

# Missouri Crop & Livestock

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*Reporter*

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## "MO" News

Winter months in Missouri are used for meetings, planning and organization. Determining the mix of next year's crops relative to the escalating input costs are vital. Follow the upcoming USDA reports to help determine the direction that the industry may turn. Livestock producers, with the opening of trade doors have more incentive than ever to embrace the "premise ID" portion of the animal ID program. Visit <http://mda.mo.gov/animalID/> to "Register Your Premise" ID.

Gene Danekas  
State Director



## CORN AND SOYBEAN PRODUCTION SHARPLY BELOW 2004

**Missouri soybean** production in 2005 totaled 184 million bushels, down 18 percent from the record 2004 crop. Farmers in Missouri harvested 4.96 million of the 5.0 million acres planted in the State. Missouri yields averaged 37 bushels per acre, down 8 bushels from the record 2004 yield but 7.5 bushels above 2 years ago.

**Corn** production in **Missouri** during 2005 totaled 330 million bushels, 29 percent below the record level of a year earlier. Yields for the State averaged 111 bushels per acre, down 51 bushels from the 2004 record yield but 3 bushels above the 2003 yield. Out of 3.1 million planted acres, corn for grain was produced from 2.97 million acres and 110,000 acres were cut for silage.

**Missouri grain sorghum** production totaled 9.88 million bushels, down 37 percent from 2004. Of the 135,000 acres planted, 130,000 were harvested for grain, 10 percent less than a year earlier. Average yield for the State was 76 bushels per acre, down 32 bushels from the record 2004 yield and 1 bushel below the 2 years earlier.

**Missouri cotton** production is estimated at a record 885,000 bales, 7 percent above the previous record high of 2004. The State yield is estimated at 970 pounds, the second highest yield

below the 1,054 pound record of 2004. Missouri farmers harvested 438,000 of the 440,000 acres planted.

**Rice** production in **Missouri** during 2005 totaled a record 14.1 million cwt, 7 percent above the previous record of a year earlier. Yield is estimated at 6,600 pounds per acre, 200 pounds below the 6,800 pound record set in 2004. Farmers harvested 214,000 of the 216,000 planted acres.

**Tobacco** production in the **State** totaled 2.8 million pounds, 16 percent less than in 2004. The State yield of 2,000 pounds is down from 2,300 pounds a year earlier and the lowest since 1993. Missouri farmers harvested 1,400 acres of tobacco, 3 percent less than the previous year.

Commercial **potato** production in **Missouri** for 2005 totaled 1.97 million cwt, 3 percent above the 2004 production. The 5,800 acres harvested produced a yield of 340 cwt, up 30 cwt from 2004 and equaling the 2001 record.

**Hay** production in the **State** totaled 6.72 million tons, 29 percent below the record 2004 crop. Missouri hay yields averaged 1.68 tons per acre, compared with 2.17 tons a year earlier. Harvested area of all hay, at 4 million acres, declined 8 percent from 2004.

## Crop Production 2004 - 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 <sup>1/</sup>	2,880	2,970	162	111	466,560	329,670	73,631	75,107	160.4	147.9	11,807.1	11,112.1
Soybeans <sup>1/</sup>	4,960	4,960	45	37	223,200	183,520	73,958	71,361	42.2	43.3	3,123.7	3,086.4
Winter Wheat <sup>1/ 2/</sup>	930	540	52	54	48,360	29,160	34,462	33,794	43.5	44.4	1,499.4	1499.1
Grain Sorghum <sup>1/</sup>	145	130	108	76	15,660	9,880	6,517	5,736	69.6	68.7	453.7	393.9
Rice <sup>3/</sup>	195	214	6,800	6,600	13,261	14,124	3,325	3,364	6,988	6,636	232.4	223.2
Tobacco <sup>2/ 4/</sup>	1.45	1.4	2,300	2,000	3,335	2,800	408	298	2,161	2,147	882.0	639.7
Cotton <sup>5/</sup>	378	438	1,054	970	830	885	13,057	13,703	855	831	23.3	23.7
All Hay <sup>2/ 6/</sup>	4,350	4,000	2.17	1.68	9,420	6,718	61,966	61,649	2.55	2.44	158.2	150.6

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/>

## Winter Wheat Seedings for 2006

Fall seedings for the 2006 **winter wheat** crop in **Missouri** total 1 million acres, up 69 percent from the 2005 crop seeded acreage but similar to the level of 2 years ago. Conditions for planting wheat in October and November were more favorable than the wet weather of a year earlier.

