

Missouri Crop & Livestock

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Reporter

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"MO" News

Mother Nature again is showing who is in charge. After a very promising start to the growing season, prospects for a bumper crop have dwindled over the past 3-4 weeks as extremely high temperatures and little rain have persisted. As of August 1, crop potentials have settled into the 10-year average range for statewide yields, but that is dependent on weather conditions. Hogs and poultry are suffering from the extreme temperatures while cattle producers contend with virtually no pasture, seriously low water supplies, and supplemental feeding. Relief during August is needed but is not normally the case in Missouri.

Gene Danekas
Director



Missouri Crop Production Above Last Year

Missouri soybean production is forecast at 191 million bushels based on August 1, 2006 condition, up 4 percent from last year but 15 percent less than the record high of 2004. If realized, the forecast record yield of 37 bushels per acre would be equal to last year's yield and 1.7 bushel above the 10-year average. Harvested acres, at 5.15 million, are up 4 percent from the past 2 years. **Corn** production in **Missouri** is forecast at 360 million bushels, 9 percent above last year's crop but 23 percent below the record 2004 crop. The expected yield of 136 bushels per acre is 25 bushels above the 2005 yield and 14 bushels above the 10-year average. Farmers are expecting to harvest 2.65 million of the 2.75 million planted acres, 11 percent less than last year.

Winter Wheat production in **Missouri** is estimated at 46.1 million bushels, unchanged from the July 1 forecast. The estimated yield of 53 bushels per acre and harvested acres, at 870,000, are also held unchanged. **Grain sorghum** production is forecast at 10.8 million bushels, up 9 percent from the 2005 production. The expected yield of 86 bushels per acre would be 10 bushels above last year but 22 bushels below the 2004 record. Of the 130,000 planted acres, 125,000 are expected to be harvested for grain.

Cotton production in **Missouri** is forecast at a record 1.03 million bales, 19 percent above last year's record. The increase is due

to a projected yield of 1,030 pounds, second only to the record of 1,054 pounds in 2004, and an expected harvest area of 480,000 acres, 10 percent more than in 2005 and the highest since 1952. **Rice** production in the State is forecast at a record 14.8 million cwt, 5 percent more than the previous record of last year. Harvested acres are forecast at 214,000, equaling the 2005 record acreage. A record yield of 6,900 pounds is expected, 300 pounds above last year and 100 pounds above the current record high of 2004.

Missouri Tobacco production is forecast at 3.68 million pounds, up 31 percent from the 2005 crop. The projected yield of 2,300 pounds would be 225 pounds above last year, while harvest acres, at 1,600, are up 19 percent. **All hay** production in the **State** is forecast at 7.1 million tons, 6 percent more than in 2005 but 25 percent less than the record of 2 years ago. A yield of 1.8 tons is forecast, up from 1.68 last year. Alfalfa hay production is forecast at 1.06 million tons from 400,000 acres, with a yield of 2.65 tons per acre. Other hay production is forecast at 6.04 million tons from 3.55 million acres, with a yield of 1.7 tons.

Apple production in **Missouri** is forecast at 57 million pounds (1.36 million bushels), 16 percent more than last year. **Grape** production is forecast at 4,400 tons, 13 percent above the 2005 crop.

Crop Production 2005 and Forecasted August 1, 2006

Crop	Missouri						United States					
	Harvested		Yield		Production		Harvested		Yield		Production	
	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006
	1,000 Acres		Per Acre		1,000		1,000 Acres		Per Acre		Millions	
Corn ^{1/}	2,970	2,650	111.0	136.0	329,670	360,400	75,107	72,091	147.9	152.2	11,112.1	10,975.7
Soybeans ^{1/}	4,960	5,150	37.0	37.0	183,520	190,550	71,361	73,935	43.3	39.6	3,086.4	2,927.6
Winter Wheat ^{1/ 2/}	540	870	54.0	53.0	29,160	46,110	33,794	31,108	44.4	41.2	1,499.1	1,283.1
Grain Sorghum ^{1/}	130	125	76.0	86.0	9,880	10,750	5,736	5,317	68.7	55.8	393.9	296.5
Rice ^{3/}	214	214	6,600	6,900	14,124	14,766	3,364	2,895	6,636	6,813	223.2	197.2
Tobacco ^{4/}	1,350	1,600	2,075	2,300	2,801	3,680	298,080	334,480	2,171	2,228	647.3	745.3
Cotton ^{5/}	438.0	480.0	947	1030	864	1,030	13,803	12,815	831	765	23.9	20.4
All Hay ^{6/}	4,000	3,950	1.68	1.80	6,718	7,095	61,649	62,697	2.38	2.27	147.0	142.3

1/ Yield and production in bushels.

