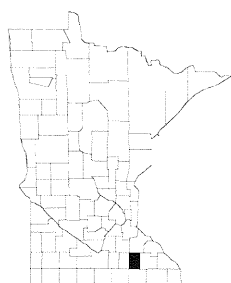
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	509	593	Corn, Bu.	4,900	100.0	490,000	70
Total Land in Farms, Acres	130,683	135,322	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	257	228	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	66,187	69,496	Oats, Bu.	2,900	36.0	104,400	50
Average Age of Farmers	54	54	All Hay, Tons	30,200	1.9	57,200	43
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	2,827	81	Hogs and Pigs (December 1, 1999)	3,800		63	
Livestock	14,041	66	Cattle (January 1, 2000)	18,000		53	
Government Payments	365	79	Beef Cows (January 1, 2000)	6,500		19	
Total	17,233	79	Milk Cows (January 1, 2000)	2,100		56	

DAKOTA1998 Population:
339,256

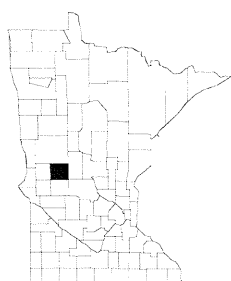
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	869	890	Corn, Bu.	85,800	154.0	13,213,200	34
Total Land in Farms, Acres	221,193	221,316	Soybeans, Bu.	68,300	44.0	3,005,200	46
Average Farm Size, Acres	255	249	All Wheat, Bu.	1,300	43.5	56,500	41
Total Cropland, Acres	199,534	196,148	Oats, Bu.	1,700	56.0	95,200	52
Average Age of Farmers	51	52	All Hay, Tons	13,100	4.0	52,500	50
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock	Number		Rank	
Crops	64,133	21	Hogs and Pigs (December 1, 1999)	24,500		41	
Livestock	40,301	44	Cattle (January 1, 2000)	37,000		20	
Government Payments	4,193	49	Beef Cows (January 1, 2000)	2,800		51	
Total	108,627	36	Milk Cows (January 1, 2000)	4,500		32	

* = None or no estimates available.

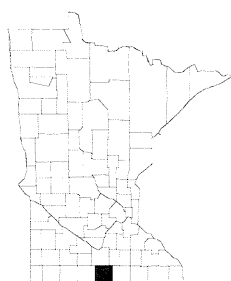
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

DODGE1998 Population:
17,298

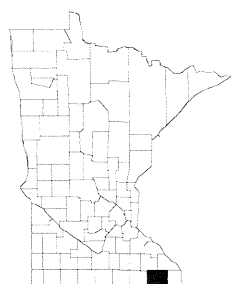
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	740	674	Corn, Bu.	101,300	159.0	16,106,700	29
Total Land in Farms, Acres	241,148	246,818	Soybeans, Bu.	92,800	43.0	3,990,400	36
Average Farm Size, Acres	326	366	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	220,585	224,431	Oats, Bu.	1,900	64.0	121,600	43
Average Age of Farmers	48	50	All Hay, Tons	16,700	3.8	63,000	38
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	50,929	36	Hogs and Pigs (December 1, 1999)			77,000	27
Livestock	50,592	38	Cattle (January 1, 2000)			24,500	43
Government Payments	4,909	43	Beef Cows (January 1, 2000)			1,700	69
Total	106,430	38	Milk Cows (January 1, 2000)			6,700	25

DOUGLAS1998 Population:
31,481

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	956	1,042	Corn, Bu.	37,500	131.0	4,912,500	53
Total Land in Farms, Acres	260,125	267,875	Soybeans, Bu.	60,300	40.0	2,412,000	48
Average Farm Size, Acres	272	257	All Wheat, Bu.	22,500	40.9	920,100	17
Total Cropland, Acres	197,850	200,930	Oats, Bu.	6,900	66.0	455,400	9
Average Age of Farmers	52	54	All Hay, Tons	34,700	3.4	117,400	16
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	15,555	63	Hogs and Pigs (December 1, 1999)			17,000	47
Livestock	44,126	43	Cattle (January 1, 2000)			34,000	24
Government Payments	3,549	57	Beef Cows (January 1, 2000)			4,000	38
Total	63,230	58	Milk Cows (January 1, 2000)			10,800	13

FARIBAULT1998 Population:
16,432

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,016	878	Corn, Bu.	195,700	149.0	29,159,300	4
Total Land in Farms, Acres	414,710	413,409	Soybeans, Bu.	170,400	42.0	7,156,800	12
Average Farm Size, Acres	408	471	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	387,591	388,825	Oats, Bu.	*	*	*	*
Average Age of Farmers	49	51	All Hay, Tons	3,400	3.4	11,600	82
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	99,529	5	Hogs and Pigs (December 1, 1999)			179,000	11
Livestock	57,393	31	Cattle (January 1, 2000)			13,500	61
Government Payments	8,663	13	Beef Cows (January 1, 2000)			2,000	64
Total	165,585	14	Milk Cows (January 1, 2000)			2,200	55

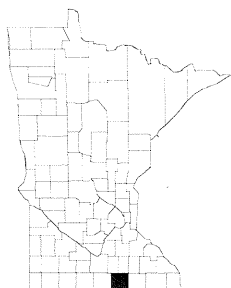
FILLMORE1998 Population:
20,967

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,618	1,546	Corn, Bu.	143,100	157.0	22,466,700	17
Total Land in Farms, Acres	443,496	434,581	Soybeans, Bu.	100,400	45.0	4,518,000	29
Average Farm Size, Acres	274	281	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	332,446	327,011	Oats, Bu.	9,500	70.0	665,000	4
Average Age of Farmers	51	52	All Hay, Tons	58,000	3.6	206,600	8
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	55,393	31	Hogs and Pigs (December 1, 1999)			127,000	19
Livestock	105,041	7	Cattle (January 1, 2000)			85,000	4
Government Payments	9,036	11	Beef Cows (January 1, 2000)			17,000	1
Total	169,470	11	Milk Cows (January 1, 2000)			15,300	8

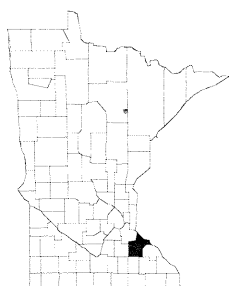
* = None or no estimates available.

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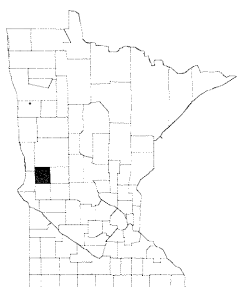
2/ Cash receipts are reported in 1,000 dollars.

FREEBORN1998 Population:
32,324

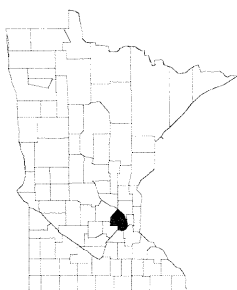
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,154	1,151	Corn, Bu.	177,600	143.0	25,396,800	11
Total Land in Farms, Acres	366,534	379,580	Soybeans, Bu.	159,000	40.0	6,360,000	15
Average Farm Size, Acres	318	330	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	342,789	351,342	Oats, Bu.	1,900	62.0	117,800	46
Average Age of Farmers	49	51	All Hay, Tons	11,200	3.3	37,300	68
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	88,835	10	Hogs and Pigs (December 1, 1999)			185,000	9
Livestock	63,682	28	Cattle (January 1, 2000)			14,500	59
Government Payments	9,406	6	Beef Cows (January 1, 2000)			2,200	60
Total	161,923	16	Milk Cows (January 1, 2000)			2,300	52

GOODHUE1998 Population:
43,266

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,540	1,489	Corn, Bu.	127,000	156.0	19,812,000	22
Total Land in Farms, Acres	379,603	384,565	Soybeans, Bu.	89,800	44.0	3,951,200	37
Average Farm Size, Acres	246	258	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	312,529	314,883	Oats, Bu.	7,400	65.0	481,000	8
Average Age of Farmers	49	50	All Hay, Tons	47,800	4.4	211,400	7
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	60,529	25	Hogs and Pigs (December 1, 1999)			88,000	25
Livestock	101,604	8	Cattle (January 1, 2000)			82,000	6
Government Payments	6,112	28	Beef Cows (January 1, 2000)			6,500	19
Total	168,245	13	Milk Cows (January 1, 2000)			25,500	5

GRANT1998 Population:
6,201

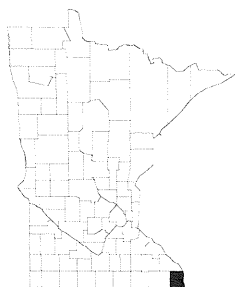
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	471	468	Corn, Bu.	54,500	147.0	8,011,500	48
Total Land in Farms, Acres	269,147	278,495	Soybeans, Bu.	115,000	40.0	4,600,000	28
Average Farm Size, Acres	571	595	All Wheat, Bu.	80,000	45.0	3,600,000	7
Total Cropland, Acres	251,425	251,089	Oats, Bu.	*	*	*	*
Average Age of Farmers	49	53	All Hay, Tons	7,800	3.5	27,100	74
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	47,332	37	Hogs and Pigs (December 1, 1999)			16,500	50
Livestock	18,581	60	Cattle (January 1, 2000)			8,000	77
Government Payments	4,896	44	Beef Cows (January 1, 2000)			1,300	76
Total	70,809	54	Milk Cows (January 1, 2000)			1,700	61

HENNEPIN1998 Population:
1,081,875

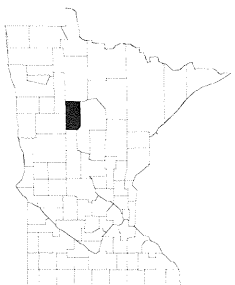
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	683	574	Corn, Bu.	17,600	132.0	2,323,200	61
Total Land in Farms, Acres	79,183	69,128	Soybeans, Bu.	14,800	40.0	592,000	64
Average Farm Size, Acres	116	120	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	60,671	54,432	Oats, Bu.	1,000	53.0	53,000	65
Average Age of Farmers	53	54	All Hay, Tons	15,800	3.1	49,100	53
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	26,896	53	Hogs and Pigs (December 1, 1999)			1,600	70
Livestock	14,714	63	Cattle (January 1, 2000)			10,000	72
Government Payments	739	73	Beef Cows (January 1, 2000)			1,000	81
Total	42,349	65	Milk Cows (January 1, 2000)			2,600	45

*=None or no estimates available.

