

EXPORTS

Minnesota ranked seventh in farm exports for fiscal year 2006. The value of the state's exports came to \$2.98 billion, versus \$2.87 billion in 2005. This accounts for 4.3 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 2006

Commodity	Value
	Million Dollars
Feed Grains & Products	827.4
Soybeans & Products	830.1
Wheat & Products	241.0
Live Animals & Meat 1/	336.0
Vegetables & Preparations	138.0
Feed & Fodders	103.3
Dairy Products	83.2
Hides & Skins	59.7
Poultry & Products	79.5
Sunflower Seed & Oil	13.4
Fats, Oils, Greases	13.7
Seeds	17.6
Other 2/	234.2
Total	2,977.1

AGRICULTURAL EXPORTS: Leading States, FY 2006

Rank	State	Value
		Million Dollars
First	CA	10,474.8
Second	IA	4,210.5
Third	TX	3,805.4
Fourth	IL	3,787.1
Fifth	NE	3,261.3
Sixth	KS	3,220.7
Seventh	MN	2,977.1
Eighth	WA	2,227.2
Ninth	NC	2,045.1
Tenth	IN	2,043.6

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, 2003-2006 1/

State	2003	2004	2005	2006	Change 2005-2006
	Dollars Per Acre				Percent
MN	1,600	1,800	2,100	2,400	14.3
IA	2,010	2,200	2,650	2,930	10.6
ND	425	455	505	560	10.9
SD	460	500	605	710	17.4
WI	2,300	2,500	2,850	3,200	12.3
48 States 2/	1,270	1,360	1,650	1,900	15.2

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 2006 totaled 1,762 for January 1 through September 30, 2006. The average acreage per sale in 2006 was 106 acres, compared with 105 acres in 2005. Average sale price per acre for that period in 2006 was \$2,591, an increase of \$7 per acre from the 2005 average.

Cropland rented for cash in the state averaged \$88.00 per acre, an increase of \$1.50 from a year ago.

FARMLAND SALES: Number, Acres, and Price, Minnesota, 2002-2006

Year	Number of Sales	Acres Sold	Price Per Acre		
			Average	Minimum	Maximum
	<u>Number</u>	<u>Acres</u>	-----Dollars-----		
2002	2,321	256,276	1,745	104	13,500
2003	2,391	261,490	1,917	142	15,000
2004	2,809	313,961	2,095	126	14,257
2005	2,677	279,938	2,584	108	14,657
2006 1/	1,762	186,895	2,591	194	14,945

1/ Current year includes transactions for Jan. 1, 2006, through Sept. 30, 2006.

FARMLAND SALES: Number, Acres, and Price, by District, Minnesota, 2006 1/

Reporting District	Number of Sales	Acres Sold	Price Per Acre		
			Average	Minimum	Maximum
	<u>Number</u>	<u>Acres</u>	-----Dollars-----		
Northwest	335	46,543	1,132	194	11,111
North Central	97	9,181	1,851	450	5,657
Northeast	17	1,549	2,124	739	5,574
West Central	286	32,341	2,101	439	9,902
Central	360	29,578	3,361	600	14,945
East Central	135	8,544	3,341	488	14,962
Southwest	188	23,391	2,522	828	6,000
South Central	203	20,851	3,333	698	11,186
Southeast	141	14,917	3,960	1,420	13,375
Minnesota	1,762	186,895	2,591	194	14,945

1/ Transactions include Jan. 1, 2006, through Sept. 30, 2006.

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, 2003-2006 1/

State	2003	2004	2005	2006	Change 2005-2006
	-----Dollars Per Acre-----				Percent
MN	82.00	83.50	86.50	88.00	1.7
IA	122.00	126.00	131.00	133.00	1.5
ND	36.50	37.50	39.00	39.00	--
SD	45.00	47.50	50.40	53.00	5.2
WI	68.00	70.00	70.00	71.00	1.4
48 States 2/	73.00	76.50	78.00	79.00	1.3

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

2/ Excludes Alaska and Hawaii.

FARM INCOME AND EXPENSES: Minnesota, 2001-2005

Item	2001	2002	2003	2004	2005
	Thousand Dollars				
Value of crop production	3,180,714	4,354,098	4,306,238	5,037,264	4,668,533
Food grains	252,214	273,598	278,583	320,830	269,210
Feed crops	1,157,851	1,699,756	1,728,796	2,011,023	1,733,188
Oil crops	1,095,993	1,461,017	1,731,244	1,453,646	1,451,486
Fruits and tree nuts	13,565	13,299	15,185	15,305	15,296
Vegetables	239,269	248,882	262,178	238,398	261,595
All other crops	512,994	540,857	657,915	589,242	607,333
Home consumption	10,046	9,523	6,190	3,147	1,071
Value of inventory adjustment 1/	-101,217	107,166	-373,853	405,673	329,354
Value of livestock production	4,300,453	3,615,553	4,074,296	4,937,126	4,936,312
Meat animals	2,357,601	1,913,037	2,269,255	2,722,592	2,875,932
Dairy products	1,297,343	1,011,318	1,044,224	1,336,334	1,246,630
Poultry and eggs	628,775	642,895	705,437	811,627	783,306
Miscellaneous Livestock	52,762	60,004	60,788	59,076	56,883
Home consumption	3,696	3,654	4,711	7,053	10,146
Value of inventory adjustment 1/	-39,724	-15,355	-10,119	444	-36,585
Revenues from services and forestry	1,131,573	916,840	1,112,490	1,247,980	1,410,713
Machine hire and customwork	112,940	68,165	106,810	130,695	193,119
Forest products sold	6,610	6,610	6,610	6,610	6,610
Other farm income	452,789	248,816	330,247	392,106	414,349
Gross imputed rental value of farm dwellings	559,234	593,249	668,823	718,569	796,635
Value of agricultural sector production 2/	8,612,741	8,886,491	9,493,024	11,222,371	11,015,559
Purchased inputs	5,743,642	5,471,082	5,643,664	6,010,002	5,991,931
Farm origin	2,215,000	2,085,075	2,334,200	2,393,209	2,070,744
Feed purchased	1,217,769	1,103,459	1,300,000	1,220,000	920,000
Livestock and poultry purchased	431,011	373,396	434,200	493,209	480,744
Seed purchased	566,220	608,220	600,000	680,000	670,000
Manufactured inputs	1,396,734	1,392,736	1,442,573	1,727,131	1,739,214
Fertilizers and lime	483,384	467,812	550,000	640,000	650,000
Pesticides	438,304	435,545	440,000	450,000	460,000
Petroleum fuel and oils	350,599	334,466	312,717	472,291	493,857
Electricity	124,447	154,913	139,856	164,840	135,357
Other purchased inputs	2,131,908	1,993,271	1,866,891	1,889,662	2,181,973
Repair and maintenance of capital items	626,560	493,718	532,714	632,870	708,167
Machine hire and customwork	292,564	181,690	131,953	124,871	165,279
Marketing, storage, and transportation	208,211	273,907	244,429	191,833	186,410
Contract labor	21,782	16,760	15,854	21,642	21,492
Miscellaneous expenses	982,791	1,027,196	941,941	918,446	1,100,625
Net government transactions	855,104	122,774	507,757	402,184	1,027,668
Direct Government payments	1,242,506	476,885	789,475	704,614	1,387,725
Motor vehicle registration and licensing fees	18,093	15,742	21,718	22,430	40,057
Property taxes	369,309	338,369	260,000	280,000	320,000
Gross value added	3,724,202	3,538,183	4,357,117	5,614,553	6,051,296
Capital consumption	980,398	1,002,250	1,035,584	1,124,217	1,176,070
Net value added	2,743,804	2,535,933	3,321,533	4,490,336	4,875,226
Payments to stakeholders	1,714,939	1,727,229	1,586,663	1,732,430	1,816,535
Employee compensation (total hired labor)	529,774	561,047	484,146	528,358	478,508
Net rent received by nonoperator landlords	480,641	500,766	462,487	543,135	572,728
Real estate and nonreal estate interest	704,524	665,416	640,030	660,937	765,299
Net farm income	1,028,865	808,704	1,734,870	2,757,906	3,058,691