### December 1, 2005 Grain Stocks

**Soybeans** in all storage positions in **Missouri** on December 1, 2005 totaled 138.1 million bushels, down 5 percent from a year earlier. Stocks on farms accounted for 87 million bushels, 13 percent less than on December 1, 2004, while off-farm beans totaled 51.1 million bushels, 13 percent more than a year ago.

**Missouri corn** stocks on December 1, 2005 totaled 259.3 million bushels, 7 percent below a year earlier. Of the total, 185 million bushels were on farms and 74.3 million bushels were in commercial facilities.

**Wheat** stocks in **Missouri** on December 1 totaled 18.9 million bushels, down 22 percent from a year earlier. The total was comprised of 1.9 million bushels on farms and 17 million bushels off-farm.

**Sorghum** stocks in **Missouri** on December 1, 2005 totaled 6.44 million bushels, 40 percent below a year earlier. Sorghum on farms accounted for 4.3 million bushels and 2.14 million bushels were held off-farm.

**Missouri rough rice** stocks in all positions on December 1 totaled 7.73 million cwt, 3 percent less than a year earlier.

### Grain Stocks December 1, 2004-2005

Crop & Position <sup>1/</sup>	Missouri		United States	
	2004	2005	2004	2005
<i>thousand bushels</i>				
<b>Corn</b>				
On Farms	205,000	185,000	6,144,000	6,325,000
Off Farms	75,244	74,265	3,308,488	3,487,835
Total	280,244	259,265	9,452,488	9,812,835
<b>Soybeans</b>				
On Farms	100,000	87,000	1,300,000	1,345,000
Off Farms	45,028	51,054	1,004,640	1,157,389
Total	145,028	138,054	2,304,640	2,502,389
<b>Sorghum</b>				
On Farms	8,200	4,300	78,700	55,000
Off Farms	2,529	2,139	203,505	233,891
Total	10,729	6,439	282,205	288,891
<b>All Wheat</b>				
On Farms	4,000	1,900	531,020	513,000
Off Farms	20,103	16,981	899,306	916,531
Total	24,103	18,881	1,430,326	1,429,531
<b>Rough Rice <sup>2/</sup></b>				
On Farms	3/	3/	57,545	58,630
Off Farms	3/	3/	109,151	101,518
Total	7,952	7,725	166,696	160,148

<sup>1/</sup> Off farm storage includes mills, elevators, warehouses, terminals and processing plants.

<sup>2/</sup> Data in thousand hundredweight.

<sup>3/</sup> Not published separately from U.S. totals.

## Grain Storage Capacity

**Missouri** on-farm storage capacity totaled 430 million bushels on December 1, 2005, up 10 million bushels from a year earlier. On-farm storage capacity in the United States totaled 11.4 billion bushels, up from 11.2 billion on December 1, 2004.

Off-farm storage capacity in **Missouri** on December 1, 2005 totaled 218 million bushels, down fractionally from a year ago. Off-farm commercial storage in the U.S. on December 1 totaled 8.53 billion bushels, virtually unchanged from the previous year.

### Turkeys Raised in 2005 Down 3 Percent from 2004

Turkeys raised in the U.S. during 2005 totaled 256 million birds, down 3 percent from the 263 million raised in 2004.

Minnesota ranked first in the number raised with 44.5 million, followed by North Carolina with 36.0 million, Arkansas with 29.0 million, Virginia with 21.0 million, **Missouri** with 20.5 million, California with 14.9 million, and Indiana with 13.4 million. These States accounted for 70 percent of the turkeys produced in the U.S. during 2005.