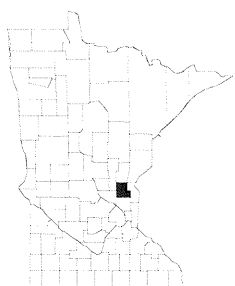
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

HOUSTON1998 Population:
19,412

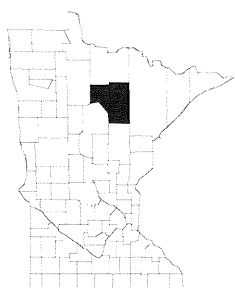
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	974	954	Corn, Bu.	61,200	155.0	9,486,000	44
Total Land in Farms, Acres	272,049	298,173	Soybeans, Bu.	26,400	46.0	1,214,400	53
Average Farm Size, Acres	279	313	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	157,637	186,799	Oats, Bu.	4,700	62.0	291,400	13
Average Age of Farmers	51	54	All Hay, Tons	49,800	3.8	187,800	9
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	17,537	59	Hogs and Pigs (December 1, 1999)			28,500	38
Livestock	79,917	20	Cattle (January 1, 2000)			57,000	9
Government Payments	3,722	54	Beef Cows (January 1, 2000)			11,000	6
Total	101,176	41	Milk Cows (January 1, 2000)			10,500	14

HUBBARD1998 Population:
16,905

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	387	431	Corn, Bu.	9,500	145.0	1,377,500	66
Total Land in Farms, Acres	112,412	130,530	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	290	303	All Wheat, Bu.	1,200	23.0	27,600	45
Total Cropland, Acres	61,907	71,086	Oats, Bu.	2,800	33.0	92,400	53
Average Age of Farmers	53	55	All Hay, Tons	29,000	1.6	47,600	55
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	13,515	68	Hogs and Pigs (December 1, 1999)			1,500	71
Livestock	5,718	80	Cattle (January 1, 2000)			11,200	68
Government Payments	492	77	Beef Cows (January 1, 2000)			4,700	32
Total	19,725	77	Milk Cows (January 1, 2000)			700	77

ISANTI1998 Population:
30,038

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	680	746	Corn, Bu.	34,000	118.0	4,012,000	55
Total Land in Farms, Acres	131,563	139,417	Soybeans, Bu.	29,800	32.0	953,600	57
Average Farm Size, Acres	193	187	All Wheat, Bu.	1,000	41.8	41,800	42
Total Cropland, Acres	95,251	99,017	Oats, Bu.	1,300	43.0	55,900	64
Average Age of Farmers	52	52	All Hay, Tons	15,600	2.4	37,700	67
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	16,947	60	Hogs and Pigs (December 1, 1999)			6,300	62
Livestock	10,127	70	Cattle (January 1, 2000)			8,500	76
Government Payments	1,480	64	Beef Cows (January 1, 2000)			2,100	63
Total	28,554	69	Milk Cows (January 1, 2000)			1,600	63

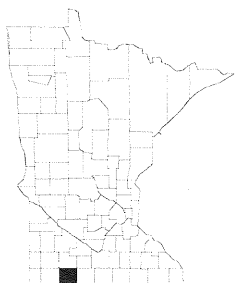
ITASCA1998 Population:
43,729

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	420	415	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	107,810	103,716	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	257	250	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	59,348	55,433	Oats, Bu.	1,300	48.0	62,400	62
Average Age of Farmers	54	55	All Hay, Tons	34,800	1.5	53,800	45
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	1,378	83	Hogs and Pigs (December 1, 1999)			200	80
Livestock	5,044	81	Cattle (January 1, 2000)			11,500	66
Government Payments	52	84	Beef Cows (January 1, 2000)			5,000	28
Total	6,474	83	Milk Cows (January 1, 2000)			400	80

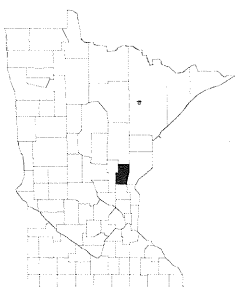
*=None or no estimates available

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

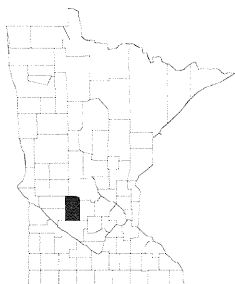
2/ Cash receipts are reported in 1,000 dollars.

JACKSON1998 Population:
11,728

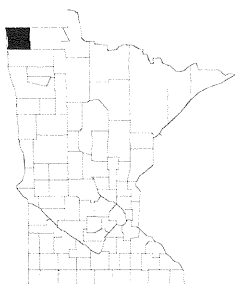
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,027	963	Corn, Bu.	179,800	148.0	26,610,400	7
Total Land in Farms, Acres	401,039	383,631	Soybeans, Bu.	180,000	41.0	7,380,000	8
Average Farm Size, Acres	390	398	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	376,183	355,106	Oats, Bu.	*	*	*	*
Average Age of Farmers	47	50	All Hay, Tons	6,900	3.0	21,000	79
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	83,049	11	Hogs and Pigs (December 1, 1999)		184,000		10
Livestock	78,430	21	Cattle (January 1, 2000)		18,000		53
Government Payments	7,810	18	Beef Cows (January 1, 2000)		2,800		51
Total	169,289	12	Milk Cows (January 1, 2000)		700		77

KANABEC1998 Population:
14,220

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	650	626	Corn, Bu.	14,100	117.0	1,649,700	63
Total Land in Farms, Acres	145,545	138,850	Soybeans, Bu.	6,500	36.0	234,000	70
Average Farm Size, Acres	224	222	All Wheat, Bu.	1,000	40.9	40,900	43
Total Cropland, Acres	74,912	68,054	Oats, Bu.	2,200	54.0	118,800	45
Average Age of Farmers	51	51	All Hay, Tons	30,900	2.4	75,100	33
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	3,873	80	Hogs and Pigs (December 1, 1999)		8,200		57
Livestock	17,488	61	Cattle (January 1, 2000)		23,500		44
Government Payments	544	75	Beef Cows (January 1, 2000)		6,500		19
Total	21,905	75	Milk Cows (January 1, 2000)		3,100		41

KANDIYOHI1998 Population:
41,782

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,113	1,131	Corn, Bu.	134,400	162.0	21,772,800	18
Total Land in Farms, Acres	360,500	378,831	Soybeans, Bu.	119,100	45.0	5,359,500	22
Average Farm Size, Acres	324	335	All Wheat, Bu.	6,300	48.0	302,400	23
Total Cropland, Acres	314,802	326,925	Oats, Bu.	4,300	61.0	262,300	18
Average Age of Farmers	49	52	All Hay, Tons	27,200	3.5	96,000	24
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	64,211	20	Hogs and Pigs (December 1, 1999)		83,000		26
Livestock	157,894	2	Cattle (January 1, 2000)		28,500		34
Government Payments	7,611	19	Beef Cows (January 1, 2000)		2,800		51
Total	229,716	5	Milk Cows (January 1, 2000)		7,500		22

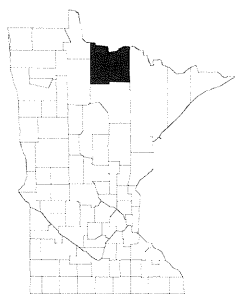
KITTSO1998 Population:
5,455

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	521	558	Corn, Bu.	6,100	75.0	457,500	71
Total Land in Farms, Acres	482,991	501,466	Soybeans, Bu.	26,100	33.0	861,300	59
Average Farm Size, Acres	927	899	All Wheat, Bu.	176,400	44.9	7,918,400	3
Total Cropland, Acres	413,926	430,887	Oats, Bu.	5,800	45.0	261,000	20
Average Age of Farmers	49	52	All Hay, Tons	23,700	2.2	52,800	48
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	52,008	33	Hogs and Pigs (December 1, 1999)		2,200		66
Livestock	7,567	78	Cattle (January 1, 2000)		13,500		61
Government Payments	9,811	4	Beef Cows (January 1, 2000)		6,000		22
Total	69,386	55	Milk Cows (January 1, 2000)		1,600		63

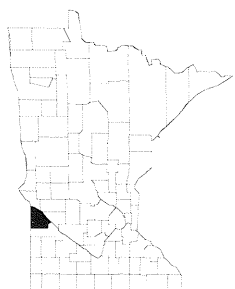
* = None or no estimates available

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.virginia.edu/reis/county.html>).