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, 2003-2005 1/

Commodity	2003		2004		2005	
	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	1,624,400	18.6	1,926,894	20.2	1,634,820	17.6
Hay	76,289	0.9	67,468	0.7	84,276	0.9
Oats	9,211	0.1	8,584	0.1	7,389	0.1
Barley	18,896	0.2	8,077	0.1	6,703	0.1
Food Grains						
Wheat	277,579	3.2	319,439	3.3	268,194	2.9
Oil Crops						
Soybeans	1,709,471	19.5	1,428,773	14.9	1,428,120	15.4
Sunflowers	12,071	0.1	17,116	0.2	19,152	0.2
Vegetable Crops						
Potatoes	99,394	1.1	98,825	1.0	93,032	1.0
Sweet Corn (processed)	60,563	0.7	64,887	0.7	69,945	0.8
Green Peas (processed)	45,524	0.5	30,579	0.3	40,325	0.4
Misc. Vegetables	11,600	0.1	11,600	0.1	12,117	0.1
Other Crops						
Sugarbeets	443,414	5.1	371,309	3.9	371,309	4.0
Other Greenhouse	96,500	1.1	102,600	1.1	104,600	1.1
Floriculture	89,737	1.0	87,784	0.9	103,626	1.1
Dry Beans	40,471	0.5	30,503	0.3	41,317	0.4
Apples	8,885	0.1	9,005	0.1	8,996	0.1
Other Crops, Fruits & Vegetables 3/	49,898	0.6	45,002	0.5	44,186	0.5
Total Crops	4,673,903	53.4	4,628,445	48.4	4,338,107	46.6
LIVESTOCK AND PRODUCTS						
Meat Animals						
Hogs	1,266,668	14.5	1,730,583	18.1	1,820,313	19.6
Cattle & Calves	989,430	11.3	978,693	10.2	1,040,408	11.2
Sheep & Lambs	13,157	0.2	13,316	0.1	15,211	0.2
Dairy Products						
Milk, Wholesale	1,044,224	11.9	1,336,334	14.0	1,246,630	13.4
Poultry & Eggs						
Turkeys	425,250	4.9	515,592	5.4	540,675	5.8
Broilers	77,690	0.9	101,860	1.1	98,814	1.1
Chicken Eggs	149,381	1.7	142,183	1.5	90,899	1.0
Other Livestock Products						
Honey	14,342	0.2	10,530	0.1	7,370	0.1
Miscellaneous Livestock & Products 4/	99,562	1.1	100,538	1.1	102,431	1.1
Total Livestock	4,079,704	46.6	4,929,629	51.6	4,962,751	53.4
TOTAL ALL CROPS AND LIVESTOCK	8,753,606	100.0	9,558,075	100.0	9,300,858	100.0

1/ The years 2003 and 2004 were revised on August 2, 2006.

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, 2004-2005 1/

Item	Rural Residence Farms		Intermediate Farms		Commercial Farms	
	2004	2005	2004	2005	2004	2005
	<i>Dollars per Farm</i>					
Farm Assets	419,183	504,788	853,898	945,606	1,915,826	2,123,308
Current Assets	17,700	23,780	98,191	88,409	303,292	395,077
Livestock Inventory	2,994	3,320	16,692	10,527	60,559	52,955
Crop Inventory	4,494	5,573	39,141	35,290	121,449	158,020
Purchased Inputs	608	1,189	7,868	5,044	21,658	28,509
Cash invested in growing crops	104 2/	37 2/	3/	1,482	6,362	11,166
Prepaid Insurance	322	271	1,150	1,131	3,745	4,266
Other Assets 4/	9,178	13,390	30,566	34,935	89,520	140,161
Non-current Assets	401,483	481,008	755,708	857,197	1,612,534	1,728,231
Investment in Cooperatives	1,099	995	3/	8,431	52,007	55,745
Land and Buildings 5/	358,427	431,775	543,169	706,258	1,233,276	1,243,939
Operators' Dwelling	86,463	124,709	87,549	122,551	103,354	103,863
Farm Equipment	37,237	40,701	120,695	114,694	278,252	363,014
Breeding Animals	4,720	7,538	17,956	27,814	49,000	65,533
Farm Liabilities	35,353	40,285	94,050	107,449	371,795	394,776
Current Liabilities	7,500	7,324	26,610	28,811	132,169	150,085
Notes payable within one year	2,761	2,040	9,092	12,110	74,574	79,007
Current portion of term debt	3,002	3,347	10,789	10,283	32,716	37,357
Accrued Interest	1,009	1,150	2,620	3,031	10,408	10,832
Accounts Payable	728	786	4,109	3,386	14,470	22,889
Noncurrent Liabilities	27,853	32,961	67,440	78,638	239,626	244,691
Nonreal Estate	2,926	2,617	21,560	15,693	53,497	70,872
Real Estate	24,927	30,344	45,880	62,946	186,129	173,819
Farm Equity	383,830	464,503	759,849	838,157	1,544,031	1,728,532

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

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

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

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.

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

Last updated: April 2007.



Crop Prices Received by Farmers

The 2006 Minnesota marketing year average price for corn rose \$1.29 per bushel from 2005, while the soybean market year average price increased \$0.42. The all wheat market year average price increased \$0.89, and the all hay market year average price increased \$2.50 per ton.

