

EXPORTS

Minnesota ranked fifth in farm exports for fiscal year 2005. The value of the state's exports came to \$2.87 billion versus \$2.62 billion in 2004. This accounts for 4.6 percent of the U.S. total.

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

AGRICULTURAL EXPORTS: Minnesota, FY 2005

Commodity	Value
	Million Dollars
Feed Grains & Products	668.9
Soybeans & Products	876.8
Wheat & Products	250.7
Live Animals & Meat 1/	302.5
Vegetables & Preparations	261.9
Feed & Fodders	92.2
Dairy Products	80.2
Hides & Skins	50.4
Poultry & Products	83.3
Sunflower Seed & Oil	6.5
Fats, Oils, Greases	14.7
Seeds	12.7
Other 2/	168.4
Total	2,869.1

AGRICULTURAL EXPORTS: Leading States, FY 2005

Rank	State	Value
		Million Dollars
First	CA	10,168.4
Second	IA	4,016.7
Third	TX	3,526.3
Fourth	IL	3,282.1
Fifth	MN	2,869.1
Sixth	NE	2,825.3
Seventh	KS	2,773.3
Eighth	WA	2,035.5
Ninth	ND	1,967.6
Tenth	IN	1,846.5

1/ Excludes Poultry.

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

Note: Totals may not add due to rounding.

Source: Economic Research Service, (www.ers.usda.gov).

LAND VALUES: Average Per Acre Value of Farmland and Buildings, Minnesota and Selected States, January 1, 2002-2005 1/

State	2002	2003	2004	2005	Change 2004-2005
	Dollars Per Acre				Percent
MN	1,500	1,600	1,800	2,030	12.8
IA	1,920	2,010	2,200	2,490	13.2
ND	415	425	455	500	9.9
SD	430	460	500	570	14.0
WI	2,150	2,300	2,500	2,850	14.0
48 States 2/	1,210	1,270	1,360	1,510	11.0

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

2/ Excludes Alaska and Hawaii.

LAND VALUES

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

Statewide number of sales in 2005 totaled 1,889 for January 1 through September 30, 2005. The average acreage per sale in 2005 was 103 acres, compared with 112 acres in 2004. Average sale price per acre for that period in 2005 was \$2,552, an increase of \$485 per acre from the 2004 average.

Cropland rented for cash in the state averaged \$86.50 per acre, an increase of \$3.00 from a year ago.

FARMLAND SALES: Number, Acres, and Price, Minnesota, 2001-2005

Year	Number of Sales	Acres Sold	Price Per Acre		
			Average	Minimum	Maximum
	<u>Number</u>	<u>Acres</u>	-----Dollars-----		
2001	2,282	255,222	1,609	102	14,422
2002	2,321	256,276	1,745	104	13,500
2003	2,391	261,490	1,917	142	15,000
2004	2,807	313,730	2,096	126	14,257
2005 1/	1,889	194,770	2,552	199	13,958

1/ Current year includes transactions for Jan. 1, 2005 through Sept. 30, 2005.

FARMLAND SALES: Number, Acres, and Price, by District, Minnesota, 2005 1/

Reporting District	Number of Sales	Acres Sold	Price Per Acre		
			Average	Minimum	Maximum
	<u>Number</u>	<u>Acres</u>	-----Dollars-----		
Northwest	327	51,140	999	199	6,325
North Central	104	9,950	1,761	241	5,800
Northeast	20	1,477	1,293	572	2,780
West Central	292	29,996	1,927	500	10,500
Central	416	34,822	3,332	561	13,574
East Central	201	12,604	3,569	232	13,958
Southwest	188	22,564	2,242	577	4,634
South Central	200	17,612	3,412	385	12,000
Southeast	141	14,605	3,654	854	13,565
Minnesota	1,889	194,770	2,552	199	13,958

1/ Transactions include Jan. 1, 2005 through Sept. 30, 2005.

Source: Steven J. Taff, Associate Professor & Extension Economist, Department of Applied Economics, University of Minnesota.
Internet Web Site (www.cffm.umn.edu/landeconomics/landdata/).

CROPLAND RENTED FOR CASH: Average Cash Rent Per Acres, Minnesota and Selected States, 2002-2005 1/

State	2002	2003	2004	2005	Change 2004-2005
	-----Dollars Per Acre-----				Percent
MN	81.00	82.00	83.50	86.50	3.6
IA	120.00	122.00	126.00	131.00	4.0
ND	36.50	36.50	37.50	39.00	4.0
SD	42.00	45.00	47.50	50.40	6.1
WI	67.00	68.00	70.00	70.00	--
48 States 2/	71.60	73.00	76.50	78.00	2.0

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

2/ Excludes Alaska and Hawaii.

FARM INCOME AND EXPENSES: Minnesota, 2000-2004

Item	2000	2001	2002	2003	2004
	Thousand Dollars				
Value of crop production	3,586,365	3,180,714	4,355,232	4,346,093	5,091,677
Food grains	244,095	252,214	273,598	280,747	342,428
Feed crops	1,259,443	1,157,851	1,699,756	1,729,696	1,923,368
Oil crops	1,263,223	1,095,993	1,461,017	1,786,264	1,672,399
Fruits and tree nuts	10,804	13,565	13,299	15,155	14,727
Vegetables	210,629	239,269	250,016	257,519	252,340
All other crops	502,938	512,994	540,857	657,906	655,333
Home consumption	10,727	10,046	9,523	6,190	3,147
Value of inventory adjustment 1/	84,506	-101,217	107,166	-387,384	227,934
Value of livestock production	3,912,711	4,300,453	3,615,553	4,074,296	4,941,813
Meat animals	2,117,684	2,357,601	1,913,037	2,269,255	2,727,113
Dairy products	1,126,560	1,297,343	1,011,318	1,044,224	1,336,334
Poultry and eggs	595,521	628,775	642,895	705,437	811,793
Miscellaneous Livestock	43,349	52,762	60,004	60,788	59,076
Home consumption	4,397	3,696	3,654	4,711	7,053
Value of inventory adjustment 1/	25,200	-39,724	-15,355	-10,119	444
Revenues from services and forestry	849,959	1,037,888	817,214	997,401	1,109,763
Machine hire and custom work	60,922	112,940	68,165	106,810	130,695
Forest products sold	7,100	6,610	6,610	6,610	6,610
Other farm income	340,057	452,789	248,816	330,232	391,991
Gross imputed rental value of farm	441,880	465,549	493,623	553,749	580,467
Value of agricultural sector production 2/	8,349,035	8,519,056	8,787,999	9,417,790	11,143,253
Purchased inputs	5,443,980	5,743,642	5,471,082	5,620,822	6,109,383
Farm origin	2,094,458	2,215,000	2,085,075	2,334,200	2,506,160
Feed purchased	1,163,002	1,217,769	1,103,459	1,300,000	1,380,000
Livestock and poultry purchased	406,984	431,011	373,396	434,200	466,160
Seed purchased	524,472	566,220	608,220	600,000	660,000
Manufactured inputs	1,413,847	1,396,734	1,392,736	1,446,291	1,679,937
Fertilizers and lime	481,923	483,384	467,812	550,000	640,000
Pesticides	473,829	438,304	435,545	440,000	430,000
Petroleum fuel and oils	343,942	350,599	334,466	312,717	452,650
Electricity	114,153	124,447	154,913	143,574	157,287
Other purchased inputs	1,935,675	2,131,908	1,993,271	1,840,331	1,923,286
Repair and maintenance of capital items	463,842	626,560	493,718	532,714	662,534
Machine hire and custom work	181,406	292,564	181,690	131,410	120,755
Marketing, storage, and transportation	271,840	208,211	273,907	250,022	185,796
Contract labor	13,525	21,782	16,760	15,854	20,306
Miscellaneous expenses	1,005,062	982,791	1,027,196	910,331	933,895
Net government transactions	1,113,573	854,739	122,634	507,750	411,709
Direct Government payments	1,502,230	1,242,141	476,745	789,468	704,496
Motor vehicle registration and licensing	15,635	18,093	15,742	21,718	22,787
Property taxes	373,022	369,309	338,369	260,000	270,000
Gross value added	4,018,628	3,630,153	3,439,551	4,304,718	5,445,579
Capital consumption	963,085	980,398	1,002,250	1,024,436	1,088,568
Net value added	3,055,543	2,649,755	2,437,301	3,280,282	4,357,011
Payments to stakeholders	1,729,492	1,714,939	1,727,229	1,588,756	1,711,706
Employee compensation (total hired)	527,850	529,774	561,047	484,146	539,694
Net rent received by non-operator	437,261	480,641	500,766	464,580	510,868
Real estate and non real estate interest	764,381	704,524	665,416	640,030	661,144
Net farm income	1,326,051	934,816	710,072	1,691,526	2,645,305