### Turkey Growers Plan a 4 Percent Increase in 2006

Turkey growers in 23 States intend to increase the number of birds raised by 4 percent in 2006. These states produces over 99% of the turkeys raised in 2005. Intentions for the top seven producing States compared with 2005 are as follows: Minnesota down 2 percent, North Carolina up 6 percent, Arkansas up 7 percent, Virginia up 7 percent, **Missouri** up 5 percent, California down 1 percent, and Indiana up 4 percent.

The number of turkeys actually raised in 2006 may vary from growers' intentions shown in this report depending on feed costs, supply of hatching eggs, cost of poults, and prices growers receive for turkeys during the next few months.

### Turkeys Number Raised in 2005 and Intentions for 2006 Selected States and 23 State Total

State	Number	Intentions
	2005	2006
<i>1,000 Head</i>		
Arkansas	29,000	31,000
California	14,900	14,700
Indiana	13,400	14,000
Minnesota	44,500	43,500
<b>Missouri</b>	<b>20,500</b>	<b>21,500</b>
North Carolina	36,000	38,000
Virginia	21,000	22,500
<b>23 State Total</b>	<b>254,700</b>	<b>265,500</b>

The complete NASS Report can be accessed at:  
<http://usda.mannlib.cornell.edu/reports/nassr/field/pcp-bbw/>

The complete NASS Report can be accessed at:  
<http://usda.mannlib.cornell.edu/reports/nassr/poultry/pth-bbt/>

### November Milk Production

State	Milk Cows <sup>1/</sup>		Milk Per Cow <sup>2/</sup>		Milk Production <sup>2/</sup>	
	2004	2005	2004	2005	2004	2005
	1,000 Head		Pounds		Million Pounds	
IL	106	104	1,450	1,480	154	154
IA	190	187	1,610	1,620	306	303
<b>MO</b>	<b>120</b>	<b>114</b>	<b>1,215</b>	<b>1,230</b>	<b>146</b>	<b>140</b>
<b>23 State</b>	<b>8,102</b>	<b>8,162</b>	<b>1,531</b>	<b>1,590</b>	<b>12,404</b>	<b>12,975</b>

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, Nov 2005

Product	Nov 2005	Change From	
		Nov 2004	Oct 2005
	1,000 Pounds	Percent	
<b>Butter</b>	110,144	8.6	2.7
<b>Cheese</b>			
American Types <sup>1/</sup>	312,178	3.2	0.2
Total	761,486	0.9	0.4
	1,000 Gallons	Percent	
<b>Frozen Products</b>			
Ice Cream, Hard	61,809	4.6	-10.0
Ice Cream, Lowfat, Total	26,523	-3.1	-10.5
Ice Cream, Nonfat, Hard	1,170	4.7	-20.5
Sherbet, Hard	3,422	-0.3	-20.5
Frozen Yogurt, Total	4,218	-10.4	-10.1
	1,000 Pounds	Percent	
<b>Dry Whey Products</b>			
Dry Whey, Human	81,051	5.0	7.0
Dry Whey, Animal	5,136	-19.6	-19.3
Dry Whey, Total	86,187	3.1	4.9

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	November		Jan - Nov	
	2004	2005	2004	2005
	1,000			
<b>Broiler-Type</b>				
19 States <sup>1/</sup>	709,121	726,233	8,295,290	8,426,994
U.S.	730,353	747,335	8,540,161	8,665,040
<b>Egg-Type</b>				
U.S.	38,758	32,752	399,972	400,115