The marketing year average price for all sunflowers was \$16.20 per cwt., compared to \$16.80 per cwt. the previous year. The dry edible bean marketing year average price was \$22.90 per cwt., up from \$20.10 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, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	<u>Dollars per Bushel</u>			
September	5.82	6.00	5.75	5.07
October	6.25	5.90	5.70	5.30
November	6.98	5.71	5.56	5.89
December	7.07	5.55	5.65	5.95
January	7.53	5.53	5.68	6.11
February	8.16	5.45	5.45	6.69
March	9.06	5.96	5.39	6.75
April	9.66	6.13	5.34	6.76
May	9.64	6.26	5.51	6.97
June	9.18	6.49	5.46	
July	8.38	6.45	5.43	
August	6.93	6.11	5.09	
Marketing Year Average Price 1/	7.26	5.90	5.53	5.95

Sunflowers: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	<u>Dollars per Cwt.</u>			
September	2/	13.80	16.90	16.20
October	14.20	15.90	17.80	13.40
November	13.20	15.80	16.90	14.50
December	13.50	16.80	18.20	15.10
January	13.10	16.30	13.50	15.20
February	14.00	16.70	15.30	16.00
March	2/	17.70	16.40	16.50
April	14.90	19.10	17.80	17.30
May	15.30	17.00	18.60	16.90
June	15.90	2/	16.60	
July	14.30	2/	16.80	
August	15.80	2/	14.70	
Marketing Year Average Price 1/	14.20	16.70	16.80	16.20

Corn: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	<u>Dollars per Bushel</u>			
October	1.99	2.13	1.69	2.35
November	2.07	2.03	1.63	2.66
December	2.17	1.93	1.72	2.81
January	2.28	1.94	1.79	2.94
February	2.37	1.86	1.83	3.25
March	2.57	1.92	1.85	3.16
April	2.75	1.90	1.90	3.14
May	2.68	1.90	1.95	3.22
June	2.64	1.95	1.93	
July	2.47	1.97	1.97	
August	2.27	1.82	1.93	
September	2.17	1.71	1.96	
Marketing Year Average Price 1/	2.35	1.94	1.86	3.15

Dry Edible Beans: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	<u>Dollars per Cwt.</u>			
September	17.60	23.40	18.80	22.60
October	20.10	26.40	21.70	22.70
November	21.20	24.40	20.80	23.00
December	17.10	28.20	19.00	24.00
January	21.00	27.80	2/	24.70
February	19.80	28.20	2/	24.90
March	18.70	26.60	16.90	24.10
April	19.10	2/	14.90	25.80
May	20.10	26.10	13.60	26.80
June	19.00	2/	21.50	
July	19.10	2/	2/	
August	19.60	2/	21.30	
Marketing Year Average Price 1/	18.60	26.50	20.10	22.90

Potatoes: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	<u>Dollars per Cwt.</u>			
July	4.55	4.75	4.85	6.15
August	5.90	6.15	9.60	8.60
September	4.90	6.15	7.35	7.05
October	5.00	5.65	6.65	6.25
November	4.90	5.70	6.25	6.00
December	5.15	5.55	6.40	6.45
January	5.15	5.75	5.95	5.70
February	5.05	5.55	6.45	5.65
March	5.05	5.75	6.00	5.70
April	5.15	5.00	6.00	5.85
May	4.95	4.85	5.80	5.60
June	4.70	4.75	5.20	
Marketing Year Average Price 1/	5.05	5.45	6.45	6.30

1/ Data for 2006-07 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, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	Dollars per Bushel			
July	3.42	3.61	3.21	4.38
August	3.51	3.23	3.20	4.20
September	3.43	3.29	3.50	4.22
October	3.55	3.17	3.49	4.54
November	3.61	3.34	3.59	4.51
December	3.69	3.31	3.64	4.44
January	3.75	3.35	3.70	4.57
February	3.82	3.30	3.89	4.75
March	3.76	3.42	3.85	4.79
April	3.97	3.29	3.99	4.89
May	3.94	3.37	4.04	4.97
June	3.84	3.26	4.24	
Marketing Year				
Average Price 1/	3.66	3.32	3.66	4.55

All Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	Dollars per Ton			
June	68.00	68.00	73.00	71.00
July	64.00	65.00	69.00	64.00
August	68.00	61.00	67.00	72.00
September	66.00	68.00	64.00	66.00
October	62.00	62.00	65.00	70.00
November	69.00	72.00	76.00	74.00
December	70.00	71.00	73.00	79.00
January	67.00	73.00	71.00	83.00
February	67.00	77.00	68.00	89.00
March	66.00	70.00	68.00	90.00
April	66.00	63.00	68.00	93.00
May	67.00	73.00	66.00	103.00
Marketing Year				
Average Price 1/	66.50	68.50	69.50	72.00

Barley: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	Dollars per Bushel			
July	2.35	2.45	1.96	1.91
August	2.29	1.99	2/	2.15
September	2.35	1.64	2/	2.51
October	2/	1.86	2/	2.52
November	2.65	2.31	2/	2.66
December	2/	2.03	2/	2.64
January	2/	2.56	2/	2.66
February	2/	2/	2/	2.95
March	2/	2.41	1.91	3.06
April	2/	1.94	2/	2.85
May	2/	2/	2/	3.22
June	2/	2/	2/	
Marketing Year				
Average Price 1/	2.52	2.22	2.01	2.60

Alfalfa Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	Dollars per Ton			
June	71.00	74.00	76.00	76.00
July	70.00	71.00	73.00	72.00
August	75.00	70.00	72.00	75.00
September	73.00	76.00	68.00	70.00
October	72.00	75.00	74.00	75.00
November	72.00	76.00	79.00	75.00
December	73.00	75.00	75.00	81.00
January	72.00	79.00	74.00	86.00
February	70.00	81.00	69.00	90.00
March	68.00	74.00	70.00	91.00
April	70.00	68.00	71.00	94.00
May	68.00	75.00	68.00	104.00
Marketing Year				
Average Price 1/	71.00	74.50	73.00	76.50

Oats: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	Dollars per Bushel			
July	1.35	1.31	1.44	1.69
August	1.25	1.21	1.40	1.73
September	1.30	1.33	1.46	1.69
October	1.34	1.33	1.38	1.88
November	1.32	1.26	1.41	2.14
December	1.43	1.45	1.50	2.14
January	1.47	1.45	1.59	2.12
February	1.49	1.42	1.59	2.20
March	1.67	1.55	1.56	2.34
April	1.61	1.47	1.55	2.56
May	1.65	1.41	1.59	2.58
June	1.58	1.47	1.69	
Marketing Year				
Average Price 1/	1.39	1.31	1.47	1.85

All Other Hay, Baled: Prices Received by Farmers by Month, Minnesota, 2003-2007

Month	2003-04	2004-05	2005-06	2006-07
	Dollars per Ton			
June	55.00	50.00	53.00	53.00
July	54.00	52.00	53.00	49.00
August	58.00	48.00	48.00	59.00
September	52.00	51.00	46.00	48.00
October	53.00	49.00	47.00	57.00
November	55.00	52.00	53.00	61.00
December	54.00	55.00	51.00	61.00
January	53.00	56.00	51.00	60.00
February	51.00	54.00	47.00	67.00
March	53.00	51.00	45.00	75.00
April	51.00	45.00	44.00	80.00
May	48.00	50.00	45.00	86.00
Marketing Year				
Average Price 1/	54.00	51.00	49.50	54.50

1/ Data for 2006-07 are preliminary.