2/ Carried forward from earlier months.

3/ Yield in pounds and production in cwt.

4/ Yield and production in pounds.

5/ Yield in pounds and production in 480 pound bales.

6/ Yield and production in tons.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1046>

Missouri Farm and Real Estate Value

Missouri farm and real estate value, including land and buildings, increased 10.6 percent to \$1,980 per acre as of January 1, 2006 compared with a revised \$1,790 per acre on January 1, 2005. Non-irrigated cropland values increased 10.8 percent to \$2,050 per acre, while irrigated cropland values increased 15.0 percent to \$2,840. Combined, this leads to an all cropland value of \$2,100, an 11.1 percent increase over last year. Pasture value increased 11.9 percent to \$1,500 per acre.

Non-irrigated cropland cash rent held steady from last year at \$79 per acre. Pasture cash rent declined to \$26 per acre from \$27 per acre last year.

Average Value per Acre, by Region and State, January 1, 2002 - 2006

Farm Real Estate						
Region & State	2002	2003	2004	2005	2006	Change 05 - 06
	<i>Dollars</i>					<i>Percent</i>
Corn Belt:	2,030	2,130	2,300	*2,720	3,040	11.8
IL	2,350	2,430	2,610	*3,330	3,800	14.1
IN	2,460	2,570	2,770	*3,140	3,630	15.6
IA	1,920	2,010	2,200	*2,650	2,930	10.6
MO	1,380	1,470	1,580	*1,790	1,980	10.6
OH	2,600	2,740	2,930	3,180	3,480	9.4
48 States ^{1/}	1,210	1,270	1,360	*1,650	1,900	15.2

* Revised

^{1/} Excludes Alaska and Hawaii.

Cropland						
Region & State	2002	2003	2004	2005	2006	Change 05 - 06
	<i>Dollars</i>					<i>Percent</i>
Corn Belt:	2,180	2,270	2,450	*2,880	3,230	12.2
IL	2,430	2,500	2,700	*3,370	3,840	13.9
IN	2,440	2,550	2,750	*3,150	3,650	15.9
IA	2,040	2,120	2,320	*2,770	3,060	10.5
MO	1,480	1,580	1,690	1,890	2,100	11.1
OH	2,630	2,750	2,940	3,230	3,540	9.6
48 States ^{1/}	1,590	1,660	1,770	*2,110	2,390	13.3

* Revised

^{1/} Excludes Alaska and Hawaii.

Pasture						
Region & State	2002	2003	2004	2005	2006	Change 05 - 06
	<i>Dollars</i>					<i>Percent</i>
Corn Belt:	1,050	1,120	1,200	*1,440	1,610	11.8
IL	1,030	1,060	1,110	*1,720	1,880	9.3
IN	1,560	1,660	1,780	*1,930	2,090	8.3
IA	760	800	880	*1,070	1,300	21.5
MO	980	1,050	1,130	*1,340	1,500	11.9
OH	1,860	1,950	2,100	2,240	2,380	6.3
48 States ^{1/}	577	605	634	*820	1,000	22.0

* Revised

^{1/} Excludes Alaska and Hawaii.

Average Cash Rent per Acre, by Region and State, 2002 - 2006

Cropland Rented for Cash					
Region & State	2002	2003	2004	2005	2006
	<i>Dollars</i>				
Corn Belt:	108.00	110.00	114.00	117.00	119.00
IL	122.00	123.00	126.00	129.00	132.00
IN	101.00	103.00	107.00	109.00	111.00
IA	120.00	122.00	126.00	131.00	133.00
MO ^{1/}	66.00	70.00	76.00	79.00	79.00
OH	77.00	78.00	80.00	82.00	86.00
48 States ^{2/}	71.60	73.00	76.50	78.00	79.00

^{1/} Non-Irrigated

^{2/} Excludes Alaska and Hawaii.

