

Missouri Crop & Livestock

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Reporter

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"MO" News

Growing conditions continue to deteriorate across Missouri as the first USDA forecast of production is released. After the record yields of 2004, Missouri is experiencing some of the most devastating crop condition in recent memory, prompting the governor to request federal assistance for producers. Rainfall is especially needed to provide relief to pastures that are in the worst condition in years, causing supplemental feed and water to be necessary.

Gene Danekas
Director



Yield and Production Down for Major Crops

"Hot, dry weather of the past 2 months has sharply reduced yield prospects for row crops," said Gene Danekas, Director, Missouri Agricultural Statistics. "Crops over most of the State have suffered from extreme drought conditions while the least severely affected areas appear to be in the northwestern, west-central and southeastern counties of Missouri."

Corn production in **Missouri** is forecast at 297 million bushels based on conditions as of August 1, 2005. If realized, this production would be 36 percent below last year's record production and 2 percent less than in 2003. Of the 3.1 million planted acres in the State, 3.0 million are expected to be harvested for grain, 4 percent more than last year. The forecast yield of 99 bushels is 63 bushels below the 2004 record high and the lowest since 1999. The **Missouri soybean** crop is forecast at 157 million bushels, down 30 percent from last year but 7 percent above the 2003 crop. Of the 5.1 million planted acres, farmers expect to harvest 5.05 million acres this year, 2 percent more than last year. The projected State yield, at 31 bushels, would be down 14 bushels from last year's record high and 5.3 bushels below the past 5-year average.

Winter wheat production in **Missouri** is estimated at 32.5 million bushels, unchanged from the August forecast but down 33 percent from last year. Yields are expected to average 57 bushels per acre, also unchanged from a month earlier but 5 bushels above 2004. **Missouri grain sorghum** production is forecast at 8.64 million bushels, 45 percent below the 2004 production. Yields are expected to average 72 bushels per acre,

down 36 bushels from last year's record yield. Acres harvested for grain are expected to total 120,000, down 17 percent from the previous year.

The **Missouri rice** crop is forecast at 13.2 million cwt, 1 percent less than last year. The State yield is forecast at a record high 6900 pounds per acre, up 100 pounds from last year's record yield. Harvested acres are projected at 191,000, down 2 percent from 2004. The **cotton** crop in **Missouri** is forecast at 790,000 bales, 5 percent less than last year's record crop. Harvested acres are expected to total 425,000, up 12 percent from 2004. The State average yield is forecast at 892 pounds, down 162 pounds from last year but 49 pounds above the 5-year average.

Tobacco production in the **State** is forecast at 3.08 million pounds, 8 percent less than last year. The expected yield of 2,200 pounds would be down 100 pounds from last year's yield. **All hay** production in **Missouri** is forecast at 6.67 million tons, 29 percent less than last year's record high. A yield of 1.63 tons per acre is forecast, down from the record of 2.17 tons last year and the lowest since 1988. **Alfalfa hay** production is forecast at 1.12 million tons from 400,000 acres, with a yield of 2.80 tons. **Other hay** production is forecast at 5.55 million tons from 3.7 million acres harvested, with a yield of 1.5 tons.

Missouri total apple production is forecast at 42 million pounds (1 million bushels), 11 percent below the utilized production of 2004. **Grape** production in **Missouri** is forecast at 3,200 tons, 3 percent less than in 2004.

Crop Production 2004 and Forecasted August 1, 2005

Crop	Missouri						United States					
	Harvested		Yield		Production		Harvested		Yield		Production	
	2004	2005	2004	2005	2004	2005	2004	2005	2004	2005	2004	2005
	1,000 Acres		Per Acre		1,000		1,000 Acres		Per Acre		Millions	
Corn ^{1/}	2,880	3,000	162	99	466,560	297,000	73,632	74,368	160.4	139.2	11,807.2	10,350
Soybeans ^{1/}	4,960	5,050	45	31	223,200	156,550	73,958	72,184	42.5	38.7	3,141.0	2,791
Winter Wheat ^{1/ 2/}	930	570	52	57	48,360	32,490	34,462	34,271	43.5	44.4	1,499.4	1,521
Grain Sorghum ^{1/}	145	120	108	72	15,660	8,640	6,517	6,030	69.8	63.1	454.9	380.3
Rice ^{3/}	195	191	6,800	6,900	13,261	13,179	3,325	3,288	6,942	6,897	230.8	226.8
Tobacco ^{4/}	1.45	1.40	2,300	2,200	3,335	3,080	408	317	2,155	2,137	879.2	677.1
Cotton ^{5/}	378	425	1,054	892	830	790	13,057	13,657	855	748	23.2	21.3
All Hay ^{6/}	4,350	4,100	2.17	1.63	9,420	6,670	61,916	61,723	2.55	2.43	157.8	150.0