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

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

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

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

CASH RECEIPTS FROM FARM MARKETINGS: Minnesota, 2002-2004 1/

Commodity	2002		2003		2004	
	Dollars	Percent of Total	Dollars	Percent of Total	Dollars	Percent of Total
	1,000	Percent	1,000	Percent	1,000	Percent
CROPS 2/						
Feed Crops						
Corn	1,608,371	20.4	1,620,547	18.4	1,827,809	18.7
Oats	9,449	0.1	8,229	0.1	7,484	0.1
Barley	7,989	0.1	24,834	0.3	19,887	0.2
Hay	73,947	0.9	76,086	0.9	68,188	0.7
Food Grains						
Wheat	272,931	3.5	279,743	3.2	341,037	3.5
Oil Crops						
Soybeans	1,444,045	18.4	1,764,489	20.0	1,648,271	16.8
Sunflowers	10,632	0.1	12,071	0.1	15,990	0.2
Vegetable Crops						
Potatoes	109,522	1.4	95,358	1.1	101,250	1.0
Sweet Corn (processed)	57,159	0.7	60,563	0.7	64,887	0.7
Green Peas (processed)	31,362	0.4	45,524	0.5	29,106	0.3
Other Crops						
Sugarbeets	336,452	4.3	443,414	5.0	443,414	4.5
Dry Beans	35,307	0.4	39,758	0.5	43,184	0.4
Apples	6,999	0.1	8,855	0.1	8,427	0.1
Floriculture	80,842	1.0	89,737	1.0	86,738	0.9
Other Greenhouse	95,400	1.2	96,500	1.1	97,600	1.0
Other Crops, Fruits & Vegetables 3/	58,136	0.7	61,579	0.7	57,323	0.6
Total Crops	4,238,543	53.9	4,727,287	53.7	4,860,596	49.6
LIVESTOCK AND PRODUCTS						
Meat Animals						
Cattle & Calves	841,716	10.7	989,430	11.2	989,285	10.1
Hogs	1,059,829	13.5	1,266,668	14.4	1,724,512	17.6
Sheep & Lambs	11,492	0.1	13,157	0.1	13,316	0.1
Dairy Products						
Milk, Wholesale	1,011,318	12.9	1,044,224	11.9	1,336,334	13.6
Poultry & Eggs						
Turkeys	413,424	5.3	425,250	4.8	515,592	5.3
Broilers	68,940	0.9	77,690	0.9	101,860	1.0
Chicken Eggs	106,216	1.4	149,381	1.7	142,349	1.5
Other Livestock Products						
Honey	12,555	0.2	14,342	0.2	10,530	0.1
Miscellaneous Livestock & Products 4/	101,764	1.3	99,562	1.1	100,538	1.0
Total Livestock	3,627,254	46.1	4,079,704	46.3	4,934,316	50.4
TOTAL ALL CROPS AND LIVESTOCK	7,865,797	100.0	8,806,991	100.0	9,794,912	100.0

1/ The years 2002 and 2003 were revised on August 2, 2005.

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

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

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

Note: Dollars and percent may not add to totals due to rounding.

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

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

AVERAGE FARM BUSINESS BALANCE SHEET
By Farm Type, Minnesota, 2003-2004 1/

Item	Rural Residence Farms		Intermediate Farms		Commercial Farms	
	2003	2004	2003	2004	2003	2004
	Dollars					
Farm Assets	422,739	419,230	840,861	853,907	1,634,949	1,915,892
Current Assets	21,785	17,747	83,152	98,199	287,899	303,358
Livestock Inventory	6,281	2,994	13,616	16,692	44,700	60,559
Crop Inventory	5,302	4,494	32,469	39,141	119,049	121,449
Purchased Inputs	643	608	4,838	7,868	25,141	21,658
Cash invested in growing crops	2/	3/	616	2/	6,235	6,362
Prepaid Insurance	348	322	915	1,150	3,407	3,745
Other Assets 4/	6,748	9,224	30,697	30,574	89,367	89,586
Non-current Assets	400,953	401,483	757,709	755,708	1,347,050	1,612,534
Investment in Cooperatives	819	1,099	6,960	2/	40,759	52,007
Land and Buildings 5/	354,952	358,427	607,896	543,169	993,165	1,233,276
Operators' Dwelling	103,619	86,463	100,743	87,549	92,309	103,354
Farm Equipment	37,577	37,237	116,058	120,695	263,192	278,252
Breeding Animals	7,605	4,720	26,795	17,956	49,934	49,000
Farm Liabilities	35,354	35,353	87,003	94,050	374,398	371,795
Current Liabilities	6,248	7,500	26,430	26,610	145,271	132,169
Notes payable within one year	1,550	2,761	12,289	9,092	87,664	74,574
Current portion of term debt	3,010	3,002	8,586	10,789	33,319	32,716
Accrued Interest	1,010	1,009	2,443	2,620	10,503	10,408
Accounts Payable	677	728	3,111	4,109	13,784	14,470
Noncurrent Liabilities	29,107	27,853	60,573	67,440	229,127	239,626
Non Real Estate	2,534	2,926	14,824	21,560	59,528	53,497
Real Estate	26,572	24,927	45,748	45,880	169,599	186,129
Farm Equity	387,384	383,877	753,859	759,857	1,260,551	1,544,097

1/ ERS Farm Typology is defined at www.ers.usda.gov/DATA/ARMS/GlobalHelp.htm.

Source: Agricultural Resource Management Survey (ARMS), USDA, Internet Web Site (www.ers.usda.gov/DATA/ARMS/).

Last updated: April 2006.

2/ Estimate does not comply with ERS disclosure limitation practices, is not available, or is not applicable.

3/ The estimate is statistically unreliable due to the combination of a low sample size and high sampling error.

4/ Includes accounts receivable, certificates of deposit, checking and saving balances, and any other financial assets of the farm business.

5/ The value of the operators' dwelling and any associated liabilities were included if the dwelling was owned by the farm business.



Crop Prices Received by Farmers

The 2005 Minnesota marketing year average price for corn fell 19 cents per bushel from 2004, while the soybean market year average price decreased \$0.45. The all wheat market year average price increased 28 cents, but the all hay market year average price decreased \$2.50 per ton.

The marketing year average price for all sunflowers was \$15.90 per cwt., compared to \$16.70 per cut the previous year. The dry edible bean marketing year average price was \$20.00 per cwt., down from \$26.50 the previous year. The primary sources of the crops prices listed in the following tables are elevators and dealers, who buy directly from farmers.

Soybeans: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	<u>Dollars per Bushel</u>			
September	5.19	5.82	6.00	5.75
October	5.09	6.25	5.90	5.71
November	5.27	6.98	5.71	5.55
December	5.33	7.07	5.55	5.65
January	5.39	7.53	5.53	5.68
February	5.46	8.16	5.45	5.45
March	5.47	9.06	5.96	5.39
April	5.68	9.66	6.13	5.34
May	5.94	9.64	6.26	5.51
June	5.93	9.18	6.49	
July	5.73	8.38	6.45	
August	5.62	6.93	6.11	
Marketing Year Average Price 1/	5.42	7.26	5.90	5.45

Sunflowers: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	<u>Dollars per Cwt.</u>			
September	11.70	2/	13.80	16.90
October	12.20	14.20	15.90	17.80
November	12.00	13.20	15.80	16.70
December	12.80	13.50	16.80	16.00
January	12.90	13.10	16.30	13.50
February	2/	14.00	16.70	15.10
March	13.20	2/	17.70	2/
April	2/	14.90	19.10	17.80
May	15.20	15.30	17.00	18.60
June	2/	15.90	2/	
July	13.80	14.30	2/	
August	2/	15.80	2/	
Marketing Year Average Price 1/	12.70	14.20	16.70	15.90

Corn: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	<u>Dollars per Bushel</u>			
October	2.20	1.99	2.13	1.69
November	2.12	2.07	2.03	1.63
December	2.15	2.17	1.93	1.72
January	2.17	2.28	1.94	1.79
February	2.15	2.37	1.86	1.83
March	2.16	2.57	1.92	1.84
April	2.19	2.75	1.90	1.90
May	2.24	2.68	1.90	1.95
June	2.23	2.64	1.95	
July	2.10	2.47	1.97	
August	2.03	2.27	1.82	
September	2.05	2.17	1.71	
Marketing Year Average Price 1/	2.15	2.35	1.94	1.75

Dry Edible Beans: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	<u>Dollars per Cwt.</u>			
September	16.00	17.60	23.40	18.80
October	17.10	20.10	26.40	2/
November	16.00	21.20	24.40	20.80
December	15.10	17.10	28.20	19.00
January	17.40	21.00	27.80	2/
February	17.70	19.80	28.20	2/
March	14.50	18.70	26.60	2/
April	13.10	19.10	2/	14.90
May	20.30	20.10	26.10	13.60
June	14.10	19.00	2/	
July	14.20	19.10	2/	
August	17.90	19.60	2/	
Marketing Year Average Price 1/	16.00	18.60	26.50	20.00

Potatoes: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	<u>Dollars per Cwt.</u>			
July	4.00	4.55	4.75	4.85
August	8.65	5.90	6.15	9.25
September	7.35	4.90	6.15	9.25
October	6.75	5.00	5.65	6.55
November	5.95	4.90	5.70	6.25
December	5.65	5.15	5.55	6.40
January	5.70	5.15	5.75	5.95
February	5.30	5.05	5.55	6.45
March	5.80	5.05	5.75	6.40
April	6.30	5.15	5.00	6.00
May	5.00	4.95	4.85	5.80
June	4.40	4.70	4.75	
Marketing Year Average Price 1/	6.00	5.05	5.45	6.60

1/ Data for 2005-06; are preliminary.