Pasture Rented for Cash					
Region & State	2002	2003	2004	2005	2006
	<i>Dollars</i>				
Corn Belt:	27.00	27.00	29.00	30.50	31.00
IL	32.00	32.50	34.00	34.50	34.00
IA	30.50	31.00	32.50	36.00	38.00
MO	23.00	23.50	26.00	27.00	26.00
48 States ^{1/}	9.20	9.00	9.60	10.30	10.80

^{1/} Excludes Alaska and Hawaii.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1446>

July 1 Cattle Inventory Up 1 Percent

All cattle and calves in the United States as of July 1, 2006, totaled 105.7 million head, 1 percent above the 104.5 million on July 1, 2005 and 2 percent above the 103.4 million two years ago.

All cows and heifers that have calved, at 43.0 million, were up slightly from the 42.8 million on July 1, 2005 and 1 percent above the 42.4 million two years ago.

- **Beef cows**, at 33.9 million, were up slightly from July 1, 2005 and up 1 percent from two years ago.

- **Milk cows**, at 9.15 million, were up 1 percent from July 1, 2005 and up 2 percent from two years ago.

Other class estimates on July 1, 2006 and the changes from July 1, 2005, are as follows:

- **All heifers** 500 pounds and over, 16.5 million, up 2 percent.
- **Beef replacement heifers**, 5.0 million, unchanged.
- **Milk replacement heifers**, 3.8 million, up 3 percent.
- **Other heifers**, 7.7 million, up 3 percent.
- **Steers** weighing 500 pounds and over, 14.9 million, up 3 percent.
- **Bulls** weighing 500 pounds and over, 2.1 million, unchanged.
- **Calves** under 500 pounds, 29.2 million, up 1 percent.
- **All cattle and calves** on feed for slaughter, 12.5 million, up 4 percent.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1017>

June Milk Production

State	Milk Cows ^{1/}		Milk Per Cow ^{2/}		Milk Production ^{2/}	
	2005	2006	2005	2006	2005	2006
	1,000 Head		Pounds		Million Pounds	
IL	104	103	1,600	1,590	166	164
IA	193	200	1,725	1,685	333	337
MO	118	116	1,380	1,320	163	153
23 State	8,138	8,266	1,690	1,695	13,755	14,011

1/ Includes dry cows, excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1103>

U.S. Dairy Production by Product, June 2006

Product	Jun 2006	Change From	
		Jun 2005	May 2006
	1,000 Pounds	Percent	
Butter	100,900	-5.3	-21.2
Cheese			
American Types ^{1/}	337,472	5.0	-2.6
Total	793,197	3.8	-2.3
	1,000 Gallons	Percent	
Frozen Products			
Ice Cream, Hard	88,167	-3.3	7.4
Ice Cream, Lowfat, Total	41,635	7.9	11.8
Ice Cream, Nonfat, Hard	1,403	-27.0	-5.6
Sherbet, Hard	5,123	-12.1	6.9
Frozen Yogurt, Total	6,905	7.7	3.6
	1,000 Pounds	Percent	
Dry Whey Products			
Dry Whey, Human	85,057	4.5	-7.4
Dry Whey, Animal	5,362	-32.9	1.5
Dry Whey, Total	90,419	1.2	-6.9

1/ Includes Cheddar, Colby, Monterey, and Jack.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1052>

Chicks Hatched by Commercial Hatcheries

Item	Jun		Jan - Jun	
	2005	2006	2005	2006
	1,000			
Broiler-Type				
19 States ^{1/}	773,976	764,609	4,623,128	4,604,659
U.S.	796,945	787,791	4,759,277	4,740,049
Egg-Type				
U.S.	35,034	37,700	226,294	220,638

1/ States in the weekly hatchery production estimating program.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1028>