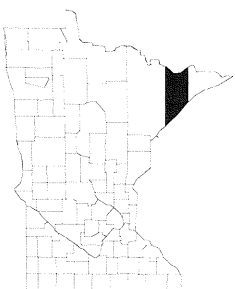
2/ Cash receipts are reported in 1,000 dollars.

KOOCHICHING1998 Population:
15,826

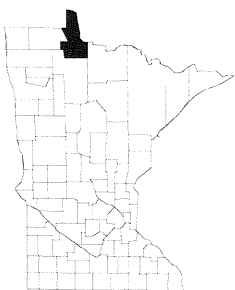
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	189	213	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	68,778	76,635	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	364	360	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	34,928	41,971	Oats, Bu.	600	37.0	22,200	68
Average Age of Farmers	52	52	All Hay, Tons	24,200	1.6	39,400	64
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	1,274	84	Hogs and Pigs (December 1, 1999)			200	80
Livestock	2,563	83	Cattle (January 1, 2000)			5,800	81
Government Payments	140	81	Beef Cows (January 1, 2000)			3,000	47
Total	3,977	85	Milk Cows (January 1, 2000)			200	82

LAC QUI PARLE1998 Population:
8,540

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	866	790	Corn, Bu.	152,100	142.0	21,598,200	19
Total Land in Farms, Acres	405,029	397,519	Soybeans, Bu.	184,300	39.0	7,187,700	11
Average Farm Size, Acres	468	503	All Wheat, Bu.	14,900	48.9	728,900	18
Total Cropland, Acres	370,847	361,544	Oats, Bu.	*	*	*	*
Average Age of Farmers	48	51	All Hay, Tons	16,800	3.1	52,800	48
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	66,713	18	Hogs and Pigs (December 1, 1999)			59,500	30
Livestock	32,200	51	Cattle (January 1, 2000)			15,500	57
Government Payments	7,320	22	Beef Cows (January 1, 2000)			4,500	33
Total	106,233	39	Milk Cows (January 1, 2000)			1,600	63

LAKE1998 Population:
10,700

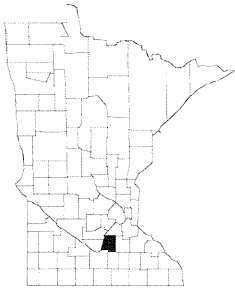
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	35	37	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	5,262	3,970	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	150	107	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	1,530	1,606	Oats, Bu.	*	*	*	*
Average Age of Farmers	56	55	All Hay, Tons	*	*	*	*
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	50	86	Hogs and Pigs (December 1, 1999)			100	85
Livestock	46	86	Cattle (January 1, 2000)			200	85
Government Payments	2	85	Beef Cows (January 1, 2000)			100	85
Total	98	86	Milk Cows (January 1, 2000)			*	*

LAKE OF THE WOODS1998 Population:
4,553

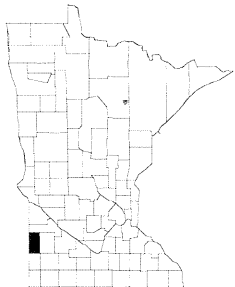
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	176	196	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	103,665	117,644	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	589	600	All Wheat, Bu.	5,800	22.9	132,800	33
Total Cropland, Acres	74,048	78,126	Oats, Bu.	600	33.0	19,800	69
Average Age of Farmers	54	53	All Hay, Tons	22,600	1.6	35,200	70
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	5,305	73	Hogs and Pigs (December 1, 1999)			200	80
Livestock	1,846	84	Cattle (January 1, 2000)			4,000	83
Government Payments	860	71	Beef Cows (January 1, 2000)			1,800	67
Total	8,011	82	Milk Cows (January 1, 2000)			200	82

* = None or no estimates available

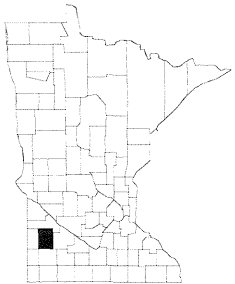
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

LE SUEUR1998 Population:
25,181

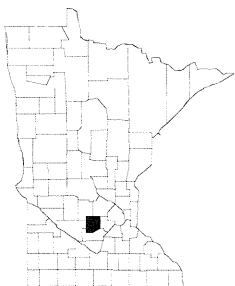
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	845	877	Corn, Bu.	86,300	150.0	12,945,000	35
Total Land in Farms, Acres	205,031	214,652	Soybeans, Bu.	85,000	44.0	3,740,000	40
Average Farm Size, Acres	243	245	All Wheat, Bu.	1,800	41.8	75,200	38
Total Cropland, Acres	178,474	183,523	Oats, Bu.	1,400	66.0	92,400	53
Average Age of Farmers	49	52	All Hay, Tons	11,000	3.5	38,100	66
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	40,602	43	Hogs and Pigs (December 1, 1999)			71,000	28
Livestock	47,219	39	Cattle (January 1, 2000)			22,000	47
Government Payments	5,424	36	Beef Cows (January 1, 2000)			2,200	60
Total	93,245	45	Milk Cows (January 1, 2000)			4,500	32

LINCOLN1998 Population:
6,644

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	696	724	Corn, Bu.	85,500	131.0	11,200,500	42
Total Land in Farms, Acres	255,453	269,646	Soybeans, Bu.	104,700	37.0	3,873,900	38
Average Farm Size, Acres	367	372	All Wheat, Bu.	9,600	40.0	384,000	21
Total Cropland, Acres	225,490	233,699	Oats, Bu.	2,800	74.0	207,200	27
Average Age of Farmers	50	53	All Hay, Tons	21,800	3.8	82,000	29
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	22,082	56	Hogs and Pigs (December 1, 1999)			55,500	31
Livestock	38,323	46	Cattle (January 1, 2000)			28,000	36
Government Payments	6,700	27	Beef Cows (January 1, 2000)			5,000	28
Total	67,105	57	Milk Cows (January 1, 2000)			3,400	38

LYON1998 Population:
25,484

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	947	931	Corn, Bu.	169,000	144.0	24,336,000	13
Total Land in Farms, Acres	395,023	403,001	Soybeans, Bu.	174,600	42.0	7,333,200	9
Average Farm Size, Acres	417	433	All Wheat, Bu.	4,200	53.0	222,600	25
Total Cropland, Acres	360,644	365,967	Oats, Bu.	1,800	76.0	136,800	39
Average Age of Farmers	47	50	All Hay, Tons	14,400	3.6	52,100	51
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	55,440	30	Hogs and Pigs (December 1, 1999)			163,000	12
Livestock	83,605	19	Cattle (January 1, 2000)			47,000	13
Government Payments	7,239	23	Beef Cows (January 1, 2000)			5,500	26
Total	146,284	21	Milk Cows (January 1, 2000)			2,700	44

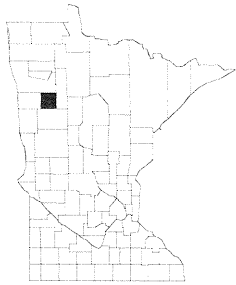
MCLEOD1998 Population:
34,881

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,114	1,008	Corn, Bu.	96,300	165.0	15,889,500	31
Total Land in Farms, Acres	250,507	250,244	Soybeans, Bu.	95,400	47.0	4,483,800	31
Average Farm Size, Acres	255	248	All Wheat, Bu.	3,600	48.6	174,800	29
Total Cropland, Acres	225,505	222,561	Oats, Bu.	3,000	80.0	240,000	22
Average Age of Farmers	50	52	All Hay, Tons	18,800	4.1	77,500	32
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	40,624	42	Hogs and Pigs (December 1, 1999)			25,000	40
Livestock	44,701	42	Cattle (January 1, 2000)			35,000	22
Government Payments	3,960	53	Beef Cows (January 1, 2000)			2,200	60
Total	89,285	49	Milk Cows (January 1, 2000)			9,900	16

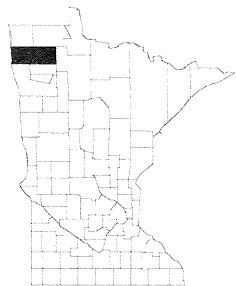
*None or no estimates available

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

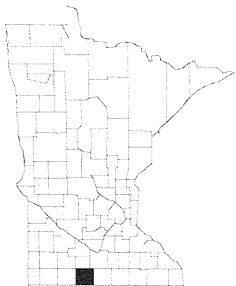
2/ Cash receipts are reported in 1,000 dollars.