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

Corn: Percent Marketed by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Percent			
October	12	12	10	8
November	18	7	16	10
December	9	7	10	7
January	10	10	10	7
February	6	7	8	5
March	6	6	8	4
April	6	5	5	5
May	8	4	7	5
June	6	14	7	13
July	7	12	8	14
August	7	9	6	12
September	5	7	5	10

Soybeans: Percent Marketed by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Percent			
September	7	13	3	7
October	18	27	19	18
November	11	7	7	6
December	10	9	10	12
January	12	11	9	8
February	9	8	11	5
March	7	7	13	6
April	7	4	5	6
May	6	4	5	7
June	5	3	8	8
July	5	5	5	10
August	3	2	5	7

All Wheat: Percent Marketed by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Percent			
July	15	7	6	7
August	24	21	13	10
September	13	7	10	10
October	4	5	6	7
November	4	5	7	7
December	12	11	8	17
January	5	11	10	8
February	3	12	12	7
March	5	9	11	7
April	4	4	5	9
May	5	3	4	5
June	6	5	8	6

Oats: Percent Marketed by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Percent			
July	18	24	14	24
August	50	30	44	26
September	5	8	7	7
October	2	2	5	6
November	2	3	1	5
December	2	3	2	6
January	4	5	3	4
February	3	4	5	4
March	3	5	4	5
April	5	3	5	4
May	4	7	2	4
June	2	6	8	5

Barley: Percent Marketed by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Percent			
July	5	14	14	6
August	4	15	17	20
September	3	6	4	5
October	9	14	2	6
November	2	3	8	7
December	5	5	11	13
January	40	8	12	18
February	10	9	10	7
March	11	9	8	5
April	8	4	5	7
May	2	5	4	4
June	1	8	5	2

Dry Edible Beans: Percent Marketed by Month, Minnesota, 2002-2006

Month	2002-03	2003-04	2004-05	2005-06
	Percent			
September	22	46	7	33
October	18	16	28	34
November	4	2	14	6
December	17	8	21	4
January	8	4	10	8
February	1	4	4	1
March	7	5	10	2
April	2	1	2	4
May	2	2	1	1
June	9	1	1	2
July	4	5	1	3
August	6	6	1	2

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

LIVESTOCK, DAIRY, AND POULTRY PRICES

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 2006 Minnesota annual average prices for meat animals were generally lower in 2006 than in 2005. Beef cattle were down \$1.90 per hundredweight and steers and heifers were down \$1.60. Cows decreased \$4.10 and calves were down \$4.00. All hogs decreased \$3.50 and barrows and gilts decreased \$3.40 while sows were down \$8.50. Sheep were down \$9.20 and lambs were down \$16.40. All milk and grade A fluid milk were \$13.00 and manufacturing milk was \$11.20 per 100 pounds. Milk cows for dairy herd replacement were unchanged, at \$1,700 per head. Turkeys were 47 cents per pound, up 2 cents from the previous year, and table market eggs, at 40 cents per dozen, were up 7 cents.

PRICES RECEIVED BY FARMERS FOR LIVESTOCK, DAIRY, AND POULTRY By Month, Minnesota, 2002-2006

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
Beef Cattle 1/													
<u>Dollars per Cwt.</u>													
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
2006	80.60	81.50	79.00	75.80	73.90	75.10	76.20	77.50	80.60	78.40	74.80	74.00	77.20
Steers and Heifers													
<u>Dollars per Cwt.</u>													
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
2006	88.80	87.30	84.70	81.70	78.90	80.00	80.70	81.80	86.20	84.30	82.90	82.60	83.00
Cows 2/													
<u>Dollars per Cwt.</u>													
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
2006	49.80	53.40	53.00	52.00	51.00	51.20	50.90	51.00	51.40	49.70	46.60	46.50	50.40
Calves													
<u>Dollars per Cwt.</u>													
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
2006	138.00	134.00	135.00	135.00	136.00	132.00	124.00	124.00	133.00	125.00	114.00	116.00	129.00

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, 2002-2006 (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>													
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
2006	41.50	42.90	43.00	41.30	49.20	55.40	51.80	53.00	51.30	48.10	46.80	44.60	47.20
Barrows and Gilts 1/													
<u>Dollars per Cwt.</u>													
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
2006	41.70	43.10	43.10	41.40	49.40	55.60	51.90	53.20	51.50	48.20	46.90	44.70	47.40
Sows 1/													
<u>Dollars per Cwt.</u>													
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
2006	33.00	31.40	34.00	28.60	30.50	34.10	32.50	36.50	36.70	37.50	35.00	37.50	34.20
Sheep													
<u>Dollars per Cwt.</u>													
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
2006	41.50	37.50	34.00	29.00	30.00	30.00	26.00	23.70	30.00	29.00	30.50	32.00	31.40
Lambs													
<u>Dollars per Cwt.</u>													
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
2006	84.80	82.50	78.60	77.20	90.80	98.70	95.30	91.20	99.00	97.00	94.00	89.60	89.60

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 LIVESTOCK, DAIRY, AND POULTRY
By Month, Minnesota, 2002-2006 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average Price
All Milk													
<u>Dollars per Cwt.</u>													
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
2006	14.30	13.30	12.20	11.90	11.90	12.00	11.60	11.80	13.30	13.90	14.50	14.90	13.00
Fluid Grade Milk													
<u>Dollars per Cwt.</u>													
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
2006	14.40	13.40	12.30	12.00	12.00	12.00	11.70	11.90	13.40	13.90	14.50	14.90	13.00
Manufacturing Grade Milk													
<u>Dollars per Cwt.</u>													
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
2006	12.70	11.60	10.60	10.10	10.10	10.50	9.70	10.00	11.70	12.30	13.10	13.50	11.20
Milk Cows 1/													
<u>Dollars per Head</u>													
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
2006	1,790	--	--	1,780	--	--	1,660	--	--	1,580	--	--	1,700
Table Market Eggs 2/													
<u>Cents per Dozen</u>													
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
2006	41	25	50	32	25	38	24	41	38	38	73	74	40

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.