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 <sup>1/</sup>

Commodity	Unit	Missouri			U.S.
		Dec 2004*	Nov 2005	Dec 2005 <sup>2/</sup>	Dec 2005 <sup>2/</sup>
		Dollars			
Winter Wheat	Bu	3.10	2.99	3.15	3.30
Corn	Bu	1.95	1.77	1.90	1.88
Soybeans	Bu	5.33	5.63	5.80	5.71
Sorghum	Cwt	2.80	3.04	3.25	2.94
<b>BALED HAY <sup>2/</sup></b>					
All Hay	Ton	57.00	63.00	64.00	92.00
Alfalfa	Ton	99.00	105.00	106.00	97.70
Other	Ton	44.00	50.00	51.00	78.00
<b>ALL BEEF</b>					
Cows <sup>3/</sup>	Cwt	47.40	47.10	46.40	46.60
Steers & Heifers	Cwt	102.00	113.00	114.00	99.10
Cattle <sup>4/</sup>	Cwt	90.50	99.80	99.80	92.70
Calves	Cwt	121.00	133.00	134.00	135.00
<b>ALL HOGS</b>					
Sows	Cwt	44.60	36.30	37.60	38.20
Barrows & Gilts	Cwt	47.60	40.00	41.40	45.80
All Hogs	Cwt	47.40	39.80	41.20	45.50
Market Eggs <sup>2/</sup>	Doz	0.410	0.420	0.460	0.564
<b>MILK</b>					
Fluid Grade <sup>5/</sup>	Cwt	16.60	16.20		14.80
Manufacturing Grade <sup>5/</sup>	Cwt	16.50	14.10		14.40
All Milk <sup>5/</sup>	Cwt	16.60	16.10	15.20	14.70
<b>HOG/CORN RATIO <sup>6/</sup></b>		24.31	22.49	21.68	24.20

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 November fat test %: all milk 3.79, fluid grade 3.78, mfg grade 3.97.

U.S. December fat test %: all milk 3.80, fluid grade 3.79, mfg grade 4.05.

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/>

### November 2005 Egg Production

State	Number of Layers on Hand <sup>1/</sup>	Eggs per 100 for All Layers <sup>1/</sup>	Total Production
			Million Eggs
	1,000	Number	Million Eggs
AR	14,817	1,923	285
IA	49,501	2,204	1,091
<b>MO</b>	<b>6,935</b>	<b>2,149</b>	<b>149</b>
<b>U.S.</b>	<b>346,596</b>	<b>2,175</b>	<b>7,538</b>

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/>

## U.S. Hog Inventory Up Slightly

**U.S. inventory** of all hogs and pigs on December 1, 2005 was 61.2 million head. This was up slightly from December 1, 2004, but down 1 percent from September 1, 2005. **Breeding inventory**, at 6.01 million head, was up 1 percent from last year and last quarter. **Market hog inventory**, at 55.2 million head, was up slightly from last year but down 1 percent from last quarter.

**The September-November 2005 U.S. pig crop**, at 26.1 million head, was up 1 percent from 2004 and up 2 percent from 2003. Sows farrowing during this period totaled 2.89 million head, unchanged from last year. The sows farrowed during this quarter represented 48 percent of the breeding herd. The average pigs saved per litter was 9.03 for the September-November 2005 period, compared to 8.96 last year. Pigs saved per litter by size of operation ranged from 7.50 for operations with 1-99 hogs and pigs to 9.10 for operations with more than 5,000 hogs and pigs.

### Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop United States, December - November 2004-2005<sup>1 2</sup>

Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	2004	2005	2004	2005	2004	2005
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec <sup>1</sup>	935	938	8.84	8.89	8,265	8,338
Jan	954	951	8.86	8.94	8,448	8,500
Feb	947	946	8.86	8.99	8,392	8,505
Mar	958	967	8.89	8.99	8,515	8,693
Apr	957	962	8.93	9.00	8,550	8,656
May	955	953	8.97	9.06	8,568	8,637
Jun	978	963	8.99	9.07	8,792	8,734
Jul	970	973	9.00	9.04	8,730	8,800
Aug	957	963	9.03	9.08	8,640	8,742
Sep	981	982	8.94	9.03	8,771	8,873
Oct	961	966	8.96	9.05	8,611	8,740
Nov	946	940	8.98	9.01	8,499	8,467
<b>Total</b>	<b>11,498</b>	<b>11,504</b>	<b>8.94</b>	<b>9.01</b>	<b>102,780</b>	<b>103,685</b>

<sup>1</sup> December preceding year.

<sup>2</sup> Monthly values may not add to quarterly or annual totals due to rounding.

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

**Look for these reports at:** <http://www.usda.gov/nass/pubs/pubs.htm>  
**Livestock Slaughter- January 20**  
**Sheep and Goats - January 27**  
**Cattle - January 27**  
**Agricultural Prices - January 31**  
**Farms, Land in Farms, and Livestock Operations - January 31**