MAHNOMEN1998 Population:
5,190

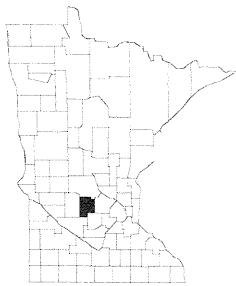
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	368	341	Corn, Bu.	5,700	102.0	581,400	69
Total Land in Farms, Acres	186,573	189,927	Soybeans, Bu.	39,100	27.0	1,055,700	56
Average Farm Size, Acres	507	557	All Wheat, Bu.	48,900	30.8	1,508,100	14
Total Cropland, Acres	152,401	152,524	Oats, Bu.	2,200	36.0	79,200	58
Average Age of Farmers	51	51	All Hay, Tons	23,400	2.5	58,300	42
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	15,208	65	Hogs and Pigs (December 1, 1999)		3,000	65	
Livestock	8,758	76	Cattle (January 1, 2000)		13,000	64	
Government Payments	2,279	61	Beef Cows (January 1, 2000)		3,000	47	
Total	26,245	72	Milk Cows (January 1, 2000)		2,100	56	

MARSHALL1998 Population:
10,465

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,012	1,144	Corn, Bu.	4,300	72.0	309,600	73
Total Land in Farms, Acres	744,710	774,342	Soybeans, Bu.	55,200	22.0	1,214,400	53
Average Farm Size, Acres	736	677	All Wheat, Bu.	183,100	31.9	5,841,500	6
Total Cropland, Acres	671,123	690,774	Oats, Bu.	3,400	33.0	112,200	49
Average Age of Farmers	49	52	All Hay, Tons	38,200	2.2	83,300	28
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	99,948	4	Hogs and Pigs (December 1, 1999)		800	74	
Livestock	9,778	73	Cattle (January 1, 2000)		18,000	53	
Government Payments	16,748	2	Beef Cows (January 1, 2000)		6,000	22	
Total	126,474	27	Milk Cows (January 1, 2000)		1,900	59	

MARTIN1998 Population:
22,782

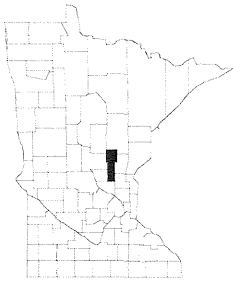
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,123	987	Corn, Bu.	213,000	154.0	32,802,000	3
Total Land in Farms, Acres	412,660	420,634	Soybeans, Bu.	193,200	41.0	7,921,200	5
Average Farm Size, Acres	367	426	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	391,948	398,209	Oats, Bu.	1,800	64.0	115,200	47
Average Age of Farmers	48	50	All Hay, Tons	6,600	3.2	21,400	78
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	96,434	6	Hogs and Pigs (December 1, 1999)		523,000	1	
Livestock	149,234	3	Cattle (January 1, 2000)		22,000	47	
Government Payments	9,299	10	Beef Cows (January 1, 2000)		2,000	64	
Total	254,967	3	Milk Cows (January 1, 2000)		1,500	67	

MEEKER1998 Population:
21,911

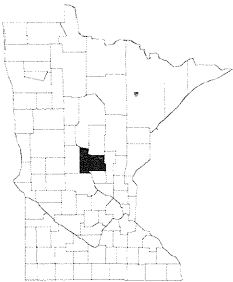
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,076	1,016	Corn, Bu.	104,100	147.0	15,302,700	32
Total Land in Farms, Acres	301,111	293,213	Soybeans, Bu.	115,800	42.0	4,863,600	27
Average Farm Size, Acres	280	289	All Wheat, Bu.	4,800	44.4	213,200	26
Total Cropland, Acres	257,625	248,780	Oats, Bu.	3,300	65.0	214,500	26
Average Age of Farmers	50	51	All Hay, Tons	17,800	3.6	63,800	37
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	44,916	39	Hogs and Pigs (December 1, 1999)		39,000	32	
Livestock	68,766	25	Cattle (January 1, 2000)		30,000	30	
Government Payments	5,653	33	Beef Cows (January 1, 2000)		2,900	50	
Total	119,335	29	Milk Cows (January 1, 2000)		8,700	19	

*=None or no estimates available

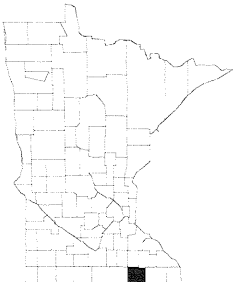
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

MILLE LACS1998 Population:
21,026

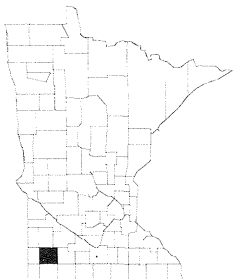
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	739	711	Corn, Bu.	20,300	115.0	2,334,500	60
Total Land in Farms, Acres	142,432	134,622	Soybeans, Bu.	9,600	36.0	345,600	68
Average Farm Size, Acres	193	189	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	88,683	83,660	Oats, Bu.	1,900	43.0	81,700	56
Average Age of Farmers	51	52	All Hay, Tons	33,700	2.7	92,600	25
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	4,485	77	Hogs and Pigs (December 1, 1999)		3,200		64
Livestock	28,289	53	Cattle (January 1, 2000)		25,000		41
Government Payments	972	69	Beef Cows (January 1, 2000)		3,600		41
Total	33,746	66	Milk Cows (January 1, 2000)		6,000		26

MORRISON1998 Population:
31,496

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,807	1,808	Corn, Bu.	74,100	127.0	9,410,700	46
Total Land in Farms, Acres	422,916	430,467	Soybeans, Bu.	11,600	39.0	452,400	65
Average Farm Size, Acres	234	238	All Wheat, Bu.	1,000	39.1	39,100	44
Total Cropland, Acres	248,814	249,951	Oats, Bu.	9,400	63.0	592,200	5
Average Age of Farmers	49	50	All Hay, Tons	82,700	3.1	257,600	3
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	16,088	61	Hogs and Pigs (December 1, 1999)		21,500		44
Livestock	124,423	5	Cattle (January 1, 2000)		85,000		4
Government Payments	3,390	59	Beef Cows (January 1, 2000)		13,500		3
Total	143,901	22	Milk Cows (January 1, 2000)		27,800		3

MOWER1998 Population:
37,582

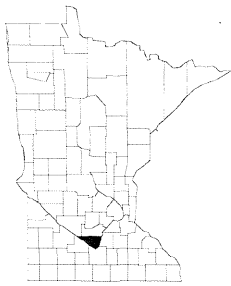
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,214	1,123	Corn, Bu.	170,000	151.0	25,670,000	10
Total Land in Farms, Acres	392,615	404,238	Soybeans, Bu.	176,400	40.0	7,056,000	13
Average Farm Size, Acres	323	360	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	365,551	375,487	Oats, Bu.	2,700	69.0	186,300	29
Average Age of Farmers	49	51	All Hay, Tons	12,800	3.8	49,100	53
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	89,670	9	Hogs and Pigs (December 1, 1999)		152,500		14
Livestock	62,176	29	Cattle (January 1, 2000)		27,000		38
Government Payments	8,473	14	Beef Cows (January 1, 2000)		2,500		56
Total	160,319	17	Milk Cows (January 1, 2000)		5,100		31

MURRAY1998 Population:
9,573

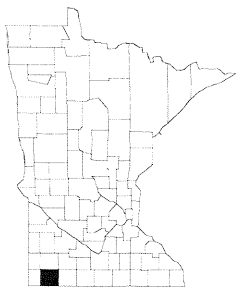
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	903	836	Corn, Bu.	169,800	149.0	25,300,200	12
Total Land in Farms, Acres	375,628	383,725	Soybeans, Bu.	178,200	42.0	7,484,400	7
Average Farm Size, Acres	416	459	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	345,353	355,254	Oats, Bu.	3,300	88.0	290,400	14
Average Age of Farmers	48	50	All Hay, Tons	16,000	4.1	65,400	36
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	59,909	26	Hogs and Pigs (December 1, 1999)		102,000		21
Livestock	64,105	27	Cattle (January 1, 2000)		44,000		14
Government Payments	7,100	24	Beef Cows (January 1, 2000)		4,500		33
Total	131,114	25	Milk Cows (January 1, 2000)		4,400		34

*=None or no estimates available

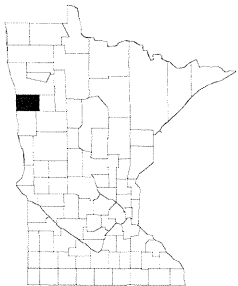
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

NICOLLET1998 Population:
30,119

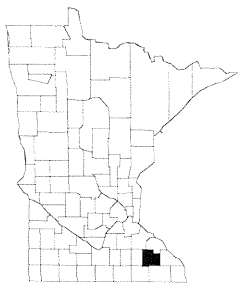
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	786	723	Corn, Bu.	109,500	164.0	17,958,000	26
Total Land in Farms, Acres	241,930	249,259	Soybeans, Bu.	104,800	48.0	5,030,400	25
Average Farm Size, Acres	308	345	All Wheat, Bu.	1,500	41.4	62,100	40
Total Cropland, Acres	225,213	233,200	Oats, Bu.	2,100	77.0	161,700	36
Average Age of Farmers	47	49	All Hay, Tons	8,100	4.1	33,400	72
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	51,498	34	Hogs and Pigs (December 1, 1999)		245,000	3	
Livestock	96,038	12	Cattle (January 1, 2000)		19,500	50	
Government Payments	4,575	45	Beef Cows (January 1, 2000)		1,000	81	
Total	152,111	19	Milk Cows (January 1, 2000)		5,700	28	