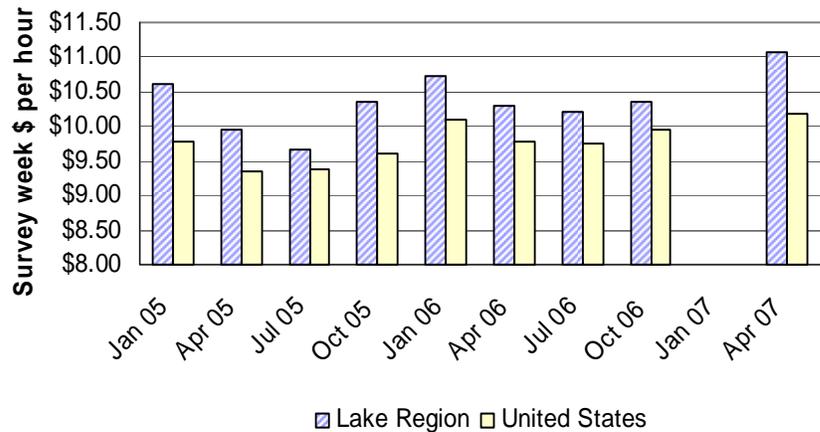


FARM LABOR

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, 2002-2006 1/

Year	All Hired	Field	Field & Livestock
	Dollars per Hour		
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	10.50
2006	11.07	10.16	10.21

1/ Excludes Agricultural Service Workers.

FARM LABOR: Farm Workers and Wages by Type of Work, Lake Region, 2005-2007 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-----			
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
July	68	44	24	38.4	10.22	9.37	9.72	9.50
October	57	36	21	39.4	10.35	9.89	9.61	9.80
2007								
January 2/								
April	56	44	12	38.0	11.08	10.11	9.99	10.05

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

2/ January Agricultural Labor Survey not conducted due to budget constraints.

MINNESOTA FERTILIZER USAGE

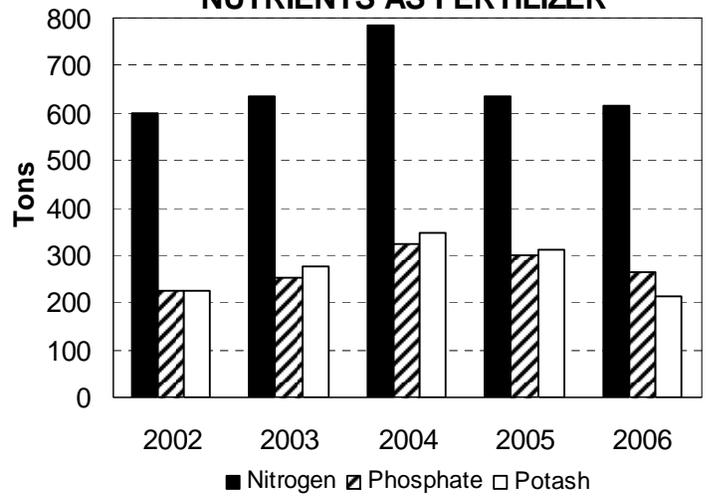
Minnesota fertilizer consumption totaled 2.1 million tons for the year ending June 30, 2006, a decrease of 12 percent from the previous year.

Usage of the primary nutrients is shown on the chart; nitrogen decreased 3 percent from 2005, phosphate (P_2O_5) usage decreased 12 percent, and potash (K_2O) usage decreased 31 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



2006 SOYBEAN CHEMICAL USAGE

Nineteen states were included in the 2006 survey: Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Carolina, North Dakota, Ohio, South Dakota, Tennessee, Virginia, and Wisconsin. Nitrogen was applied to 18 percent of the 2006 soybean planted acres in the Program States at an average rate of 16 pounds per acre per year. Phosphate was applied to 23 percent of the planted acres, at an average rate of 46 pounds per acre. An average of 80 pounds per acre of Potash was applied to 25 percent of the planted acreage. Sulfur was applied to 3 percent of the planted acres at an average rate of 11 pounds per acre.

Herbicides were applied to 98 percent of the soybean planted acreage in 2006 in the 19 Program States. Glyphosate isopropylamine salt was the most widely applied herbicide with 92 percent of planted acres treated at an average rate of 1.330 pounds per acres per crop year.

Insecticides were applied to 16 percent of the 2006 soybean planted acreage. The three most common, Lambda-cyhalothrin, Chlorpyrifos, and Esfenvalerate, were applied to 6, 5, and 3 percent of the planted acres, respectively.

SOYBEANS: Fertilizer Use by State, 2006 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.
	1,000 Acres								
IL	10,100	11	18.1	16	96.0	31	290.2	2/	2/
IN	5,700	16	15.2	20	54.6	32	177.4	2/	2/
IA	10,150	7	10.8	12	64.4	20	172.6	1	0.9
MN	7,350	16	15.3	18	53.2	16	57.4	2/	2/
ND	3,900	43	22.6	42	58.3	3	1.9	2/	2/
SD	3,950	29	19.7	31	49.4	8	8.6	2/	2/
WI	1,650	31	7.4	33	18.0	55	74.2	10	2.3
Total 1/	72,880	18	212.4	23	772.8	25	1,454.7	3	20.0

1/ Refers to the 19 major soybean states: AR, IL, IN, IA, KS, KY, LA, MI, MN, MS, MO, NE, NC, ND, OH, SD, TN, VA and WI.

2/ Insufficient reports to publish data for the fertilizer primary nutrient.

SOYBEANS: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2006 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					
Clethodim	3	1.0	0.058	0.058	15
Glyphosate	5	1.5	0.671	1.005	341
Glyphosate iso. Salt	93	1.6	0.797	1.300	8,935
Trifluralin	2	1.0	0.631	0.631	90
Insecticides					
Chlorpyrifos	23	1.0	0.465	0.484	832
Esfenvalerate	8	1.1	0.033	0.037	23
Lambda-cyhalothrin	24	1.1	0.020	0.022	38

1/ Planted acreage in 2006 for Minnesota was 7.4 million acres.

2006 OTHER SPRING WHEAT CHEMICAL USAGE

Six states were included in the 2006 survey for Other Spring Wheat: Idaho, Minnesota, Montana, North Dakota, South Dakota, and Washington. Nitrogen applications averaged 72 pounds per acre per crop year to 95 percent of these States' planted acres. An average of 32 pounds per acre per year of phosphate was applied to 85 percent of the other spring wheat planted acres in the Program States. Potash was applied to 27 percent of the planted acreage at an average of 18 pounds per acre per year in the Program States. Sulfur was applied on 13 percent of the acres planted at an average application rate of 13 pounds per acre per year.