Average Prices Received by Farmers ^{1/}

Commodity	Unit	Missouri			U.S.
		Jul 2005*	Jun 2006	Jul 2006 ^{2/}	Jul 2006 ^{2/}
		Dollars			
Winter Wheat	Bu	3.38	3.37	3.55	4.03
Corn	Bu	2.15	2.24	2.40	2.20
Soybeans	Bu	6.77	5.65	5.70	5.60
Sorghum	Cwt	3.64	4.16	4.45	4.43
BALED HAY ^{2/}					
All Hay	Ton	56.00	70.00	68.00	107.00
Alfalfa	Ton	98.00	113.00	112.00	113.00
Other	Ton	45.00	57.00	56.00	89.30
ALL BEEF					
Cows ^{3/}	Cwt	53.80	47.90	48.10	47.00
Steers & Heifers	Cwt	113.00	113.00	115.00	90.40
Cattle ^{4/}	Cwt	98.20	94.80	98.30	86.10
Calves	Cwt	125.00	130.00	136.00	136.00
ALL HOGS					
Sows	Cwt	36.50	32.20	32.20	32.40
Barrows & Gilts	Cwt	45.80	48.60	45.40	50.30
All Hogs	Cwt	44.90	47.50	44.10	49.40
Market Eggs ^{2/}	Doz	0.260	0.310	0.180	0.248
MILK					
Fluid Grade ^{5/}	Cwt	15.20	12.20		11.90
Manufacturing Grade ^{5/}	Cwt	13.80	10.90		11.00
All Milk ^{5/}	Cwt	15.10	12.10	12.30	11.90
HOG/CORN RATIO ^{6/}		20.88	21.21	18.38	22.45

1/ Prices received represent the average of all grades or classes at point of first sale and should not be confused with market quotations of specific grades or classes.

2/ Mid-month prices.

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

4/ "Cows" and "Steers & Heifers" combined.

5/ Missouri June fat test %: all milk 3.54, fluid grade 3.54, mfg grade 3.63.

U.S. July fat test %: all milk 3.54, fluid grade 3.54, mfg grade 3.73.

6/ "All Hogs" divided by "Corn" prices.

* Revised

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1002>

June 2006 Egg Production

State	Number of Layers on Hand ^{1/}	Eggs per 100 for All Layers ^{1/}	Total Production
			Million Eggs
	1,000	Number	
AR	14,006	1,892	265
IA	51,354	2,187	1,123
MO	7,256	2,219	161
U.S.	341,887	2,159	7,383

1/ Includes all layers and eggs produced in both table egg and hatching egg flocks regardless of size.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1028>

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total, Missouri, 2004 - 05 ^{1/}**

Expenditure - Farm Share	Farms Reporting ^{12/}		Average per Farm ^{13/}		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>		<i>Dollars</i>		<i>Million Dollars</i>	
Total Farm Production Expenditures ^{2/ 3/}	100.0	100.0	50,943	56,286	5,400	5,910
Livestock, Poultry & Related Expenses ^{4/}	28.9	24.9	3,962	4,476	420	470
Feed	71.3	71.9	6,698	5,429	710	570
Farm Services ^{5/}	93.7	94.7	5,189	5,714	550	600
Rent ^{6/}	26.8	23.5	5,000	4,952	530	520
Agricultural Chemicals ^{7/}	38.0	49.7	2,075	2,286	220	240
Fertilizer, Lime & Soil Conditioners ^{7/}	62.5	52.6	4,245	4,952	450	520
Interest	41.1	38.8	2,547	3,524	270	370
Taxes (Real Estate & Property)	100.0	100.0	2,075	2,286	220	240
Labor	30.0	25.4	2,264	2,476	240	260
Fuels	78.5	88.9	1,887	2,762	200	290
Farm Supplies & Repairs ^{8/}	81.5	87.8	2,830	3,048	300	320
Farm Improvements & Construction ^{9/ 10/}	60.0	55.2	3,208	4,476	340	470
Tractors and Self-Propelled Farm Machinery	34.0	32.4	3,491	4,381	370	460
Other Farm Machinery	37.8	31.5	1,792	1,333	190	140
Seeds & Plants ^{11/}	36.0	36.5	2,453	2,857	260	300
Trucks & Autos	29.2	30.2	1,132	1,143	120	120

1/ State level estimates are being published for the first time in the 15 Leading Cash Receipts States for agricultural sales.

2/ Total includes miscellaneous production expenses not allocated to any of the 16 expense categories published. Therefore, the sum of individual expenditure items will not add to totals.

3/ Includes landlord and contractor share of farm production expenses.

4/ Includes purchases and leasing of livestock and poultry.

5/ Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities.

6/ Includes public and private grazing fees.

7/ Includes material and application costs.

8/ Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry.

9/ Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.

10/ Changed in 2003 to include operator dwelling expenses (if dwelling is owned by operation).

11/ Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

12/ Number of farms reporting item divided by total number of farms.

13/ Total expenditures divided by total number of farms.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1066>

Look for these reports at: <http://www.nass.usda.gov/Publications/index.asp>

Cattle on Feed - August 18

Farm Labor - August 18

Livestock Slaughter - August 25

Crop Production - September 12