^{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/reports/nassr/field/pcp-bb/>

Missouri Farm and Real Estate Values

Missouri farm and real estate values, including all land and buildings, increased 10.1 percent to \$1,740 per acre as of January 1, 2005, compared with \$1,580 per acre on January 1, 2004. Non-irrigated cropland values increased 12.1 percent to \$1,850 per acre and irrigated cropland values increased 9.8 percent to \$2,470 leading to an all cropland value of \$1,890. Pasture value increased from the previous year's mark of \$1,130 to \$1,260 per acre.

Non-irrigated cropland cash rent increased 3.9 percent to \$79 per acre compared with \$76 per acre last year. Pasture cash rent was rated at \$27 per acre, a 3.8 percent increase from the previous year.

Average Value per Acre, by Region and State, January 1, 2001-2005

Farm Real Estate						
Region & State	2001	2002	2003	2004	2005	Change 04 - 05
	<i>Dollars</i>					<i>Percent</i>
Corn Belt:	1,950	2,030	2,130	2,300	2,550	10.9
IL	2,290	2,350	2,430	2,610	2,900	11.1
IN	2,350	2,460	2,570	2,770	3,050	10.1
IA	1,850	1,920	2,010	2,200	2,490	13.2
MO	1,300	1,380	1,470	1,580	1,740	10.1
OH	2,470	2,600	2,740	2,930	3,180	8.5
48 States ^{1/}	1,150	1,210	1,270	1,360	1,510	11.0

1/ Excludes Alaska and Hawaii.

Cropland						
Region & State	2001	2002	2003	2004	2005	Change 04 - 05
	<i>Dollars</i>					<i>Percent</i>
Corn Belt:	2,100	2,180	2,270	2,450*	2,750	12.2
IL	2,370	2,430	2,500	2,700	3,030	12.2
IN	2,330	2,440	2,550	2,750	3,080	12.0
IA	1,980	2,040	2,120	2,320	2,650	14.2
MO	1,380	1,480	1,580	1,690	1,890	11.8
OH	2,520	2,630	2,750	2,940	3,230	9.9
48 States ^{1/}	1,510	1,590	1,660	1,770*	1,970	11.3

* Revised

1/ Excludes Alaska and Hawaii.

Pasture						
Region & State	2001	2002	2003	2004	2005	Change 04 - 05
	<i>Dollars</i>					<i>Percent</i>
Corn Belt:	990	1,050	1,120	1,200	1,330	10.8
IL	1,010	1,030	1,060	1,110	1,240	11.7
IN	1,470	1,560	1,660	1,780	1,900	6.7
IA	730	760	800	880	1,000	13.6
MO	910	980	1,050	1,130	1,260	11.5
OH	1,750	1,860	1,950	2,100	2,240	6.7
48 States ^{1/}	557	577	605	634*	694	9.5

* Revised

1/ Excludes Alaska and Hawaii.

Average Cash Rent per Acre, by Region and State, 2001-2005

Cropland Rented for Cash					
Region & State	2001	2002	2003	2004	2005
	<i>Dollars</i>				
Corn Belt:	106.00	108.00	110.00	114.00	117.00
IL	119.00	122.00	123.00	126.00	129.00
IN	100.00	101.00	103.00	107.00	109.00
IA	117.00	120.00	122.00	126.00	131.00
MO ^{1/}	65.00	66.00	70.00	76.00	79.00
OH	76.50	77.00	78.00	80.00	82.00
48 States ^{2/}	71.00	71.60	73.00	76.50	78.00

1/ Non-Irrigated

2/ Excludes Alaska and Hawaii.