NOBLES1998 Population:
20,276

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,199	1,021	Corn, Bu.	191,200	143.0	27,341,600	6
Total Land in Farms, Acres	416,570	390,286	Soybeans, Bu.	190,400	42.0	7,996,800	3
Average Farm Size, Acres	347	382	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	389,726	365,961	Oats, Bu.	2,300	87.0	200,100	28
Average Age of Farmers	48	50	All Hay, Tons	14,200	3.8	53,500	47
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	64,811	19	Hogs and Pigs (December 1, 1999)		215,000	6	
Livestock	91,047	14	Cattle (January 1, 2000)		49,000	11	
Government Payments	7,404	20	Beef Cows (January 1, 2000)		5,000	28	
Total	163,262	15	Milk Cows (January 1, 2000)		3,900	35	

NORMAN1998 Population:
7,636

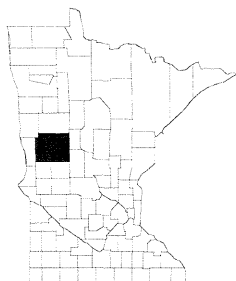
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	581	670	Corn, Bu.	18,600	114.0	2,120,400	62
Total Land in Farms, Acres	457,670	483,041	Soybeans, Bu.	125,000	29.0	3,625,000	42
Average Farm Size, Acres	788	721	All Wheat, Bu.	187,100	39.8	7,455,900	4
Total Cropland, Acres	420,362	435,252	Oats, Bu.	2,600	48.0	124,800	42
Average Age of Farmers	48	50	All Hay, Tons	18,800	2.4	44,500	58
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	74,066	16	Hogs and Pigs (December 1, 1999)		6,800	60	
Livestock	7,821	77	Cattle (January 1, 2000)		11,000	69	
Government Payments	9,369	9	Beef Cows (January 1, 2000)		3,000	47	
Total	91,256	47	Milk Cows (January 1, 2000)		2,100	56	

OLMSTED1998 Population:
119,038

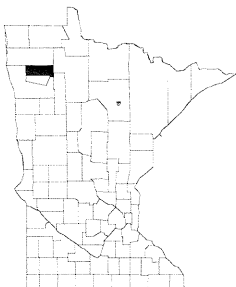
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,270	1,317	Corn, Bu.	103,200	155.0	15,996,000	30
Total Land in Farms, Acres	305,831	303,665	Soybeans, Bu.	69,700	45.0	3,136,500	44
Average Farm Size, Acres	241	231	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	252,614	244,678	Oats, Bu.	6,200	62.0	384,400	10
Average Age of Farmers	50	54	All Hay, Tons	37,500	3.6	135,400	11
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	47,212	38	Hogs and Pigs (December 1, 1999)		38,000	33	
Livestock	78,398	22	Cattle (January 1, 2000)		53,500	10	
Government Payments	6,714	26	Beef Cows (January 1, 2000)		10,000	9	
Total	132,324	24	Milk Cows (January 1, 2000)		11,300	12	

* = None or no estimates available

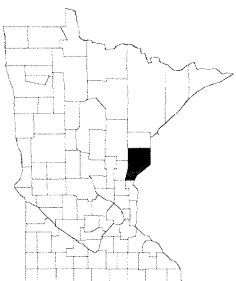
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

OTTER TAIL1998 Population:
54,404

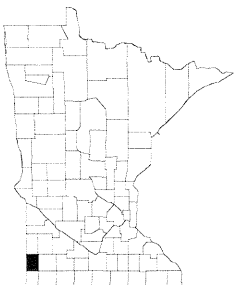
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	2,509	2,647	Corn, Bu.	116,800	138.0	16,118,400	28
Total Land in Farms, Acres	821,073	840,353	Soybeans, Bu.	101,000	40.0	4,040,000	35
Average Farm Size, Acres	327	317	All Wheat, Bu.	78,900	40.9	3,229,200	9
Total Cropland, Acres	582,018	595,303	Oats, Bu.	30,500	51.0	1,555,500	2
Average Age of Farmers	50	53	All Hay, Tons	123,900	3.1	385,500	2
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	57,044	27	Hogs and Pigs (December 1, 1999)		31,000	36	
Livestock	138,259	4	Cattle (January 1, 2000)		108,000	2	
Government Payments	9,768	5	Beef Cows (January 1, 2000)		15,500	2	
Total	205,071	6	Milk Cows (January 1, 2000)		30,100	2	

PENNINGTON1998 Population:
13,617

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	480	528	Corn, Bu.	1,600	95.0	152,000	75
Total Land in Farms, Acres	280,089	312,752	Soybeans, Bu.	17,500	25.0	437,500	66
Average Farm Size, Acres	584	592	All Wheat, Bu.	35,800	30.1	1,077,800	16
Total Cropland, Acres	243,524	263,999	Oats, Bu.	4,600	36.0	165,600	35
Average Age of Farmers	51	54	All Hay, Tons	29,100	1.9	56,100	44
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	15,675	62	Hogs and Pigs (December 1, 1999)		1,100	73	
Livestock	7,486	79	Cattle (January 1, 2000)		9,000	74	
Government Payments	5,720	31	Beef Cows (January 1, 2000)		3,500	42	
Total	28,881	68	Milk Cows (January 1, 2000)		1,100	73	

PINE1998 Population:
23,937

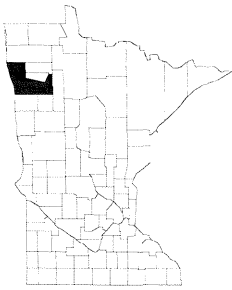
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	979	950	Corn, Bu.	13,400	108.0	1,447,200	65
Total Land in Farms, Acres	263,274	246,804	Soybeans, Bu.	7,000	35.0	245,000	69
Average Farm Size, Acres	269	260	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	140,539	129,411	Oats, Bu.	3,400	53.0	180,200	31
Average Age of Farmers	51	53	All Hay, Tons	58,700	2.0	115,300	17
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	7,995	72	Hogs and Pigs (December 1, 1999)		1,800	69	
Livestock	38,907	45	Cattle (January 1, 2000)		35,000	22	
Government Payments	778	72	Beef Cows (January 1, 2000)		7,500	17	
Total	47,680	64	Milk Cows (January 1, 2000)		8,300	20	

PIPESTONE1998 Population:
10,437

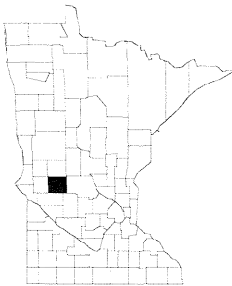
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	778	690	Corn, Bu.	88,300	135.0	11,920,500	39
Total Land in Farms, Acres	252,658	243,525	Soybeans, Bu.	107,700	41.0	4,415,700	33
Average Farm Size, Acres	325	353	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	223,165	213,407	Oats, Bu.	2,800	80.0	224,000	24
Average Age of Farmers	48	48	All Hay, Tons	20,800	3.6	74,400	34
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number	Rank	
Crops	30,077	50	Hogs and Pigs (December 1, 1999)		161,500	13	
Livestock	56,850	33	Cattle (January 1, 2000)		39,000	16	
Government Payments	4,495	46	Beef Cows (January 1, 2000)		9,000	13	
Total	91,422	46	Milk Cows (January 1, 2000)		5,600	29	

*=None or no estimates available

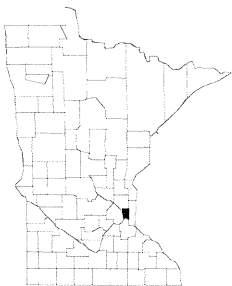
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

POLK1998 Population:
31,765

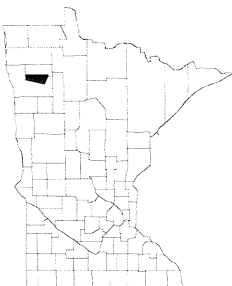
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,334	1,366	Corn, Bu.	30,500	110.0	3,355,000	57
Total Land in Farms, Acres	1,042,850	1,051,813	Soybeans, Bu.	182,300	29.0	5,286,700	23
Average Farm Size, Acres	782	770	All Wheat, Bu.	338,100	39.7	13,416,900	1
Total Cropland, Acres	943,384	936,719	Oats, Bu.	5,800	56.0	324,800	12
Average Age of Farmers	49	50	All Hay, Tons	55,200	2.4	129,800	13
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	196,317	1	Hogs and Pigs (December 1, 1999)		8,400		56
Livestock	20,133	58	Cattle (January 1, 2000)		28,500		34
Government Payments	17,570	1	Beef Cows (January 1, 2000)		8,500		14
Total	234,020	4	Milk Cows (January 1, 2000)		3,500		37

POPE1998 Population:
10,979

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	816	825	Corn, Bu.	84,000	151.0	12,684,000	36
Total Land in Farms, Acres	310,135	324,730	Soybeans, Bu.	86,800	42.0	3,645,600	41
Average Farm Size, Acres	380	394	All Wheat, Bu.	16,200	41.7	676,200	19
Total Cropland, Acres	250,058	268,108	Oats, Bu.	4,600	57.0	262,200	19
Average Age of Farmers	51	52	All Hay, Tons	26,900	3.4	91,400	26
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	34,095	48	Hogs and Pigs (December 1, 1999)		23,500		42
Livestock	37,900	47	Cattle (January 1, 2000)		32,500		27
Government Payments	5,078	41	Beef Cows (January 1, 2000)		6,000		22
Total	77,073	53	Milk Cows (January 1, 2000)		7,400		23