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

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All Wheat: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Dollars per Bushel			
July	3.35	3.42	3.61	3.21
August	3.75	3.51	3.23	3.20
September	4.21	3.43	3.29	3.50
October	4.39	3.55	3.17	3.49
November	4.43	3.61	3.34	3.59
December	4.27	3.69	3.31	3.64
January	4.04	3.75	3.35	3.70
February	3.79	3.82	3.30	3.89
March	3.87	3.76	3.42	3.85
April	3.45	3.97	3.29	3.99
May	3.63	3.94	3.37	4.40
June	3.51	3.84	3.26	
Marketing Year				
Average Price 1/	3.86	3.66	3.32	3.60

All Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Dollars per Ton			
June	67.00	68.00	68.00	71.00
July	66.00	64.00	65.00	66.00
August	67.00	68.00	61.00	62.00
September	69.00	66.00	68.00	61.00
October	62.00	62.00	62.00	60.00
November	67.00	69.00	72.00	75.00
December	69.00	70.00	71.00	70.00
January	68.00	67.00	73.00	68.00
February	70.00	67.00	77.00	66.00
March	68.00	66.00	70.00	66.00
April	68.00	66.00	63.00	65.00
May	72.00	67.00	73.00	66.00
Marketing Year				
Average Price 1/	67.50	66.50	68.50	66.00

Barley: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Dollars per Bushel			
July	1.97	2.35	2.45	1.99
August	1.75	2.29	1.99	2/
September	1.93	2.35	1.64	2/
October	2.36	2/	1.86	2/
November	2.11	2.65	2.31	2/
December	2.55	2/	2.03	2/
January	3.04	2/	2.56	2/
February	2.28	2/	2/	2/
March	2.51	2/	2.41	2/
April	2.49	2/	1.94	2/
May	3.09	2/	2/	2/
June	2/	2/	1.67	
Marketing Year				
Average Price 1/	2.62	2.52	2.22	1.95

Alfalfa Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Dollars per Ton			
June	73.00	71.00	74.00	76.00
July	75.00	70.00	71.00	73.00
August	80.00	75.00	70.00	72.00
September	79.00	73.00	76.00	68.00
October	75.00	72.00	75.00	74.00
November	76.00	72.00	76.00	79.00
December	74.00	73.00	75.00	75.00
January	74.00	72.00	79.00	74.00
February	73.00	70.00	81.00	69.00
March	73.00	68.00	74.00	71.00
April	70.00	70.00	68.00	71.00
May	73.00	68.00	75.00	68.00
Marketing Year				
Average Price 1/	74.50	71.00	74.50	74.00

Oats: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Dollars per Bushel			
July	1.60	1.35	1.31	1.44
August	1.59	1.25	1.21	1.40
September	1.60	1.30	1.33	1.46
October	1.62	1.34	1.33	1.38
November	1.64	1.32	1.26	1.41
December	1.82	1.43	1.45	1.50
January	2.00	1.47	1.45	1.62
February	1.94	1.49	1.42	1.59
March	1.85	1.67	1.55	1.59
April	1.87	1.61	1.47	1.55
May	1.78	1.65	1.41	1.59
June	1.59	1.58	1.47	
Marketing Year				
Average Price 1/	1.65	1.39	1.31	1.45

All Other Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Dollars per Ton			
June	50.00	55.00	50.00	53.00
July	50.00	54.00	52.00	53.00
August	50.00	58.00	48.00	48.00
September	50.00	52.00	51.00	46.00
October	50.00	53.00	49.00	47.00
November	50.00	55.00	52.00	53.00
December	49.00	54.00	55.00	51.00
January	49.00	53.00	56.00	51.00
February	49.00	51.00	54.00	47.00
March	49.00	53.00	51.00	44.00
April	50.00	51.00	45.00	44.00
May	55.00	48.00	50.00	45.00
Marketing Year				
Average Price 1/	50.00	54.00	51.00	50.00

1/ Data for 2005-06; are preliminary.

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

Corn: Percent Marketed by Month, Minnesota, 2001-2005

Month	2001-02	2002-03	2003-04	2004-05
	Percent			
October	10	12	12	10
November	10	18	7	16
December	4	9	7	10
January	7	10	10	10
February	5	6	7	8
March	4	6	6	8
April	4	6	5	5
May	6	8	4	7
June	13	6	14	7
July	15	7	12	8
August	13	7	9	6
September	9	5	7	5

Soybeans: Percent Marketed by Month, Minnesota, 2001-2005

Month	2001-02	2002-03	2003-04	2004-05
	Percent			
September	3	7	13	3
October	20	18	27	19
November	7	11	7	7
December	9	10	9	10
January	12	12	11	9
February	6	9	8	11
March	8	7	7	13
April	4	7	4	5
May	5	6	4	5
June	9	5	3	8
July	10	5	5	5
August	7	3	2	5

All Wheat: Percent Marketed by Month, Minnesota, 2001-2005

Month	2001-02	2002-03	2003-04	2004-05
	Percent			
July	5	15	7	6
August	17	24	21	13
September	8	13	7	10
October	5	4	5	6
November	11	4	5	7
December	11	12	11	8
January	8	5	11	10
February	6	3	12	12
March	5	5	9	11
April	4	4	4	5
May	7	5	3	4
June	13	6	5	8

Oats: Percent Marketed by Month, Minnesota, 2001-2005

Month	2001-02	2002-03	2003-04	2004-05
	Percent			
July	12	18	24	14
August	30	50	30	44
September	5	5	8	7
October	5	2	2	5
November	4	2	3	1
December	9	2	3	2
January	6	4	5	3
February	6	3	4	5
March	4	3	5	4
April	9	5	3	5
May	5	4	7	2
June	5	2	6	8

Barley: Percent Marketed by Month, Minnesota, 2001-2005

Month	2001-02	2002-03	2003-04	2004-05
	Percent			
July	19	5	14	14
August	20	4	15	17
September	7	3	6	4
October	4	9	14	2
November	4	2	3	8
December	7	5	5	11
January	13	40	8	12
February	8	10	9	10
March	3	11	9	8
April	5	8	4	5
May	3	2	5	4
June	7	1	8	5

Dry Edible Beans: Percent Marketed by Month, Minnesota, 2001-2005

Month	2001-02	2002-03	2003-04	2004-05
	Percent			
September	6	22	46	7
October	39	18	16	28
November	10	4	2	14
December	17	17	8	21
January	12	8	4	10
February	3	1	4	4
March	4	7	5	10
April	4	2	1	2
May	2	2	2	1
June	2	9	1	1
July	1	4	5	1
August	--	6	6	1

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

LIVESTOCK, DAIRY, AND POULTRY PRICE

The livestock, dairy, and poultry 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 2005 Minnesota annual average prices for meat animals were higher in 2005 than in 2004. Beef cattle were up \$2.90 per hundredweight and steers and heifers were up \$2.00. Cows increased \$.90 and calves were up \$20.00. All hogs and barrows and gilts both increased \$.90 while sows were down \$.20. Sheep were up \$7.10 and lambs were up \$11.30. All milk and grade A fluid milk were \$15.40 and manufacturing milk was \$13.90 per 100 pounds. Milk cows for dairy herd replacement were up \$200.00 per head. Turkeys were 45 cents per pound, up 3 cents from the previous year and table market eggs, at 33 cents per dozen, were down 22 cents.

PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY By Month, Minnesota, 2001-2005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
Beef Cattle 1/													
<u>Dollars per Cwt.</u>													
2001	68.10	70.10	70.50	70.90	69.30	70.70	68.50	64.70	64.10	60.60	57.70	57.90	65.90
2002	59.00	62.50	64.20	62.30	61.30	58.50	57.10	57.90	57.90	57.20	59.80	63.30	60.00
2003	67.10	66.10	66.40	67.80	69.50	67.90	69.00	71.40	75.90	84.50	88.60	85.00	73.40
2004	73.50	70.60	74.80	79.90	80.50	79.40	78.90	77.30	75.50	74.90	73.90	75.50	76.20
2005	78.30	78.30	82.90	84.40	83.40	78.00	75.60	74.00	76.80	78.90	76.80	82.10	79.10
Steers and Heifers													
<u>Dollars per Cwt.</u>													
2001	73.60	75.40	77.10	76.40	74.30	74.90	72.60	69.80	68.20	65.10	62.60	61.60	71.00
2002	63.80	67.50	69.90	67.80	64.80	62.30	60.40	61.50	61.90	63.00	65.40	69.50	64.70
2003	73.90	75.10	74.30	76.50	76.20	75.30	74.10	77.90	84.20	96.40	100.00	94.20	81.80
2004	80.90	77.60	82.00	85.70	88.00	87.10	83.70	81.80	80.70	79.80	80.00	82.50	82.60
2005	84.80	84.60	88.00	90.20	88.50	82.20	78.50	78.00	81.90	85.50	85.50	89.00	84.60
Cows 2/													
<u>Dollars per Cwt.</u>													
2001	39.70	45.20	44.10	45.90	47.10	48.10	46.00	45.40	43.50	39.60	36.60	36.80	42.80
2002	39.60	42.70	43.90	42.80	42.90	41.30	39.60	38.70	37.20	36.50	36.10	37.10	39.60
2003	38.30	40.60	42.80	44.10	47.20	46.80	49.80	50.70	51.10	52.30	54.30	54.30	47.70
2004	48.70	48.50	49.20	55.20	56.70	58.70	61.00	57.90	56.10	52.30	51.00	50.60	53.60
2005	52.10	54.80	59.60	59.70	61.40	59.10	56.20	52.90	51.80	49.00	50.70	50.90	54.50
Calves													
<u>Dollars per Cwt.</u>													
2001	93.40	94.70	99.50	104.00	104.00	106.00	99.00	92.00	98.00	83.00	83.60	88.50	95.20
2002	93.50	96.80	96.90	96.00	96.70	83.40	76.20	83.00	76.00	79.80	72.90	80.90	85.40
2003	89.50	86.90	92.00	93.70	94.00	95.00	88.30	97.70	100.00	99.70	97.60	99.80	94.60
2004	105.00	97.70	111.00	114.00	115.00	126.00	117.00	118.00	119.00	121.00	107.00	109.00	113.00
2005	118.00	120.00	130.00	142.00	144.00	140.00	133.00	130.00	136.00	136.00	133.00	133.00	133.00

1/ Cows and Steers and Heifers combined.

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

-continued

PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY
By Month, Minnesota, 2001-2005 (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>													
2001	37.40	39.60	46.60	48.30	52.60	53.20	53.70	52.60	45.20	41.03	34.70	34.20	45.50
2002	37.90	40.60	37.00	31.90	33.90	36.30	41.40	35.80	28.90	31.80	27.50	30.40	34.60
2003	32.10	34.90	35.30	34.70	42.50	47.30	45.60	43.10	40.30	39.50	36.30	36.10	38.40
2004	37.20	43.70	46.70	47.50	54.90	55.60	56.90	57.10	54.00	55.20	56.10	52.10	49.80
2005	52.90	51.80	51.50	51.00	55.50	49.20	50.20	52.20	50.00	48.40	44.20	44.70	50.70
Barrows and Gilts 1/													
<u>Dollars per Cwt.</u>													
2001	37.50	39.80	47.00	48.60	53.20	53.80	54.10	53.10	45.70	41.60	34.80	34.30	45.80
2002	38.00	40.70	37.00	32.00	34.00	36.40	41.60	36.00	29.00	31.90	27.50	30.50	34.70
2003	32.20	35.00	35.40	34.80	42.60	47.50	45.70	43.20	40.40	39.60	36.30	36.20	38.50
2004	37.30	43.80	46.80	47.60	55.00	55.70	57.00	57.20	54.10	55.30	56.20	52.20	49.90
2005	53.00	51.90	51.60	51.10	55.60	49.30	50.30	52.30	50.10	48.50	44.30	44.70	50.80
Sows 1/													
<u>Dollars per Cwt.</u>													
2001	32.50	34.00	37.20	42.30	40.70	41.60	42.20	40.50	34.40	33.80	28.40	24.10	37.60
2002	26.60	28.60	31.50	25.70	23.60	21.90	20.70	20.20	15.00	20.20	21.40	23.10	23.80
2003	21.70	23.40	25.00	27.10	30.40	31.30	33.90	33.10	31.40	31.60	29.40	27.50	28.40
2004	29.10	36.90	41.10	42.60	46.30	50.00	51.80	49.70	43.60	43.10	47.10	46.40	42.90
2005	46.50	45.20	43.20	41.40	43.40	43.60	37.80	39.20	39.90	41.80	37.50	37.60	42.70
Sheep													
<u>Dollars per Cwt.</u>													
2001	30.00	30.00	32.20	27.10	25.60	21.10	25.20	25.50	23.70	17.60	20.60	25.90	24.90
2002	28.50	27.60	24.20	19.30	19.00	18.00	19.00	21.20	21.00	23.00	26.00	31.00	22.30
2003	31.40	37.50	30.90	23.60	25.20	24.30	20.40	23.00	24.70	26.50	32.30	36.70	27.50
2004	34.30	37.80	30.50	32.20	29.60	25.00	30.00	35.00	35.00	37.10	35.00	45.00	33.50
2005	43.00	38.90	34.60	38.00	38.00	38.00	38.00	41.00	43.00	43.00	44.00	44.00	40.60
Lambs													
<u>Dollars per Cwt.</u>													
2001	73.70	83.40	85.00	83.30	87.20	68.80	59.20	49.60	48.00	44.80	48.80	61.70	62.00
2002	61.90	63.90	63.10	58.90	63.30	73.20	75.50	71.60	69.10	75.00	80.80	84.10	71.10
2003	86.20	89.90	95.40	91.70	100.00	96.40	85.30	82.00	87.10	87.90	89.90	88.60	89.30
2004	90.60	99.80	99.10	97.90	101.00	98.30	95.20	90.50	90.20	88.80	92.20	98.80	94.70
2005	109.00	114.00	112.00	110.00	115.00	118.00	109.00	104.00	99.10	101.00	97.40	90.00	106.00

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

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

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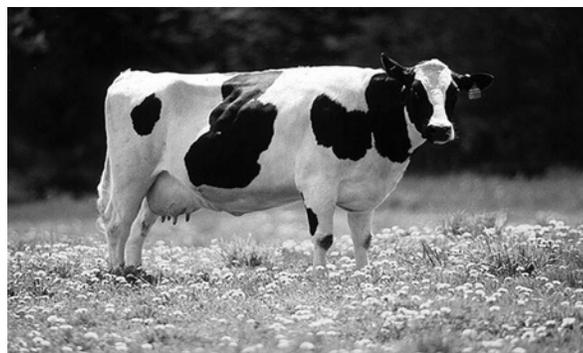


PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY
By Month, Minnesota, 2001-2005 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
All Milk													
<u>Dollars per Cwt.</u>													
2001	12.70	12.90	13.80	14.40	15.70	16.20	16.20	16.40	17.30	15.80	14.20	13.70	14.90
2002	13.80	12.90	12.50	12.40	12.10	11.30	10.70	11.10	11.70	12.40	11.80	11.80	12.10
2003	11.60	11.40	10.70	11.00	11.00	11.00	12.80	14.60	15.50	15.90	14.90	13.80	12.80
2004	13.30	14.00	16.60	20.40	20.70	18.30	15.90	15.20	15.80	15.90	16.70	17.00	16.70
2005	16.10	15.90	15.70	15.60	15.00	14.80	15.00	14.80	15.60	15.80	15.20	15.10	15.40
Fluid Grade Milk													
<u>Dollars per Cwt.</u>													
2001	12.80	13.00	13.90	14.50	15.80	16.30	16.30	16.50	17.30	15.80	14.30	13.80	15.00
2002	13.90	13.00	12.60	12.50	12.20	11.40	10.80	11.20	11.80	12.50	11.90	11.90	12.20
2003	11.70	11.50	10.80	11.10	11.10	11.10	12.90	14.70	15.50	15.90	14.90	13.80	12.90
2004	13.30	14.00	16.60	20.40	20.70	18.40	16.00	15.30	15.90	15.90	16.70	17.00	16.70
2005	16.10	15.90	15.70	15.60	15.00	14.80	15.00	14.80	15.60	15.80	15.20	15.10	15.40
Manufacturing Grade Milk													
<u>Dollars per Cwt.</u>													
2001	10.60	10.90	12.20	12.80	14.50	15.20	14.90	15.20	16.30	14.60	12.30	12.30	13.40
2002	12.30	11.60	11.10	11.10	10.80	10.00	9.10	9.50	10.10	11.00	10.40	10.30	10.60
2003	10.20	9.90	9.30	9.50	9.70	9.70	11.50	13.20	14.30	14.90	13.60	12.40	11.40
2004	12.00	12.70	15.10	19.30	19.50	17.10	14.20	13.70	14.50	14.60	15.40	15.90	15.30
2005	14.70	14.50	14.40	14.30	13.40	13.40	13.40	13.30	14.20	14.20	13.60	13.50	13.90
Milk Cows 1/													
<u>Dollars per Head</u>													
2001	1,180	--	--	1,320	--	--	1,570	--	--	1,590	--	--	1,420
2002	1,470	--	--	1,650	--	--	1,580	--	--	1,280	--	--	1,500
2003	1,270	--	--	1,290	--	--	1,300	--	--	1,310	--	--	1,290
2004	1,350	--	--	1,600	--	--	1,570	--	--	1,640	--	--	1,500
2005	1,530	--	--	1,700	--	--	1,780	--	--	1,770	--	--	1,700
Table Market Eggs 2/													
<u>Cents per Dozen</u>													
2001	42	45	46	45	35	29	27	32	29	37	42	37	40
2002	40	30	54	27	23	41	32	41	35	31	50	50	37
2003	49	42	51	46	40	55	55	67	61	70	89	70	56
2004	83	74	99	59	47	49	41	34	34	28	41	43	55
2005	36	35	32	26	23	21	31	25	48	28	46	55	33

1/ Cows sold for dairy herd replacement.

2/ 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.

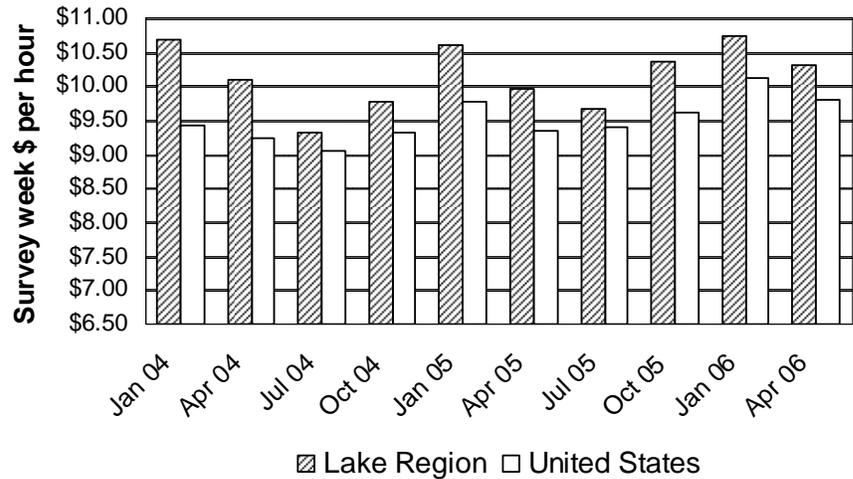


FARM LABOR

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

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

WAGE RATES FOR ALL HIRED WORKERS Excluding Agricultural Service Workers



HIRED WORKERS: Annual Average Wage Rates, Minnesota, 2001-2005 1/

Year	All Hired	Field	Field & Livestock
	Dollars per Hour		
2001	9.53	9.90	9.26
2002	9.73	9.76	9.12
2003	10.23	9.80	9.56
2004	10.93	10.13	10.02
2005	11.05	10.70	10.49

1/ Excludes Agricultural Service Workers.

FARM LABOR: Farm Workers and Wages by Type of Work, Lake Region, 2004-2006 1/

Year and Month	Hired Workers and Hours Worked				Wages, Type of Work			
	Number of Workers	Expected to be Employed		Number of Hours Worked	All Hired	Field	Livestock	Field & Livestock
		150 Days or More	149 Days or Less					
	-----1,000 Workers-----			Hours	-----Dollars Per Hour-----			
2004								
January	50	43	7	34.2	10.68	10.11	9.41	9.60
April	57	43	14	35.5	10.10	9.20	9.95	9.60
July	69	40	29	36.4	9.30	8.29	9.13	8.55
October	72	43	29	39.7	9.77	9.06	9.51	9.20
2005								
January	43	37	6	34.0	10.61	9.65	9.67	9.66
April	55	38	17	34.8	9.95	8.99	10.05	9.45
July	75	51	24	40.9	9.66	8.66	9.52	8.97
October	72	46	26	40.6	10.35	9.96	9.49	9.80
2006								
January	43	37	6	37.8	10.73	10.33	9.30	9.69
April	57	40	17	38.0	10.30	9.32	9.94	9.63

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

MINNESOTA FERTILIZER USAGE

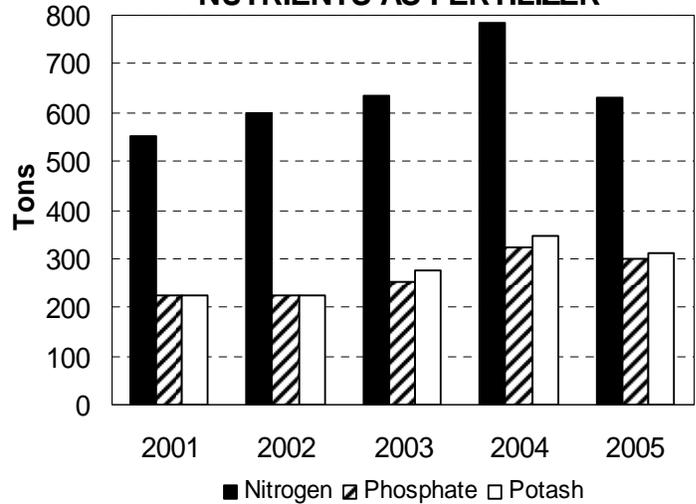
Minnesota fertilizer consumption totaled 2.4 million tons for the year ending June 30, 2005, a decrease of 12 percent from the previous year.

Usage of the primary nutrients is shown on the chart; nitrogen decreased 19 percent from 2004, phosphate (P₂O₅) usage decreased 8 percent, and potash (K₂O) usage decreased 10 percent.

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

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

MINNESOTA'S USAGE OF PRIMARY NUTRIENTS AS FERTILIZER



2005 OAT CHEMICAL USAGE

Fifteen States were included in the 2005 survey: California, Idaho, Illinois, Iowa, Kansas, Michigan, Minnesota, Montana, Nebraska, New York, North Dakota, Pennsylvania, South Dakota, Texas, and Wisconsin. This compares to 1998 when oats were last surveyed in which an area survey was conducted drawing possible samples from any of the 48 states.

Nitrogen recorded 107.4 million pounds applied to 56 percent of the oats acreage in these States. Approximately 50 million pounds each of phosphate and potash were applied to 40 and 28 percent, respectively, of the oats acreage in the States surveyed. For the first time, sulfur usage data were collected, and 3.2 million pounds were applied to 9 percent of the acres planted.

OATS: Agricultural Chemical Applications, Minnesota, 2005 1/

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre	Pounds per Acre	1,000 Pounds
Herbicides					
2, 4-D, dimeth. salt	3	1.0	0.502	0.502	5

1/ Planted acreage in 2005 for Minnesota was 310,000 acres.

**OATS: Fertilizer Use by State, 2005
Percent of Acres Treated and Total Applied**

State	Planted Acreage 1,000 Acres	Nitrogen		Phosphate		Potash		Sulfur	
		Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent	Mil. Lbs.
IL 1/	60	15	0.4	12	0.4	26	1.7	--	--
IA 1/	210	31	1.8	30	2.5	40	6.9	--	--
MI 1/	90	82	2.6	72	2.8	77	3.4	--	--
MN	310	28	4.2	22	2.4	28	5.9	5	0.2
NE	150	68	4.5	24	1.3	7	0.1	5	--
ND	490	71	15.8	49	5.7	9	0.7	5	0.1
SD 1/	380	64	11.8	46	5.6	17	1.7	--	--
WI	400	23	2.1	24	3.9	35	15.1	8	0.4
Total	3,565	56	107.4	40	48.8	28	49.7	9	3.2

1/ Insufficient reports to publish data for one or more of the fertilizer primary nutrients.

2/ Totals for 15 reporting states: CA, ID, IL, IA, KS, MI, MN, MT, NE, NY, ND, PA, SD, TX, WI.