Herbicides were applied to 93 percent of the Program State planted acreage. MCPA, 2-ethylhexyl was the most commonly applied herbicide with 40 percent of the planted acres receiving one application. It was applied at an average rate of 0.281 pounds per acre per year. Bromoxynil octanoate was applied to 32 percent of the planted acres at an average rate of 0.241 pounds per acre per year. Glyphosate isopropylamine salt was used on 30 percent of all planted acres at an average rate of 0.624 pounds per acre per year.

OTHER SPRING WHEAT: Fertilizer Use by State, 2006 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.
ID	490	96	60.7	56	9.5	25	3.5	59	8.5
MN	1,700	99	148.5	97	64.0	72	31.6	2	0.4
MT	2,950	86	129.5	81	57.7	21	9.0	10	2.5
ND	7,300	99	504.6	88	202.2	21	13.0	11	4.3
SD	1,850	90	119.4	80	55.6	22	11.9	10	3.5
WA	430	100	43.6	60	4.7	9	1.6	89	6.4
Total 1/	14,720	95	1,006.2	85	393.7	27	70.4	13	25.7

1/ Refers to the 6 major Other Spring Wheat producing states: ID, MN, MT, ND, SD, and WA.

OTHER SPRING WHEAT: Frequency and Extent of Usage by Active Ingredient, Minnesota, 2006 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					
2, 4-D, 2-EHE	10	1.0	0.381	0.381	64
Bromoxynil heptanoate	36	1.0	0.235	0.235	144
Bromoxynil octanoate	65	1.0	0.232	0.232	257
Clopyralid	8	1.0	0.080	0.080	10
Fenoxaprop-p-ethyl	29	1.0	0.075	0.075	37
Flucarbazone-sodium	13	1.0	0.021	0.021	5
Fluroxypyr 1-MHE	7	1.0	0.087	0.087	11
MCPA, 2-ethylhexyl	72	1.0	0.254	0.254	310
MCPA, dimethyl. salt	4	1.0	0.388	0.388	27
Pinoxaden	6	1.0	0.088	0.088	9
Thifensulfuron	11	1.0	0.011	0.011	2
Tribenuron-methyl	9	1.0	0.004	0.004	1
Fungicides					
Propiconazole	9	1.1	0.065	0.074	11
Pyraclostrobin	24	1.0	0.052	0.052	21
Tebuconazole	9	1.0	0.085	0.085	13

1/ Planted acreage in 2006 for Minnesota was 1.7 million acres.

**CORN AND SOYBEANS: Production Costs and Returns,
Heartland Region, Excluding Government Payments, 2004-2005 1/ 2/**

Item	Corn		Soybeans	
	2004	2005	2004	2005
	<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	375.31	286.30	272.08	282.09
Operating Costs				
Seed	37.05	39.72	29.56	32.59
Fertilizer, lime, and gypsum	48.90	58.59	7.59	9.55
Soil conditioners	0.10	0.10	0.10	0.09
Manure	1.74	2.10	0.51	0.62
Chemicals	27.11	27.18	16.61	14.00
Custom operations 3/	10.53	10.76	5.53	5.75
Fuel, lube, and electricity	25.41	30.19	7.72	11.14
Repairs	13.82	14.36	9.64	10.08
Interest on operating capital	1.26	3.08	0.61	1.41
Total operating cost	165.92	186.08	77.87	85.23
Allocated overhead				
Hired labor	2.30	2.37	1.27	1.29
Opportunity cost of unpaid labor	24.28	24.58	15.14	15.63
Capital recovery of machinery and equipment	58.11	60.39	44.92	46.99
Opportunity cost of land (rental rate)	103.58	106.90	98.97	102.09
Taxes and insurance	5.24	5.45	5.95	6.15
General farm overhead	11.17	11.61	12.35	12.97
Total allocated overhead	204.68	211.30	178.60	185.12
Total cost listed	370.60	397.38	256.47	270.35
Value of production less total costs listed	4.71	-111.08	15.61	11.74
Value of production less operating costs	209.39	100.22	194.21	196.86
Supporting information				
Yield (bu./planted acre)	178	161	49	49
Price (dollars per bushel at harvest)	2.10	1.77	5.58	5.70
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,
Excluding Government Payments, 1998-2005 1/ 2/**

Item	1998	1999	2000	2001	2002	2003	2004	2005
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Wheat	100.10	85.49	83.98	77.94	80.59	124.20	141.44	114.31
Wheat straw	1.74	1.42	1.67	1.85	2.39	2.07	2.38	2.42
Total, gross value of production	101.84	86.91	85.65	79.79	82.98	126.27	143.82	116.73
Cash expenses								
Seed	7.64	6.36	6.19	6.34	6.33	7.89	8.06	8.47
Fertilizer, lime, and gypsum	14.78	13.46	13.91	19.66	14.40	19.74	19.41	22.39
Chemicals	10.61	10.28	10.15	10.14	10.09	10.02	14.26	14.26
Custom operations	4.04	3.82	4.00	3.77	3.13	4.68	6.80	6.80
Fuel, lube, and electricity	4.25	4.16	6.06	6.03	5.22	7.02	6.28	8.72
Repairs	8.10	8.85	9.85	9.66	9.57	10.38	9.89	10.30
Hired Labor	1.45	1.48	1.60	1.67	1.70	1.80	1.80	1.86
Other variable cash expenses 3/	0.16	0.16	0.16	0.17	0.17	0.18	0.10	0.10
Total, variable cash expenses	51.03	48.57	51.92	57.44	50.61	61.71	66.60	72.90
General farm overhead	6.32	6.42	6.49	6.76	6.97	7.16	9.00	9.46
Taxes and insurance	3.76	3.81	3.85	3.95	3.99	4.08	6.88	6.94
Interest on operating inputs	1.19	1.11	1.45	0.94	0.41	0.32	1.10	1.21
Total, fixed cash expenses	11.27	11.34	11.79	11.65	11.37	11.56	16.98	17.61
Total, cash expenses	62.04	59.91	63.71	69.09	61.98	73.27	83.58	90.51
Gross value of production less cash expenses listed	39.80	27.00	21.94	10.70	21.00	53.00	60.24	26.22
Harvest-period price (dollars/bu.)	2.91	2.68	2.50	2.66	3.55	3.29	3.40	3.22
Yield (bu./planted acre)	34.40	31.90	33.60	29.30	22.70	37.80	41.60	35.50

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,
Excluding Government Payments, 1998-2005 1/ 2/**