Pasture Rented for Cash					
Region & State	2001	2002	2003	2004	2005
	<i>Dollars</i>				
Corn Belt:	26.50	27.00	27.00	29.00	30.50
IL	33.00	32.00	32.50	34.00	34.50
IA	30.00	30.50	31.00	32.50	36.00
MO	22.50	23.00	23.50	26.00	27.00
48 States ^{1/}	9.20	9.20	9.00	9.60	10.30

1/ Excludes Alaska and Hawaii.

The complete NASS Report can be accessed at:
<http://usda.mannlib.cornell.edu/reports/nassr/other/plr-bb/>

July 1 Cattle Inventory Up 1 Percent

All cattle and calves in the United States as of July 1, 2005, totaled 104.5 million head, 1 percent above the 103.6 million on July 1, 2004 and 1 percent above the 103.9 million two years ago.

All cows and heifers that have calved, at 42.8 million, were 1 percent above the 42.5 million on July 1, 2004 and slightly above the 42.7 million two years ago.

- **Beef cows**, at 33.8 million, were up 1 percent from July 1, 2004 and up slightly from two years ago.

- **Milk cows**, at 9.05 million, were up 1 percent from July 1, 2004 but down 1 percent from two years ago.

Other class estimates on July 1, 2005 and the changes from July 1, 2004, are as follows:

- **All heifers** 500 pounds and over, 16.2 million, up 2 percent.

- **Beef replacement heifers**, 5.0 million, up 4 percent.

- **Milk replacement heifers**, 3.7 million, up 3 percent.

- **Other heifers**, 7.5 million, down 1 percent.

- **Steers** weighing 500 pounds and over, 14.4 million, up 1 percent.

The complete NASS Report can be accessed at:
<http://usda.mannlib.cornell.edu/reports/nassr/livestock/pct-bb/>

June Milk Production

State	Milk Cows ^{1/}		Milk Per Cow		Milk Production ^{2/}	
	2004	2005	2004	2005	2004	2005
	1,000 Head		Pounds		Million Pounds	
IL	108	104	1,540	1,600	166	166
IA	194	187	1,630	1,720	316	322
MO	124	118	1,250	1,270	155	150
23 State	8,083	8,130	1,607	1,683	12,988	13,684

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/reports/nassr/dairy/pmp-bb/>

U.S. Dairy Production by Product, June 2005

Product	June 2005	Change From	
		June 2004	May 2005
	1,000 Pounds	Percent	
Butter	104,265	5.2	-12.8
Cheese			
American Types ^{1/}	321,013	4.1	-3.5
Total	761,032	6.4	-3.1
	1,000 Gallons	Percent	
Frozen Products			
Ice Cream, Hard	90,324	6.0	13.6
Ice Cream, Lowfat, Total	41,460	-1.1	16.6
Ice Cream, Nonfat, Hard	1,864	-2.1	6.8
Sherbet, Hard	5,796	3.5	15.4
Frozen Yogurt, Total	6,013	-8.6	-3.7
	1,000 Pounds	Percent	
Dry Whey Products			
Dry Whey, Human	81,597	3.1	-4.8
Dry Whey, Animal	8,083	7.6	8.5
Dry Whey, Total	89,680	3.5	-3.7

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

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/reports/nassr/dairy/pdp-bb/>

Chicks Hatched by Commercial Hatcheries

Item	Jun		Jan-Jun	
	2004	2005	2004	2005
	1,000			
Broiler-Type				
19 States ^{1/}	763,404	773,568	4,530,552	4,620,898
U.S.	786,603	796,001	4,666,036	4,752,269
Egg-Type				
U.S.	37,508	34,537	217,944	223,945

1/ States in the weekly hatchery production estimating program.