2005 CORN CHEMICAL USAGE

Nitrogen was applied to 96 percent of the 2005 corn planted acreage in the 19 Program States. Corn growers applied an average of 138 pounds of nitrogen per acre per crop year. Phosphate was applied to 81 percent of the corn acreage in the Program States at an average rate of 58 pounds per acre per crop year. Potash, applied at 84 pounds per acre per crop year, was applied to 65 percent of the acreage planted to corn. For the first time, sulfur use was included in the survey and 13 percent of the acres planted received an application at an average rate of 12 pounds per acre per crop year.

Herbicides were applied to 97 percent of the corn planted acreage in 2005 in the Program States. Atrazine continues to be the most widely applied herbicide with 66 percent of the planted acreage being treated. It was applied at an average rate of 1.133 pounds per acre per crop year. Glyphosate isopropylamine salt (formerly recorded as Glyphosate) was applied to 31 percent of planted acres, up from 19 percent in 2003, at an average rate of 0.963 pounds per acre per crop year.

In 2005, 23 percent of the corn planted acreage was treated with insecticides in the Program States. Tefluthrin, Cyfluthrin, and Tebupirimphos were the most widely applied insecticides, at 7, 7, and 6 percent, respectively, to the acres planted to corn in the States surveyed.

CORN: Fertilizer Use by State, 2005 Percent of Acres Treated and Total Applied

State	Planted Acreage	Nitrogen		Phosphate		Potash		Sulfur	
		Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent	Mil. Lbs.
IL	12,100	98	1,728.3	84	780.4	84	1,160.5	4	14.9
IN	5,900	100	869.3	93	420.2	88	648.2	14	8.1
IA	12,800	92	1,653.2	70	579.0	71	762.3	5	4.5
MN	7,300	94	953.9	86	378.1	77	400.3	9	8.2
ND	1,410	99	169.3	94	58.8	38	13.3	8	0.9
SD	4,450	95	477.7	79	154.2	37	41.9	13	5.5
WI	3,800	93	380.9	84	118.8	84	191.7	22	9.1
Total	76,470	96	10,114.7	81	3,592.8	65	4,136.5	13	125.9

1/ Refers to the 19 major corn states: CO, GA, IL, IN, IA, KS, KY, MI, MN, MO, NE, NY, NC, ND, OH, PE, SD, TX and WI.

CORN: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2005 1/

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Lbs. per Acre	Lbs. per Acre	1,000 Pounds
Herbicides					
Acetochlor	33	1.0	1.271	1.271	3,095
Atrazine	41	1.1	0.490	0.490	1,660
Clopyralid	6	1.0	0.104	0.104	42
Dicamba, Pot. Salt	5	1.0	0.363	0.363	120
Dicamba, Sodium Salt	5	1.0	0.137	0.137	45
Diflufenzopyr-sodium	5	1.0	0.054	1.054	18
Dimethenamid-P	6	1.0	0.950	0.950	388
Flumetsulam	6	1.0	0.035	0.035	14
Glufosinate-ammonium	7	1.0	0.319	0.319	163
Glufosinate	5	1.1	0.722	0.722	270
Glyphosate iso. salt	44	1.2	0.738	0.738	2,853
Mesotrione	17	1.0	0.099	0.099	125
Nicosulfuron	12	1.0	0.025	0.025	22
Rimsulfuron	9	1.0	0.011	0.011	7
S-Metolachlor	8	1.0	1.164	1.164	681
Insecticides					
Chlorpyrifos	2	1.0	0.874	0.874	107
Cyfluthrin	5	1.0	0.016	0.016	7
Tebupirimphos	5	1.0	0.112	0.112	43
Tefluthrin	2	1.0	0.109	0.109	16

1/ Planted acreage in 2005 for Minnesota was 7.3 million acres.

2005 FALL POTATO CHEMICAL USAGE

Eight fall producing States were included in the 2005 survey: Colorado, Idaho, Maine, Michigan, Minnesota, North Dakota, Washington, and Wisconsin. Nitrogen averaged 4.1 applications per field with a total of 180.3 million pounds applied to 99 percent of the fall potato acreage. Phosphate was applied to 98 percent of the fall potato acres, with a total of 132.5 million pounds applied. A total of 145.4 million pounds of Potash were applied to 92 percent of the planted acreage. Sulfur recorded 41.3 million pounds applied to 72 percent of the acres planted.

The total pounds of all pesticides were down for fall potatoes in 2005 compared to 2003. Herbicides were applied to 92 percent of the fall potato acreage in 2005 in the 8 Program States. Metribuzin was the most widely applied herbicide, applied to 74 percent of the planted acreage treated, at a rate of 0.441 pounds per acre per crop year.

Of the insecticides covering 79 percent of the 2005 fall potato planted acreage, the three most commonly applied were Imidacloprid, Cyfluthrin, and Esfenvalerate and, 38, 29, and 27 percent, respectively.

Fungicide treatments were applied to 90 percent of the fall potato acreage in the Program States. Mancozeb was the most commonly used fungicide. It was applied to 61 percent of the planted acres at a rate of 4.215 pounds per acre per crop year.

FALL POTATOES: Fertilizer Use by State, 2005 Percent of Acres Treated and Total Applied

State	Planted Acreage	Nitrogen		Phosphate		Potash		Sulfur	
		1,000 Acres	Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent
ID	325	100	72.9	99	56.9	92	40.0	82	21.7
MI	44	99	9.2	94	4.9	100	10.2	58	1.4
MN	46	100	8.2	100	5.0	81	7.7	55	0.7
ND	92	100	14.7	100	8.4	96	13.7	54	1.3
WI	68	100	17.9	99	9.1	99	20.5	72	4.1
Total 1/	845	99	180.3	98	132.5	92	145.4	72	41.3

1/ Refers to the 8 major potato states: CO, ID, ME, MI, MN, ND, WA, and WI.

FALL POTATOES: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2005 1/

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Year	Total Applied
	Percent	Number	Lbs. per Acre	Lbs. per Acre	1,000 Pounds
Herbicides					
Linuron	8	1.0	0.820	0.820	3
Metribuzin	81	1.0	0.309	0.309	12
S-Metolachlor	28	1.0	1.029	1.029	13
Insecticides					
Esfenvalerate	39	1.7	0.014	0.024	2/
Imidacloprid	59	1.1	0.201	0.217	6
Thiamethoxam	13	1.3	0.040	0.050	2/
Fungicides					
Azoxystrobin	7	2.3	0.105	0.239	1
Chlorothalonil	83	9.9	1.065	10.506	399
Cymoxanil	15	1.0	0.094	0.094	1
Mancozeb	75	3.3	1.347	4.405	152
Mefenoxam	29	1.0	0.238	0.238	3
Metiram	3	2.1	1.082	2.304	4
Triphenyltin hydrox.	7	2.0	0.118	0.239	1
Zoxamide	6	1.5	0.158	0.241	1
Other Chemicals					
Diquat dibromide	22	1.5	0.343	0.526	5

1/ Planted acreage in 2005 for Minnesota was 46,000 acres.

2/ Total applied is less than 500 lbs.

**CORN AND SOYBEANS: Production Costs and Returns,
Heartland Region, 2003-2004 1/ 2/**

Item	Corn		Soybeans	
	2003	2004	2003	2004
	<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	331.06	376.17	237.11	272.08
Operating Costs				
Seed	34.89	37.05	27.78	29.56
Fertilizer, lime, and gypsum	45.00	48.90	6.87	7.59
Soil conditioners	0.09	0.10	0.09	0.10
Manure	1.60	1.74	0.48	0.51
Chemicals	26.50	27.11	17.40	16.61
Custom operations 3/	10.09	10.53	5.48	5.53
Fuel, lube, and electricity	18.81	25.41	7.16	7.72
Repairs	12.63	13.82	8.73	9.64
Interest on operating capital	0.79	1.26	1.39	0.61
Total operating cost	150.40	165.92	75.38	77.87
Allocated overhead				
Hired labor	2.30	2.30	1.24	1.27
Opportunity cost of unpaid labor	23.79	24.28	15.09	15.14
Capital recovery of machinery and equipment	53.06	58.11	40.68	44.92
Opportunity cost of land (rental rate)	100.28	103.58	95.93	98.97
Taxes and insurance	5.19	5.24	5.89	5.95
General farm overhead	10.93	11.17	12.10	12.35
Total allocated overhead	195.55	204.68	170.93	178.60
Total cost listed	345.95	370.60	246.31	256.47
Value of production less total costs listed	-14.89	5.57	-9.20	15.61
Value of production less operating costs	180.66	210.25	161.73	194.21
Supporting information				
Yield (bu./planted acre)	157	178	36	49
Price (dollars per bushel at harvest)	2.10	2.10	6.57	5.58
Enterprise size (planted acres) 1/	270	270	280	280
Production practices 1/				
Irrigated (percent)	5	5	5	5
Dryland (percent)	95	95	95	95

1/ Developed from survey base year 2001 for corn. Developed from survey base year 2002 for soybeans.