RAMSEY1998 Population:
498,090

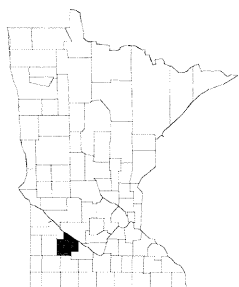
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	44	59	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	2,142	*	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	49	*	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	1,489	2,515	Oats, Bu.	*	*	*	*
Average Age of Farmers	56	58	All Hay, Tons	*	*	*	*
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	5,041	74	Hogs and Pigs (December 1, 1999)		*		*
Livestock	304	85	Cattle (January 1, 2000)		200		85
Government Payments	0	86	Beef Cows (January 1, 2000)		100		85
Total	5,345	84	Milk Cows (January 1, 2000)		100		84

RED LAKE1998 Population:
4,404

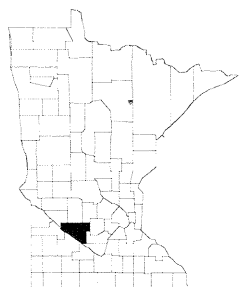
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	352	376	Corn, Bu.	3,500	99.0	346,500	72
Total Land in Farms, Acres	183,208	204,977	Soybeans, Bu.	46,200	25.0	1,155,000	55
Average Farm Size, Acres	520	545	All Wheat, Bu.	49,800	33.8	1,685,000	13
Total Cropland, Acres	154,569	171,638	Oats, Bu.	4,400	59.0	259,600	21
Average Age of Farmers	50	53	All Hay, Tons	22,100	2.4	53,700	46
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	13,144	70	Hogs and Pigs (December 1, 1999)		600		77
Livestock	10,461	68	Cattle (January 1, 2000)		13,000		64
Government Payments	4,118	50	Beef Cows (January 1, 2000)		4,500		33
Total	27,723	71	Milk Cows (January 1, 2000)		1,400		69

* = None or no estimates available

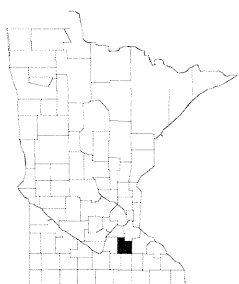
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

REDWOOD1998 Population:
17,262

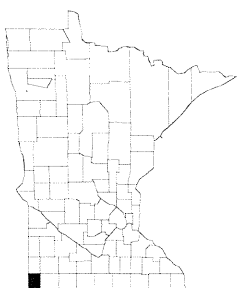
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,259	1,168	Corn, Bu.	228,900	163.0	37,310,700	2
Total Land in Farms, Acres	491,726	508,129	Soybeans, Bu.	227,800	45.0	10,251,000	2
Average Farm Size, Acres	391	435	All Wheat, Bu.	2,900	53.0	153,700	31
Total Cropland, Acres	460,227	472,615	Oats, Bu.	1,200	82.0	98,400	51
Average Age of Farmers	46	49	All Hay, Tons	10,500	3.6	38,300	65
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	94,422	7	Hogs and Pigs (December 1, 1999)			198,000	7
Livestock	96,950	10	Cattle (January 1, 2000)			34,000	24
Government Payments	9,003	12	Beef Cows (January 1, 2000)			6,000	22
Total	200,375	7	Milk Cows (January 1, 2000)			2,400	48

RENVILLE1998 Population:
17,481

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,302	1,114	Corn, Bu.	236,800	172.0	40,729,600	1
Total Land in Farms, Acres	600,114	601,103	Soybeans, Bu.	244,200	46.0	11,233,200	1
Average Farm Size, Acres	461	540	All Wheat, Bu.	4,600	42.8	196,700	28
Total Cropland, Acres	566,274	567,231	Oats, Bu.	*	*	*	*
Average Age of Farmers	47	49	All Hay, Tons	9,500	4.4	42,100	60
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	175,209	2	Hogs and Pigs (December 1, 1999)			245,000	3
Livestock	87,623	17	Cattle (January 1, 2000)			29,000	32
Government Payments	9,371	8	Beef Cows (January 1, 2000)			1,300	76
Total	272,203	2	Milk Cows (January 1, 2000)			2,800	43

RICE1998 Population:
54,101

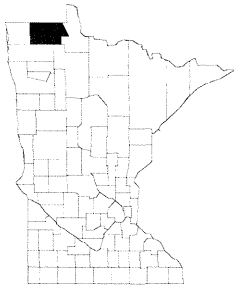
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,099	1,191	Corn, Bu.	81,100	154.0	12,489,400	38
Total Land in Farms, Acres	227,519	251,031	Soybeans, Bu.	65,800	47.0	3,092,600	45
Average Farm Size, Acres	207	211	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	194,920	208,613	Oats, Bu.	2,800	64.0	179,200	32
Average Age of Farmers	50	51	All Hay, Tons	19,100	4.1	77,600	31
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	34,839	47	Hogs and Pigs (December 1, 1999)			195,000	8
Livestock	86,673	18	Cattle (January 1, 2000)			30,000	30
Government Payments	5,579	35	Beef Cows (January 1, 2000)			2,300	58
Total	127,091	26	Milk Cows (January 1, 2000)			10,400	15

ROCK1998 Population:
9,855

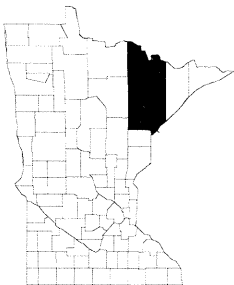
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	791	704	Corn, Bu.	119,800	153.0	18,329,400	25
Total Land in Farms, Acres	270,332	280,715	Soybeans, Bu.	123,000	48.0	5,904,000	19
Average Farm Size, Acres	342	399	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	248,647	260,316	Oats, Bu.	2,100	86.0	180,600	30
Average Age of Farmers	47	48	All Hay, Tons	14,400	3.3	47,300	56
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	41,020	41	Hogs and Pigs (December 1, 1999)			134,000	16
Livestock	75,721	23	Cattle (January 1, 2000)			44,000	14
Government Payments	5,188	39	Beef Cows (January 1, 2000)			6,700	18
Total	121,929	28	Milk Cows (January 1, 2000)			3,100	41

* = None or no estimates available

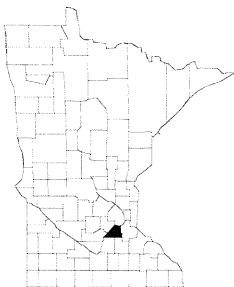
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

ROSEAU1998 Population:
16,286

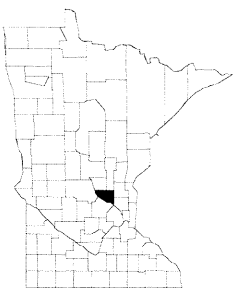
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	891	1,051	Corn, Bu.	1,100	62.0	68,200	77
Total Land in Farms, Acres	536,299	577,455	Soybeans, Bu.	2,000	24.0	48,000	74
Average Farm Size, Acres	602	549	All Wheat, Bu.	57,000	34.8	1,983,600	11
Total Cropland, Acres	439,145	466,711	Oats, Bu.	3,400	46.0	156,400	38
Average Age of Farmers	51	53	All Hay, Tons	73,000	1.5	110,500	19
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	34,919	46	Hogs and Pigs (December 1, 1999)			2,000	68
Livestock	23,813	54	Cattle (January 1, 2000)			28,000	36
Government Payments	9,397	7	Beef Cows (January 1, 2000)			10,000	9
Total	68,129	56	Milk Cows (January 1, 2000)			3,400	38

ST. LOUIS1998 Population:
199,454

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	677	713	Corn, Bu.	*	*	*	*
Total Land in Farms, Acres	153,188	155,452	Soybeans, Bu.	*	*	*	*
Average Farm Size, Acres	226	218	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	80,397	86,902	Oats, Bu.	1,600	42.0	67,200	61
Average Age of Farmers	52	53	All Hay, Tons	60,900	1.5	89,500	27
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	4,336	79	Hogs and Pigs (December 1, 1999)			700	75
Livestock	10,199	69	Cattle (January 1, 2000)			10,700	70
Government Payments	91	82	Beef Cows (January 1, 2000)			3,800	40
Total	14,626	80	Milk Cows (January 1, 2000)			1,300	72

SCOTT1998 Population:
77,924

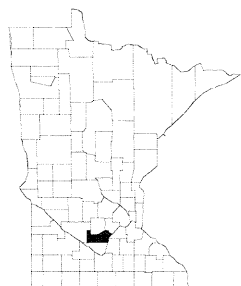
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	838	805	Corn, Bu.	36,600	154.0	5,636,400	50
Total Land in Farms, Acres	131,753	117,830	Soybeans, Bu.	34,300	42.0	1,440,600	52
Average Farm Size, Acres	157	146	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	110,116	99,795	Oats, Bu.	2,000	65.0	130,000	41
Average Age of Farmers	50	49	All Hay, Tons	18,900	4.3	81,000	30
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	19,327	58	Hogs and Pigs (December 1, 1999)			17,000	47
Livestock	32,574	49	Cattle (January 1, 2000)			23,000	45
Government Payments	1,758	63	Beef Cows (January 1, 2000)			1,600	72
Total	53,659	61	Milk Cows (January 1, 2000)			6,800	24