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/reports/nassr/poultry/pec-bb/>

Average Prices Received by Farmers ^{1/}

Commodity	Unit	Missouri			U.S.
		July 2004*	June 2005	July 2005 ^{2/}	July 2005 ^{2/}
		Dollars			
Winter Wheat	Bu	3.25	3.29	3.35	3.20
Corn	Bu	2.58	2.08	2.30	2.15
Soybeans	Bu	8.37	6.66	7.05	6.84
Sorghum	Cwt	3.80	3.77	4.20	4.11
BALED HAY ^{2/}					
All Hay	Ton	61.00	56.00	56.00	99.70
Alfalfa	Ton	100.00	95.00	98.00	109.00
Other	Ton	46.00	44.00	45.00	75.90
ALL BEEF					
Cows ^{3/}	Cwt	57.40	56.40	56.20	55.60
Steers & Heifers	Cwt	117.00	117.00	115.00	89.60
Cattle ^{4/}	Cwt	102.00	100.00	100.00	86.30
Calves	Cwt	141.00	136.00	135.00	133.00
ALL HOGS					
Sows	Cwt	49.70	42.60	37.90	38.70
Barrows & Gilts	Cwt	53.70	45.00	45.40	49.80
All Hogs	Cwt	53.30	44.80	44.70	49.30
Market Eggs ^{2/}	Doz	0.350	0.160	0.260	0.326
MILK					
Fluid Grade ^{5/}	Cwt	18.00	14.70		14.80
Manufacturing Grade ^{5/}	Cwt	15.00	13.70		14.10
All Milk ^{5/}	Cwt	17.90	14.70	15.40	14.80
HOG/CORN RATIO ^{6/}		20.66	21.54	19.43	22.93

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 3.52, fluid grade 3.52, mfg grade 3.60.

U.S. July fat test %: all milk 3.53, fluid grade 3.53, mfg grade 3.66.

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

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

* Revised

The complete NASS Report can be accessed at:

<http://usda.mannlib.cornell.edu/reports/nassr/price/pap-bb/>

June 2005 Egg Production

State	Number of Layers on Hand ^{1/}	Eggs per 100 for All Layers ^{1/}	Total Production
			Million Eggs
	1,000	Number	Million Eggs
AR	14,653	1,897	278
IA	47,989	2,159	1,036
MO	7,270	2,242	163
U.S.	341,352	2,151	7,342

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/reports/nassr/poultry/pec-bb/>

**Farm Production Expenditures:
Major Input Items, Farms Reporting, Average per Farm, and Total, Missouri, 2003-04 ^{1/}**

Expenditure - Farm Share	Farms Reporting ^{12/}		Average per Farm ^{13/}		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>		<i>Dollars</i>		<i>Million Dollars</i>	
Total Farm Production Expenditures ^{2/ 3/}	100.0	100.0	48,679	51,415	5,160	5,450
Livestock, Poultry & Related Expenses ^{4/}	25.5	27.9	4,057	3,962	430	420
Feed	68.3	71.3	7,547	7,830	800	830
Farm Services ^{5/}	97.6	93.7	5,094	5,189	540	550
Rent ^{6/}	24.3	26.8	4,528	4,811	480	510
Agricultural Chemicals ^{7/}	29.5	38.0	1,887	1,981	200	210
Fertilizer, Lime & Soil Conditioners ^{7/}	57.6	62.5	3,491	4,245	370	450
Interest	43.2	41.1	2,547	2,453	270	260
Taxes (Real Estate & Property)	99.7	100.0	1,981	2,075	210	220
Labor	20.1	30.0	2,453	2,264	260	240
Fuels	77.9	78.5	1,698	1,887	180	200
Farm Supplies & Repairs ^{8/}	80.4	81.5	2,736	2,830	290	300
Farm Improvements & Construction ^{9/ 10/}	56.5	60.0	3,113	3,019	330	320
Tractors and Self-Propelled Farm Machinery	21.6	34.0	2,358	3,396	250	360
Other Farm Machinery	31.5	37.8	1,415	1,792	150	190
Seeds & Plants ^{11/}	40.2	36.0	2,453	2,453	260	260
Trucks & Autos	24.6	29.2	1,226	1,132	130	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 to include operator dwelling expenses (if dwelling is owned by operation) in 2003.

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/reports/nassr/price/zpe-bb/>**

Look for these reports at: <http://www.usda.gov/nass/pubs/pubs.htm>

Commercial Slaughter - August 19

Cattle on Feed - August 19

Farm Labor - August 19

Crop Production - September 12