2/ 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.

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

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

WHEAT: Production Costs and Returns, Northern Plains Region, 1997-2004 1/ 2/

Item	1997	1998	1999	2000	2001	2002	2003	2004
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Wheat	93.61	100.10	85.49	83.98	77.94	80.59	124.20	129.04
Wheat straw	0.74	1.74	1.42	1.67	1.85	2.39	2.07	1.70
Total, gross value of production	94.35	101.84	86.91	85.65	79.79	82.98	126.27	130.74
Cash expenses								
Seed	7.64	7.64	6.36	6.19	6.34	6.33	7.89	7.42
Fertilizer, lime, and gypsum	14.85	14.78	13.46	13.91	19.66	14.40	19.74	20.28
Chemicals	8.33	10.61	10.28	10.15	10.14	10.09	10.02	10.01
Custom operations	2.64	4.04	3.82	4.00	3.77	3.13	4.68	4.56
Fuel, lube, and electricity	6.74	4.25	4.16	6.06	6.03	5.22	7.02	7.32
Repairs	12.77	8.10	8.85	9.85	9.66	9.57	10.38	9.54
Hired Labor	2.52	1.45	1.48	1.60	1.67	1.70	1.80	1.86
Other variable cash expenses 3/ Total, variable cash expenses	0.03 55.52	0.16 51.03	0.16 48.57	0.16 51.92	0.17 57.44	0.17 50.61	0.18 61.71	0.19 61.18
General farm overhead	5.35	6.32	6.42	6.49	6.76	6.97	7.16	7.39
Taxes and insurance	9.61	3.76	3.81	3.85	3.95	3.99	4.08	4.15
Interest	9.47	1.19	1.11	1.45	0.94	0.41	0.32	0.47
Total, fixed cash expenses	24.43	11.27	11.34	11.79	11.65	11.37	11.56	12.01
Total, cash expenses	79.95	62.04	59.91	63.71	69.09	61.98	73.27	73.19
Gross value of production less cash expenses listed	14.40	39.80	27.00	21.94	10.70	21.00	53.00	57.55
Harvest-period price (dollars/bu.)	3.81	2.91	2.68	2.50	2.66	3.55	3.29	3.35
Yield (bu./planted acre)	24.57	34.40	31.90	33.60	29.30	22.70	37.80	38.52

1/ Data for 1996-1997 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

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

3/ Cost of purchased irrigation water and baling.

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

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

BARLEY: Production Costs and Returns, Northern Plains Region, 1997-2004 1/ 2/

Item	1997	1998	1999	2000	2001	2002	2003	2004
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Barley	91.83	79.90	73.27	68.82	75.98	69.85	154.11	137.12
Barley straw	2.67	2.07	1.79	2.02	2.07	2.33	4.13	4.33
Total, gross value of production	94.50	81.97	75.09	70.84	78.05	72.18	158.24	141.45
Cash expenses								
Seed	6.77	6.30	5.73	5.84	5.84	5.81	8.21	7.89
Fertilizer, lime, and gypsum	16.68	14.49	13.52	13.80	18.15	14.16	16.43	17.45
Chemicals	7.97	8.11	8.14	7.77	7.93	7.88	12.16	12.16
Custom operations	3.39	3.49	3.68	3.64	3.77	3.72	6.13	6.18
Fuel, lube, and electricity	8.59	7.55	7.72	10.28	8.92	8.30	7.76	9.03
Repairs	13.87	14.08	14.25	14.91	15.02	14.58	14.24	14.56
Hired Labor	4.40	4.50	4.65	4.88	5.23	5.18	1.97	2.02
Other variable cash expenses 3/ Total, variable cash expenses	1.04 62.71	1.06 59.58	1.32 59.01	1.14 62.26	1.32 66.18	1.19 60.82	0.69 67.59	0.70 69.99
General farm overhead	7.58	6.07	5.77	5.82	6.01	6.15	8.10	8.28
Taxes and insurance	12.13	11.14	10.39	10.70	10.70	10.89	6.77	6.88
Interest 4/	12.20	11.33	11.40	11.40	12.15	10.84	0.35	0.54
Total, fixed cash expenses	31.91	28.54	27.56	27.92	28.86	27.88	15.22	15.70
Total, cash expenses	94.62	88.12	86.57	90.18	95.04	88.70	82.81	85.69
Gross value of production less cash expenses listed	-0.12	-6.15	-11.51	-19.34	-16.99	-16.52	75.43	55.76
Harvest-period price (dollars/bu.)	2.11	1.69	1.73	1.59	1.83	2.14	2.82	2.48
Yield (bu./planted acre)	43.52	47.28	42.35	43.28	41.52	32.64	54.70	55.40

1/ Data for 1996-2002 refer to the Northern Plains Region which includes Minnesota, North Dakota, South Dakota, Montana, and Wyoming.

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

3/ Cost of purchased irrigation water and baling.

4/ Data for 2003 includes interest on operating inputs only.

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

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

OATS: Production Costs and Returns, North Central Region, 1997-2004 1/

Item	1997	1998	1999	2000	2001	2002	2003	2004
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Oats	104.46	64.03	68.26	69.90	85.42	103.02	119.02	94.43
Oats straw	49.88	44.21	45.34	46.48	48.18	48.77	49.35	49.89
Total, gross value of production	154.34	108.24	113.60	116.38	133.60	151.79	168.37	144.32
Cash expenses								
Seed	10.10	9.72	9.02	8.30	8.23	8.11	10.53	9.96
Fertilizer, lime, and gypsum	20.09	19.10	17.90	18.24	21.16	18.39	20.14	22.09
Chemicals	1.27	1.27	1.26	1.25	1.27	1.28	1.29	1.28
Custom operations 2/	5.71	5.73	5.75	5.76	5.82	5.78	5.80	5.83
Fuel, lube, and electricity	4.33	3.54	3.72	5.52	5.19	4.53	6.28	7.30
Repairs	7.63	7.10	6.70	6.57	6.69	6.77	6.80	7.38
Hired Labor	1.81	1.91	2.00	2.18	2.17	2.31	2.57	2.49
Other variable cash expenses 3/	1.84	1.63	1.67	1.71	1.78	1.80	1.82	1.84
Total, variable cash expenses	52.78	50.00	48.02	49.53	52.31	48.97	55.23	58.17
General farm overhead	5.31	5.01	5.08	5.21	5.38	5.50	5.63	5.76
Taxes and insurance	20.15	19.58	20.15	21.16	21.54	21.32	21.76	21.98
Interest	6.17	6.50	6.13	6.48	6.60	6.02	6.02	5.96
Total, fixed cash expenses	31.63	31.09	31.36	32.85	33.52	32.84	33.41	33.70
Total, cash expenses	84.41	81.09	79.38	82.38	85.83	81.81	88.64	91.87
Gross value of production less cash expenses listed	69.93	27.15	34.22	34.00	47.77	69.98	79.73	52.45
Harvest-period price (dollars/bu.)	1.62	1.09	1.10	1.02	1.32	1.67	1.67	1.41
Yield (bu./planted acre)	64.48	58.74	62.05	68.53	64.71	61.69	71.27	66.97

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

2/ Cost of custom operations and technical service.

3/ Cost of baling.

Note: Survey base changed in 1994.

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

Internet Web Site: (www.ers.usda.gov/data/)**SUGARBEETS: Production Costs and Returns, Red River Valley, 1997-2004 1/**

Item	1997	1998	1999	2000	2001	2002	2003	2004
	<u>Dollars per Planted Acre</u>							
Gross value of production								
Beets – gross value of production	697.50	733.42	739.11	723.06	752.49	721.69	911.27	728.64
Cash expenses								
Seed	44.81	46.39	45.55	44.89	45.01	48.02	48.02	51.67
Fertilizer	39.86	35.68	33.83	28.74	37.21	29.79	36.96	39.10
Chemicals	71.13	71.43	70.62	109.03	109.80	109.72	109.60	108.30
Custom operations	23.30	25.78	24.79	23.49	23.02	23.53	24.81	24.73
Fuel, lube, and electricity	20.73	18.43	19.18	24.86	24.55	23.07	24.40	28.03
Repairs	31.53	33.53	34.38	32.52	34.59	37.00	38.59	38.93
Hired Labor	83.06	86.06	84.88	51.76	55.21	55.95	58.44	61.89
Purchased irrigation water	0.05	0.05	0.04	0.06	0.06	0.06	0.06	0.07
Freight and dirt hauling charges	11.81	11.25	10.85	13.62	13.91	13.88	15.08	15.54
Miscellaneous 2/	16.94	15.71	15.77	13.30	13.75	13.65	14.39	15.14
Hauling allowance (-)	-11.36	-10.75	-10.36	-10.34	-10.44	-10.45	-10.45	-10.45
Total, variable cash expenses	331.86	335.56	329.53	331.93	346.67	344.22	359.90	393.85
General farm overhead	30.90	28.98	29.48	27.55	28.30	28.92	29.58	30.24
Taxes and insurance	39.24	40.39	40.76	14.57	12.59	12.84	13.13	13.43
Interest	41.99	48.63	49.59	8.38	4.96	2.44	1.60	2.46
Total, fixed cash expenses	112.13	118.00	119.83	50.50	45.85	44.20	44.31	46.13
Total, cash expenses	443.99	451.56	449.36	382.43	392.52	388.42	404.21	439.98
Gross value of production less cash expenses listed	253.51	281.86	289.75	340.63	366.97	333.27	507.06	288.66
Season-average price (dollars/ton) 3/	38.43	35.21	37.16	35.10	42.27	39.01	44.89	36.80
Yield (net tons/planted acre)	18.15	20.83	19.89	20.60	17.80	18.50	20.30	19.80

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

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

3/ Sugarbeet prices for 2004 were held at the U.S. level because State prices for 2004 were unavailable at the time of publication.