SHERBURNE1998 Population:
59,945

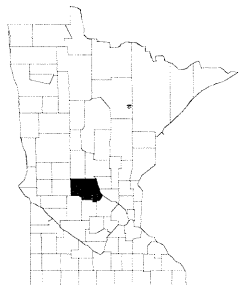
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	530	512	Corn, Bu.	29,600	126.0	3,729,600	56
Total Land in Farms, Acres	117,701	105,042	Soybeans, Bu.	11,400	36.0	410,400	67
Average Farm Size, Acres	222	205	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	86,678	77,099	Oats, Bu.	*	*	*	*
Average Age of Farmers	52	52	All Hay, Tons	9,400	2.7	25,800	75
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	29,251	51	Hogs and Pigs (December 1, 1999)			9,800	54
Livestock	20,528	56	Cattle (January 1, 2000)			10,500	71
Government Payments	1,215	67	Beef Cows (January 1, 2000)			1,600	72
Total	50,994	62	Milk Cows (January 1, 2000)			1,700	61

* = None or no estimates available

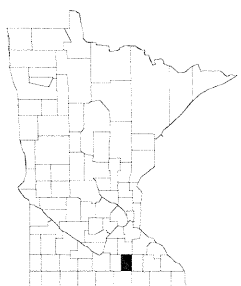
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

SIBLEY1998 Population:
14,943

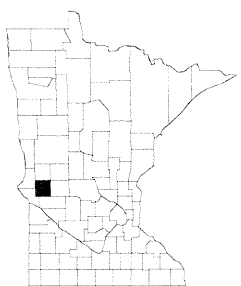
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,059	958	Corn, Bu.	120,300	170.0	20,451,000	21
Total Land in Farms, Acres	311,849	309,860	Soybeans, Bu.	130,700	47.0	6,142,900	17
Average Farm Size, Acres	294	323	All Wheat, Bu.	2,300	47.7	109,700	35
Total Cropland, Acres	283,528	282,890	Oats, Bu.	1,900	71.0	134,900	40
Average Age of Farmers	48	49	All Hay, Tons	15,000	4.2	62,600	39
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	60,786	24	Hogs and Pigs (December 1, 1999)		97,000		22
Livestock	90,065	15	Cattle (January 1, 2000)		30,500		29
Government Payments	5,346	37	Beef Cows (January 1, 2000)		1,900		66
Total	156,197	18	Milk Cows (January 1, 2000)		9,100		18

STEARNS1998 Population:
131,981

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	2,972	2,982	Corn, Bu.	152,300	135.0	20,560,500	20
Total Land in Farms, Acres	643,762	646,025	Soybeans, Bu.	88,300	41.0	3,620,300	43
Average Farm Size, Acres	217	217	All Wheat, Bu.	3,900	42.7	166,400	30
Total Cropland, Acres	505,818	492,359	Oats, Bu.	28,500	70.0	1,995,000	1
Average Age of Farmers	48	50	All Hay, Tons	127,000	3.8	484,100	1
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	39,168	44	Hogs and Pigs (December 1, 1999)		93,000		23
Livestock	271,320	1	Cattle (January 1, 2000)		183,500		1
Government Payments	9,886	3	Beef Cows (January 1, 2000)		10,000		9
Total	320,374	1	Milk Cows (January 1, 2000)		62,400		1

STEELE1998 Population:
32,561

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	819	774	Corn, Bu.	103,400	143.0	14,786,200	33
Total Land in Farms, Acres	231,610	226,926	Soybeans, Bu.	91,900	42.0	3,859,800	39
Average Farm Size, Acres	283	293	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	215,571	210,373	Oats, Bu.	2,000	60.0	120,000	44
Average Age of Farmers	49	50	All Hay, Tons	13,100	3.5	45,900	57
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	51,283	35	Hogs and Pigs (December 1, 1999)		66,000		29
Livestock	46,886	40	Cattle (January 1, 2000)		18,500		52
Government Payments	5,580	34	Beef Cows (January 1, 2000)		1,200		79
Total	103,749	40	Milk Cows (January 1, 2000)		5,500		30

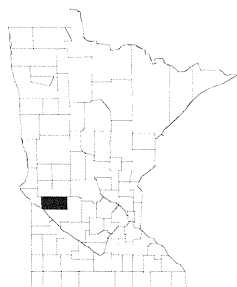
STEVENS1998 Population:
10,609

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	538	497	Corn, Bu.	124,200	153.0	19,002,600	24
Total Land in Farms, Acres	286,337	299,346	Soybeans, Bu.	138,000	40.0	5,520,000	20
Average Farm Size, Acres	532	602	All Wheat, Bu.	35,100	40.0	1,403,500	15
Total Cropland, Acres	269,418	283,641	Oats, Bu.	*	*	*	*
Average Age of Farmers	48	51	All Hay, Tons	10,000	4.0	39,600	63
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock		Number		Rank
Crops	53,685	32	Hogs and Pigs (December 1, 1999)		90,000		24
Livestock	52,418	36	Cattle (January 1, 2000)		26,000		40
Government Payments	5,884	29	Beef Cows (January 1, 2000)		2,700		54
Total	111,987	35	Milk Cows (January 1, 2000)		2,300		52

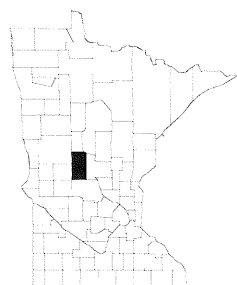
*=None or no estimates available

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

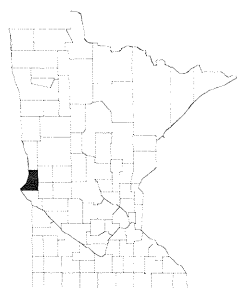
2/ Cash receipts are reported in 1,000 dollars.

SWIFT1998 Population:
11,335

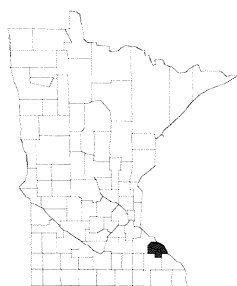
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	760	739	Corn, Bu.	151,900	154.0	23,392,600	15
Total Land in Farms, Acres	389,897	388,215	Soybeans, Bu.	159,300	40.0	6,372,000	14
Average Farm Size, Acres	513	525	All Wheat, Bu.	9,800	38.9	381,300	22
Total Cropland, Acres	359,461	352,100	Oats, Bu.	1,600	71.0	113,600	48
Average Age of Farmers	49	51	All Hay, Tons	14,200	3.0	43,000	59
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	76,109	14	Hogs and Pigs (December 1, 1999)			19,500	45
Livestock	32,574	49	Cattle (January 1, 2000)			20,000	49
Government Payments	6,865	25	Beef Cows (January 1, 2000)			3,400	46
Total	115,548	30	Milk Cows (January 1, 2000)			2,400	48

TODD1998 Population:
23,994

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,768	1,741	Corn, Bu.	47,700	110.0	5,247,000	51
Total Land in Farms, Acres	395,071	387,462	Soybeans, Bu.	21,700	38.0	824,600	60
Average Farm Size, Acres	223	223	All Wheat, Bu.	6,200	36.1	223,800	24
Total Cropland, Acres	257,167	247,689	Oats, Bu.	14,000	54.0	756,000	3
Average Age of Farmers	50	52	All Hay, Tons	83,300	2.7	222,200	6
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	15,143	66	Hogs and Pigs (December 1, 1999)			14,500	52
Livestock	96,548	11	Cattle (January 1, 2000)			71,500	7
Government Payments	3,715	55	Beef Cows (January 1, 2000)			11,000	6
Total	115,406	31	Milk Cows (January 1, 2000)			21,600	6

TRAVERSE1998 Population:
4,250

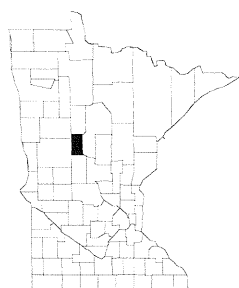
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	385	385	Corn, Bu.	82,600	153.0	12,637,800	37
Total Land in Farms, Acres	310,184	315,068	Soybeans, Bu.	138,800	39.0	5,413,200	21
Average Farm Size, Acres	806	818	All Wheat, Bu.	74,800	44.0	3,289,100	8
Total Cropland, Acres	298,692	300,203	Oats, Bu.	*	*	*	*
Average Age of Farmers	48	50	All Hay, Tons	9,500	3.6	33,800	71
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	63,610	22	Hogs and Pigs (December 1, 1999)			17,000	47
Livestock	9,932	71	Cattle (January 1, 2000)			8,000	77
Government Payments	4,414	47	Beef Cows (January 1, 2000)			1,700	69
Total	77,956	52	Milk Cows (January 1, 2000)			100	84

WABASHA1998 Population:
20,901

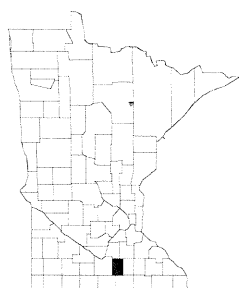
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	928	963	Corn, Bu.	72,400	163.0	11,801,200	40
Total Land in Farms, Acres	245,686	253,401	Soybeans, Bu.	34,800	48.0	1,670,400	50
Average Farm Size, Acres	265	263	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	181,203	183,722	Oats, Bu.	8,100	67.0	542,700	7
Average Age of Farmers	49	50	All Hay, Tons	53,200	4.4	236,200	5
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	24,394	54	Hogs and Pigs (December 1, 1999)			22,000	43
Livestock	64,974	26	Cattle (January 1, 2000)			70,000	8
Government Payments	4,277	48	Beef Cows (January 1, 2000)			9,500	12
Total	93,645	43	Milk Cows (January 1, 2000)			20,500	7

* = None or no estimates available

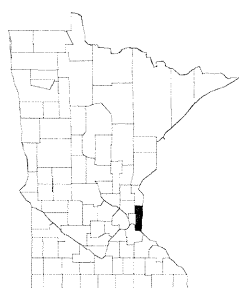
^{1/} Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.virginia.edu/reis/county.html>).^{2/} Cash receipts are reported in 1,000 dollars.