Item	1998	1999	2000	2001	2002	2003	2004	2005
	<u>Dollars per Planted Acre</u>							
Gross value of production (excluding direct Government payments)								
Barley	79.90	73.27	68.82	75.98	69.85	154.25	137.39	102.03
Barley straw	2.07	1.79	2.02	2.07	2.33	4.13	4.33	4.41
Total, gross value of production	81.97	75.09	70.84	78.05	72.18	158.38	141.72	106.44
Cash expenses								
Seed	6.30	5.73	5.84	5.84	5.81	8.21	7.89	7.88
Fertilizer, lime, and gypsum	14.49	13.52	13.80	18.15	14.16	16.43	17.45	20.13
Chemicals	8.11	8.14	7.77	7.93	7.88	12.16	12.16	12.16
Custom operations	3.49	3.68	3.64	3.77	3.72	6.13	6.18	6.18
Fuel, lube, and electricity	7.55	7.72	10.28	8.92	8.30	7.76	9.03	12.54
Repairs	14.08	14.25	14.91	15.02	14.58	14.24	14.56	15.17
Hired Labor	4.50	4.65	4.88	5.23	5.18	1.97	2.02	2.08
Other variable cash expenses 3/	1.06	1.32	1.14	1.32	1.19	0.69	0.70	0.72
Total, variable cash expenses	59.58	59.01	62.26	66.18	60.82	67.59	69.99	76.86
General farm overhead	6.07	5.77	5.82	6.01	6.15	8.10	8.28	8.70
Taxes and insurance	11.14	10.39	10.70	10.70	10.89	6.77	6.88	6.94
Interest on operating inputs 4/	11.33	11.40	11.40	12.15	10.84	0.35	0.54	1.27
Total, fixed cash expenses	28.54	27.56	27.92	28.86	27.88	15.22	15.70	16.91
Total, cash expenses	88.12	86.57	90.18	95.04	88.70	82.81	85.69	93.77
Gross value of production less cash expenses listed	-6.15	-11.51	-19.34	-16.99	-16.52	75.57	56.03	12.67
Harvest-period price (dollars/bu.)	1.69	1.73	1.59	1.83	2.14	2.82	2.48	1.90
Yield (bu./planted acre)	47.28	42.35	43.28	41.52	32.64	54.70	55.40	53.70

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,
Excluding Government Payments, 1998-2005 1/**

Item	1998	1999	2000	2001	2002	2003	2004	2005
	Dollars per Planted Acre							
Gross value of production (excluding direct Government payments)								
Oats	64.03	68.26	69.90	85.42	103.02	119.02	94.43	104.71
Oats straw	44.21	45.34	46.48	48.18	48.77	49.35	49.89	50.50
Total, gross value of production	108.24	113.60	116.38	133.60	151.79	168.37	144.32	155.21
Cash expenses								
Seed	9.72	9.02	8.30	8.23	8.11	10.53	9.96	10.14
Fertilizer, lime, and gypsum	19.10	17.90	18.24	21.16	18.39	20.14	22.09	27.42
Chemicals	1.27	1.26	1.25	1.27	1.28	1.29	1.28	1.35
Custom operations 2/	5.73	5.75	5.76	5.82	5.78	5.80	5.83	6.11
Fuel, lube, and electricity	3.54	3.72	5.52	5.19	4.53	6.28	7.30	7.30
Repairs	7.10	6.70	6.57	6.69	6.77	6.80	7.38	7.52
Hired Labor	1.91	2.00	2.18	2.17	2.31	2.57	2.49	2.59
Other variable cash expenses 3/	1.63	1.67	1.71	1.78	1.80	1.82	1.84	1.86
Total, variable cash expenses	50.00	48.02	49.53	52.31	48.97	55.23	58.17	64.29
General farm overhead	5.01	5.08	5.21	5.38	5.50	5.63	5.76	6.05
Taxes and insurance	19.58	20.15	21.16	21.54	21.32	21.76	21.98	22.92
Interest	6.50	6.13	6.48	6.60	6.02	6.02	5.96	6.31
Total, fixed cash expenses	31.09	31.36	32.85	33.52	32.84	33.41	33.70	34.34
Total, cash expenses	81.09	79.38	82.38	85.83	81.81	88.64	91.87	98.63
Gross value of production less cash expenses listed	27.15	34.22	34.00	47.77	69.98	79.73	52.45	56.58
Harvest-period price (dollars/bu.)	1.09	1.10	1.02	1.32	1.67	1.67	1.41	1.61
Yield (bu./planted acre)	58.74	62.05	68.53	64.71	61.69	71.27	66.97	65.04

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,
Excluding Government Payments, 1998-2005 1/**

Item	1998	1999	2000	2001	2002	2003	2004	2005
	Dollars per Planted Acre							
Gross value of production								
Beets – gross value of production	733.42	739.11	723.06	752.49	721.69	911.27	759.13	773.79
Cash expenses								
Seed	46.39	45.55	44.89	45.01	48.02	48.02	51.67	52.75
Fertilizer	35.68	33.83	28.74	37.21	29.79	36.96	39.10	45.09
Chemicals	71.43	70.62	109.03	109.80	109.72	109.60	108.30	109.20
Custom operations	25.78	24.79	23.49	23.02	23.53	24.81	24.73	25.53
Fuel, lube, and electricity	18.43	19.18	24.86	24.55	23.07	24.40	28.03	38.93
Repairs	33.53	34.38	32.52	34.59	37.00	38.59	38.93	40.56
Hired Labor	86.06	84.88	51.76	55.21	55.95	58.44	61.89	63.82
Purchased irrigation water	0.05	0.04	0.06	0.06	0.06	0.06	0.07	0.07
Freight and dirt hauling charges	11.25	10.85	13.62	13.91	13.88	15.08	15.54	17.79
Miscellaneous 2/	15.71	15.77	13.30	13.75	13.65	14.39	15.14	16.18
Hauling allowance (-)	-10.75	-10.36	-10.34	-10.44	-10.45	-10.45	-10.45	-11.17
Total, variable cash expenses	335.56	329.53	331.93	346.67	344.22	359.90	372.95	398.75
General farm overhead	28.98	29.48	27.55	28.30	28.92	29.58	30.24	31.79
Taxes and insurance	40.39	40.76	14.57	12.59	12.84	13.13	13.43	13.54
Interest	48.63	49.59	8.38	4.96	2.44	1.60	2.54	5.88
Total, fixed cash expenses	118.00	119.83	50.50	45.85	44.20	44.31	46.21	51.21
Total, cash expenses	451.56	449.36	382.43	392.52	388.42	404.21	419.16	449.96
Gross value of production less cash expenses listed	281.86	289.75	340.63	366.97	333.27	507.06	339.97	323.83
Season-average price (dollars/ton) 3/	35.21	37.16	35.10	42.27	39.01	44.89	38.34	41.30
Yield (net tons/planted acre)	20.83	19.89	20.60	17.80	18.50	20.30	19.80	18.74

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 2005 were held at the U.S. level because State prices for 2005 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, Farrow-to-Weanling, Costs and Returns, Heartland Region, 2005 1/**