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

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

**HOG PRODUCTION: Farrow-to-Finish, Farrow-to-Feeder,
Feeder Pig-to-Finish, Costs and Returns, Heartland Region, 2004 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	48.09	47.35	2.31	57.72
Feeder pigs	12.60	0.90	126.41	0.18
Cull stock	1.37	2.42	3.55	0.01
Breeding stock	0.63	0.22	0.25	0.01
Inventory change	-0.17	0.05	-6.65	1.11
Other income 4/	1.86	1.76	1.54	2.04
Total gross value of production	64.38	52.70	127.41	61.07
Operating costs				
Feed				
Grain	8.04	10.21	1.91	6.57
Protein sources	9.63	13.55	1.09	6.17
Complete mixes	9.78	5.95	30.80	10.94
Other feed items 5/	0.25	0.43	0.25	0.09
Total feed costs	27.70	30.14	34.05	23.77
Other				
Feeder pigs	15.43	0.08	0.71	33.30
Veterinary and medicine	1.22	1.67	2.74	0.56
Bedding and litter	0.03	0.04	0.06	0.02
Marketing	0.67	0.34	3.81	0.58
Custom services	0.34	0.29	0.29	0.42
Fuel, lube, and electricity	1.77	1.90	4.58	1.12
Repairs	0.97	1.38	1.22	0.45
Other operating costs 6/	0.04	0.03	0.04	0.03
Interest on operating capital	0.38	0.28	0.37	0.47
Total operating costs	48.55	36.15	47.87	60.72
Allocated overhead				
Hired labor	2.82	3.28	13.77	0.48
Opportunity cost of unpaid labor	5.54	7.09	7.33	3.33
Capital recovery of machinery and equipment 7/	11.89	12.66	30.67	7.46
Opportunity cost of land (rental rate)	0.05	0.06	0.08	0.02
Taxes and insurance	0.49	0.54	0.94	0.36
General farm overhead	1.05	1.17	1.63	0.79
Total, allocated overhead	21.84	24.80	54.42	12.44
 Total costs listed	70.39	60.45	102.29	73.16
Value of production less total costs listed	-6.01	-8.25	25.12	-12.09
Value of production less operating costs	15.83	16.55	79.54	0.35
Supporting information				
Production arrangement (percent of production)				
Independent	69	99	22	47
Under contract	31	1	78	53
Size of operation (head sold/removed)				
Market hogs	2,085	1,896	80	2,931
Feeder pigs	1,226	61	10,738	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. Developed from survey base year, 1998.

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

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

4/ Value of manure production.

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

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

7/ Machinery and equipment, and housing, manure handling, and feed storage structures, and breeding herd.

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

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

COW-CALF: Production Costs and Returns, Heartland Region, 2003-2004 1/

Item	2003	2004
	<u>Dollars per Bred Cow</u>	
Gross value of production		
Steer calves	187.53	221.71
Heifer calves	126.15	148.89
Yearling steers	40.79	44.97
Yearling heifers	12.55	13.89
Other cattle	75.11	87.79
Total gross value of production	446.51	521.64
Operating costs		
Purchased cattle for backgrounding	26.60	30.20
Feed		
Concentrates and other feed	26.86	33.12
Supplemental feed	41.96	32.80
Harvested forages	189.51	184.41
Cropland pasture	13.36	14.33
Private pasture	76.01	82.31
Public land	0.35	0.37
Total feed costs	348.05	347.34
Other		
Veterinary and medicine	39.47	40.15
Bedding and litter	1.37	1.40
Marketing	4.38	4.39
Custom operations	41.12	41.62
Fuel, lube, and electricity	26.09	29.23
Repairs	29.96	30.29
Interest on operating inputs	2.76	4.12
Total operating costs	519.80	528.74
Allocated overhead		
Hired labor	0.64	0.64
Opportunity cost of unpaid labor	230.47	233.01
Capital recovery cost of machinery and equipment	281.21	299.89
Opportunity cost of land	5.72	6.01
Taxes and insurance	44.94	45.84
General farm overhead	85.88	88.36
Total allocated overhead	648.86	673.75
Total cost listed	1,168.66	1,202.49
Value of production less total costs listed	-722.15	-680.85
Value of production less operating costs	-73.29	-7.10

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. Developed from survey base year, 1996.
Source: Economic Research Service, United States Department of Agriculture, Washington, D.C.
Internet Web Site (www.ers.usda.gov/data/)



MILK: Production Costs and Returns, per cwt sold, 2003-2004 1/

Item	Heartland 2/		Northern Crescent 3/	
	2003	2004	2003	2004
	Dollars per Cwt.			
Gross value of production				
Milk	12.93	16.71	13.41	17.29
Cattle	1.65	1.87	1.28	1.47
Other income 4/	0.97	1.06	0.75	0.81
Total gross value of production	15.55	19.64	15.44	19.57
Operating costs				
Feed				
Feed grains	2.35	1.77	1.49	1.19
Hay and straw	2.54	2.40	1.35	1.36
Complete feed mixes	0.96	1.19	1.25	1.38
Liquid whey and milk replacer	0.11	0.15	0.10	0.14
Silage	0.77	0.81	0.91	0.95
Grazed pasture and cropland	0.13	0.14	0.07	0.07
Other feed item 5/	1.59	1.79	1.29	1.48
Total feed costs	8.45	8.25	6.46	6.57
Other				
Veterinary and medicine	0.78	0.79	0.81	0.82
Bedding and litter	0.23	0.23	0.24	0.24
Marketing	0.22	0.22	0.32	0.32
Custom service	0.54	0.55	0.49	0.49
Fuel, lube, and electricity	0.56	0.62	0.58	0.64
Repairs	0.60	0.64	0.64	0.65
Other operating costs 6/	0.00	0.00	0.00	0.00
Interest on operating capital	0.06	0.09	0.05	0.08
Total operating costs	11.44	11.39	9.59	9.81
Allocated overhead				
Hired labor	0.85	0.90	1.38	1.41
Opportunity cost of unpaid labor	5.90	5.92	5.29	5.27
Capital recovery of machinery and equipment 7/	4.71	4.96	4.29	4.39
Opportunity cost of land (rental rate)	0.09	0.10	0.08	0.08
Taxes and insurance	0.20	0.20	0.23	0.23
General farm overhead	0.61	0.61	0.66	0.67
Total allocated overhead	12.36	12.69	11.93	12.05
 Total cost listed	 23.80	 24.08	 21.52	 21.86
Value of production less total costs listed	-8.25	-4.44	-6.08	-2.29
Value of production less operating costs	4.11	8.25	5.85	9.76
Supporting information				
Milk cows (head per farm)	61	62	70	71
Output per cow (pounds)	18,564	18,680	19,852	19,899
Milk frequency greater than twice per day (percent of farms)	1.95	2.11	3.13	3.21
Homegrown feed cost (percent of total feed cost)	59	59	49	48
Milk cows injected with BST (head per farm)	11	11	14	15

1/ Developed from survey base year, 2000.

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

3/ Northern Crescent Region includes New England, New York ASD 1, 2, 3, 5, 6, 8 and 9, Ohio ASD 2 and 3, MI, WI and MN ASD 2, 3, 5 and 6.

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

5/ Cotton seed meal, protein supplements, protein byproducts, vitamin or mineral supplements, non-protein byproducts, alfalfa cubes or pellets, green chop, corn stalks, and antibiotics and other medicated additives.

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

7/ Machinery and equipment, and housing, manure handling, and feed storage structures, and dairy breeding herd.

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

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