WADENA1998 Population:
13,456

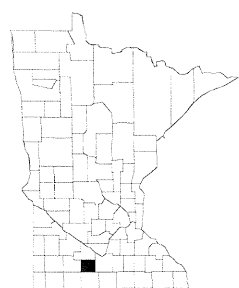
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	602	625	Corn, Bu.	14,800	111.0	1,642,800	64
Total Land in Farms, Acres	171,412	174,833	Soybeans, Bu.	1,900	35.0	66,500	72
Average Farm Size, Acres	285	280	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	94,256	99,564	Oats, Bu.	6,200	45.0	279,000	15
Average Age of Farmers	51	53	All Hay, Tons	40,600	2.5	102,900	21
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	9,820	71	Hogs and Pigs (December 1, 1999)			700	75
Livestock	37,029	48	Cattle (January 1, 2000)			25,000	41
Government Payments	1,251	65	Beef Cows (January 1, 2000)			4,800	31
Total	48,100	63	Milk Cows (January 1, 2000)			5,800	27

WASECA1998 Population:
18,744

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	759	709	Corn, Bu.	115,400	154.0	17,771,600	27
Total Land in Farms, Acres	237,239	235,351	Soybeans, Bu.	102,000	44.0	4,488,000	30
Average Farm Size, Acres	313	332	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	219,426	213,468	Oats, Bu.	900	57.0	51,300	66
Average Age of Farmers	49	50	All Hay, Tons	8.800	4.0	35,300	69
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	56,521	28	Hogs and Pigs (December 1, 1999)			137,000	15
Livestock	45,217	41	Cattle (January 1, 2000)			13,500	61
Government Payments	5,685	32	Beef Cows (January 1, 2000)			1,200	79
Total	107,423	37	Milk Cows (January 1, 2000)			3,600	36

WASHINGTON1998 Population:
192,979

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	647	653	Corn, Bu.	22,000	135.0	2,970,000	58
Total Land in Farms, Acres	100,774	89,935	Soybeans, Bu.	16,100	42.0	676,200	63
Average Farm Size, Acres	156	138	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	80,252	68,516	Oats, Bu.	1,800	46.0	82,800	55
Average Age of Farmers	53	55	All Hay, Tons	16,200	2.6	41,400	61
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	43,316	40	Hogs and Pigs (December 1, 1999)			1,400	72
Livestock	9,672	74	Cattle (January 1, 2000)			7,000	80
Government Payments	1,044	68	Beef Cows (January 1, 2000)			1,700	69
Total	54,032	60	Milk Cows (January 1, 2000)			1,400	69

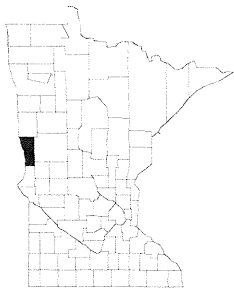
WATONWAN1998 Population:
11,690

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	663	576	Corn, Bu.	122,300	161.0	19,690,300	23
Total Land in Farms, Acres	249,731	255,994	Soybeans, Bu.	118,300	43.0	5,086,900	24
Average Farm Size, Acres	377	444	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	233,285	237,082	Oats, Bu.	*	*	*	*
Average Age of Farmers	49	50	All Hay, Tons	2,400	4.0	9,500	83
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	56,363	29	Hogs and Pigs (December 1, 1999)			132,000	17
Livestock	50,997	37	Cattle (January 1, 2000)			10,000	72
Government Payments	5,044	42	Beef Cows (January 1, 2000)			800	83
Total	112,404	34	Milk Cows (January 1, 2000)			1,000	75

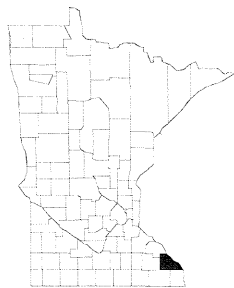
* = None or no estimates available

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

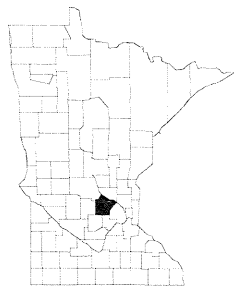
2/ Cash receipts are reported in 1,000 dollars.

WILKIN1998 Population:
7,316

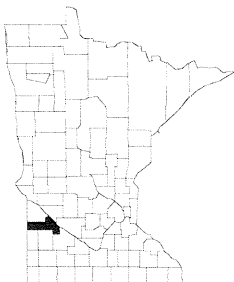
Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	456	441	Corn, Bu.	38,600	133.0	5,133,800	52
Total Land in Farms, Acres	420,778	457,806	Soybeans, Bu.	131,200	38.0	4,985,600	26
Average Farm Size, Acres	923	1,038	All Wheat, Bu.	172,300	46.0	7,921,900	2
Total Cropland, Acres	407,135	435,320	Oats, Bu.	900	65.0	58,500	63
Average Age of Farmers	48	50	All Hay, Tons	8,700	2.6	22,800	77
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	80,553	12	Hogs and Pigs (December 1, 1999)			13,000	53
Livestock	5,007	82	Cattle (January 1, 2000)			5,000	82
Government Payments	5,297	38	Beef Cows (January 1, 2000)			1,300	76
Total	90,857	48	Milk Cows (January 1, 2000)			1,000	75

WINONA1998 Population:
49,673

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,090	1,044	Corn, Bu.	70,900	165.0	11,698,500	41
Total Land in Farms, Acres	290,627	289,708	Soybeans, Bu.	19,800	48.0	950,400	58
Average Farm Size, Acres	267	277	All Wheat, Bu.	*	*	*	*
Total Cropland, Acres	198,375	190,542	Oats, Bu.	8,700	64.0	556,800	6
Average Age of Farmers	50	51	All Hay, Tons	65,000	3.7	243,500	4
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	22,461	55	Hogs and Pigs (December 1, 1999)			37,500	34
Livestock	88,791	16	Cattle (January 1, 2000)			92,000	3
Government Payments	4,030	51	Beef Cows (January 1, 2000)			8,000	15
Total	115,282	32	Milk Cows (January 1, 2000)			27,600	4

WRIGHT1998 Population:
84,926

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	1,584	1,422	Corn, Bu.	67,700	140.0	9,478,000	45
Total Land in Farms, Acres	272,540	251,832	Soybeans, Bu.	71,100	42.0	2,986,200	47
Average Farm Size, Acres	172	177	All Wheat, Bu.	3,000	40.7	122,100	34
Total Cropland, Acres	218,111	201,132	Oats, Bu.	3,900	58.0	226,200	23
Average Age of Farmers	51	52	All Hay, Tons	33,500	3.8	127,600	14
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	33,535	49	Hogs and Pigs (December 1, 1999)			15,000	51
Livestock	58,440	30	Cattle (January 1, 2000)			48,000	12
Government Payments	3,487	58	Beef Cows (January 1, 2000)			3,500	42
Total	95,462	42	Milk Cows (January 1, 2000)			14,100	10

YELLOW MEDICINE1998 Population:
11,573

Census of Agriculture	1992	1997	Crops - 1999	Acres Harvested	Yield	Production	Rank
Number of Farms	923	876	Corn, Bu.	175,200	148.0	25,929,600	9
Total Land in Farms, Acres	407,953	415,269	Soybeans, Bu.	190,000	42.0	7,980,000	4
Average Farm Size, Acres	442	474	All Wheat, Bu.	11,800	46.9	553,400	20
Total Cropland, Acres	378,676	380,068	Oats, Bu.	1,000	81.0	81,000	57
Average Age of Farmers	47	50	All Hay, Tons	11,400	3.6	40,500	62
Cash Receipts - 1997 ^{1/}	Dollars ^{2/}	Rank	Livestock			Number	Rank
Crops	75,261	15	Hogs and Pigs (December 1, 1999)			117,000	20
Livestock	54,167	35	Cattle (January 1, 2000)			23,000	45
Government Payments	8,036	16	Beef Cows (January 1, 2000)			4,500	33
Total	137,464	23	Milk Cows (January 1, 2000)			2,400	51

* = None or no estimates available

1/ Note: 1998 numbers were not available at time of publication. Source: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C., Internet Web Site (<http://fisher.lib.Virginia.EDU/reis/county.html>).

2/ Cash receipts are reported in 1,000 dollars.

2000 Minnesota Agricultural Statistics

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