Item	All Hog Producers	Farrow to Finish	Farrow to Feeder 2/	Feeder Pig To Finish	Farrow to Weanling
	<u>Dollars per Cwt Gain 3/</u>				
Gross value of production					
Market hogs	50.94	48.84	0.35	58.77	0.00
Feeder pigs	16.50	0.77	113.66	0.02	249.53
Cull stock	0.70	2.04	6.41	0.00	13.51
Breeding stock	0.05	0.16	0.12	0.01	1.09
Inventory change	0.05	0.28	-0.08	0.00	-0.48
Other income 4/	2.30	2.05	1.63	2.40	3.92
Total gross value of production	70.54	54.14	122.09	61.20	267.57
Operating costs					
Feed					
Grain	2.75	7.22	2.16	1.73	3.12
Protein sources	2.28	6.10	1.71	1.34	3.96
Complete mixes	11.53	5.55	45.23	10.80	41.13
Other feed items 5/	0.10	0.24	0.23	0.07	0.03
Total feed costs	16.66	19.11	49.33	13.94	48.24
Other					
Feeder pigs	21.47	0.14	0.00	21.32	0.11
Veterinary and medicine	0.97	1.45	4.81	0.58	4.11
Bedding and litter	0.02	0.03	0.31	0.01	0.08
Marketing	0.72	0.40	2.06	0.47	6.39
Custom services	0.28	0.29	0.94	0.25	1.01
Fuel, lube, and electricity	1.22	1.91	4.91	0.82	9.85
Repairs	0.70	1.05	2.03	0.48	5.30
Interest on operating capital	0.71	0.41	1.09	0.64	1.27
Total operating costs	42.75	24.79	65.48	38.51	76.36
Allocated overhead					
Hired labor	1.66	3.32	9.54	0.52	25.03
Opportunity cost of unpaid labor	3.22	6.01	11.29	2.19	12.91
Capital recovery of machinery and equipment 6/	7.01	10.13	24.00	4.27	46.49
Opportunity cost of land (rental rate)	0.03	0.06	0.10	0.02	0.16
Taxes and insurance	0.51	0.75	1.76	0.38	2.82
General farm overhead	1.21	1.37	6.55	0.78	12.77
Total, allocated overhead	13.64	21.64	53.24	8.16	100.18
Total costs listed	56.39	46.43	118.72	46.67	176.54
Value of production less total costs listed	14.15	7.71	3.37	14.53	91.03
Value of production less operating costs	27.79	29.35	56.61	22.69	191.21
Supporting information					
Production arrangement (percent of production)					
Independent	49	100	53	38	36
Under contract	51	0	47	62	64
Size of operation (head sold/removed)					
Market hogs	3,011	1,826	4	4,335	0
Feeder pigs	2,626	73	3,554	2	32,255

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/ 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, 2004-2005 1/

Item	2004	2005
	<u>Dollars per Bred Cow</u>	
Gross value of production		
Steer calves	221.71	246.54
Heifer calves	148.89	165.33
Yearling steers	44.97	48.03
Yearling heifers	13.89	14.77
Other cattle	87.79	91.62
Total gross value of production	521.64	570.87
Operating costs		
Purchased cattle for backgrounding	30.20	32.02
Feed		
Concentrates and other feed	33.12	28.36
Supplemental feed	32.80	32.35
Harvested forages	184.41	183.93
Cropland pasture	14.33	15.12
Private pasture	82.31	86.52
Public land	0.37	0.37
Total feed costs	347.34	346.65
Other		
Veterinary and medicine	40.15	41.38
Bedding and litter	1.40	1.48
Marketing	4.39	4.58
Custom operations	41.62	43.09
Fuel, lube, and electricity	29.23	43.19
Repairs	30.29	31.42
Interest on operating inputs	4.12	8.86
Total operating costs	528.74	552.67
Allocated overhead		
Hired labor	0.64	0.65
Opportunity cost of unpaid labor	233.01	231.63
Capital recovery cost of machinery and equipment	299.89	321.79
Opportunity cost of land	6.01	6.23
Taxes and insurance	45.84	45.59
General farm overhead	88.36	92.36
Total allocated overhead	673.75	698.25
 Total cost listed	 1,202.49	 1,250.92
Value of production less total costs listed	-680.85	-680.05
Value of production less operating costs	-7.10	18.20

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, 2004-2005 1/

Item	Heartland 2/		Northern Crescent 3/	
	2004	2005	2004	2005
	Dollars per Cwt.			
Gross value of production				
Milk	16.71	15.81	17.29	16.24
Cattle	1.87	1.92	1.47	1.51
Other income 4/	1.06	1.19	0.81	0.93
Total gross value of production	19.64	18.92	19.57	18.68
Operating costs				
Feed				
Feed grains	1.77	1.71	1.19	1.13
Hay and straw	2.40	2.47	1.36	1.50
Complete feed mixes	1.19	1.01	1.38	1.25
Liquid whey and milk replacer	0.15	0.14	0.14	0.13
Silage	0.81	0.94	0.95	2.30
Grazed pasture and cropland	0.14	0.15	0.07	0.07
Other feed item 5/	1.79	1.80	1.48	1.22
Total feed costs	8.25	8.22	6.57	7.60
Other				
Veterinary and medicine	0.79	0.84	0.82	0.86
Bedding and litter	0.23	0.24	0.24	0.26
Marketing	0.22	0.23	0.32	0.34
Custom service	0.55	0.58	0.49	0.52
Fuel, lube, and electricity	0.62	0.92	0.64	0.92
Repairs	0.64	0.71	0.65	0.72
Other operating costs 6/	0.00	0.00	0.00	0.00
Interest on operating capital	0.09	0.20	0.08	0.19
Total operating costs	11.39	11.94	9.81	11.41
Allocated overhead				
Hired labor	0.90	0.91	1.41	1.43
Opportunity cost of unpaid labor	5.92	6.05	5.27	5.26
Capital recovery of machinery and equipment 7/	4.96	5.45	4.39	4.80
Opportunity cost of land (rental rate)	0.10	0.10	0.08	0.08
Taxes and insurance	0.20	0.21	0.23	0.24
General farm overhead	0.61	0.65	0.67	0.71
Total allocated overhead	12.69	13.37	12.05	12.52
 Total cost listed	 24.08	 25.31	 21.86	 23.93
Value of production less total costs listed	-4.44	-6.39	-2.29	-5.25
Value of production less operating costs	8.25	6.98	9.76	7.27
Supporting information				
Milk cows (head per farm)	62	62	71	72
Output per cow (pounds)	18,680	18,628	19,899	19,946
Milk frequency greater than twice per day (percent of farms)	2.11	2.01	3.21	3.37
Homegrown feed cost (percent of total feed cost)	59	59	48	48
Milk cows injected with BST (head per farm)	11	11	15	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/)