



# Missouri Crop & Livestock Reporter

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CLR-1008

October 17, 2008

## Corn Yield Declines From Month Earlier, Soybeans Unchanged

Based on conditions as of October 1, **Missouri corn** yield per harvested acre is forecast at 140 bushels, down 2 bushels per acre from a year ago and the September 1 estimate. Production is forecast at 364 million bushels. If realized, this production would be 21 percent below a year ago and down 1 percent from the September 1 forecast. This remains the fourth largest Missouri corn crop on record. Acres for harvest for grain are forecast at 2.60 million acres, down 20 percent from 2007 but unchanged from the September 1 estimate.

**Soybean** yield in **Missouri** is forecast at 37 bushels per acre, down one-half bushel per acre from the revised 2007 yield but unchanged from the September 1 forecast. Production is forecast at 189 million bushels, 8 percent above the revised 2007 estimate of 175 million bushels but unchanged from September 1. This would be the third largest Missouri soybean crop on record. Harvested acres are expected to total 5.10 million acres, 9 percent above last years revised estimate of 4.67 million acres but unchanged from the September 1 forecast.

Based on a record yield of 2.19 tons per acre, **all hay** production in **Missouri** is forecast at 9.08 million tons from 4.15 million acres harvested and the second largest

hay crop on record behind 2004 when 9.42 million tons were harvested. The previous record hay yield was set in 2004 at 2.17 tons per acre.

**Grain sorghum** to be harvested in **Missouri** is forecast at 85,000 acres, 19 percent below last year and the September 1 estimate. A yield of 95 bushels per acre is expected which would result in a production of 8.08 million bushels, 20 percent below 2007 and down 19 percent from the September 1 estimate.

A record yield of 7,100 pounds per acre is forecast for **Missouri rice**, 200 pounds per acre above the previous record yield set last year but unchanged from the September 1 estimate. If realized, this would result in a record production of 14.1 million hundredweight, slightly above the previous record production set in 2005. **Missouri cotton** producers expect to harvest 307,000 acres, 19 percent below last year. A yield of 1,048 pounds per acre is forecast, the second highest yield on record behind 2004 when 1,054 pound per acre were picked. This is an increase of 79 pounds per acre from the September 1 estimate. The resulting 670,000 480-pound bales would be 12 percent below last year but 8 percent above the September 1 estimate.

## Crop Production 2007 and Forecasted October 1, 2008

Crop	Missouri						United States					
	Harvested		Yield		Production		Harvested		Yield		Production	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
	1,000 Acres		Per Acre		1,000		1,000 Acres		Per Acre		1,000	
Corn <sup>1/</sup>	3,250	2,600	142	140	461,500	364,000	86,542	79,197	151	152	13,073,893	12,199,908
Soybeans <sup>1/</sup>	4,670	5,100	38	37	175,125	188,700	64,141	75,479	42	40	2,675,822	2,983,023
Winter Wheat <sup>1/2/</sup>	880	1,160	43	48	37,840	55,680	35,952	39,614	42	47	1,515,989	1,867,903
Grain Sorghum <sup>1/</sup>	105	85	96	95	10,080	8,075	6,805	7,236	74	64	504,993	464,186
Rice <sup>3/</sup>	178	199	6,900	7,100	12,279	14,129	2,748	2,924	7,185	6,982	197,456	204,141
Tobacco <sup>4/2/</sup>	1.60	1.45	2,330	2,100	3,728	3,045	356	356	2,191	2,261	779,899	804,927
Cotton <sup>5/</sup>	379	307	968	1,048	764	670	10,489	7,755	879	849	19,207	13,711
All Hay <sup>6/</sup>	4,050	4,150	1.86	2.19	7,528	9,075	61,625	60,439	2.44	2.49	150,304	150,500

<sup>1/</sup> Yield and production in bushels.

<sup>2/</sup> Carried forward from earlier months.

<sup>3/</sup> Yield in pounds and production in cwt.

<sup>4/</sup> Yield and production in pounds.

<sup>5/</sup> Yield in pounds and production in 480 pound bales.

<sup>6/</sup> Yield and production in tons.

The complete NASS Report can be accessed at:

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

## U.S. Hog Inventory up 2 Percent

**U.S. inventory** of all hogs and pigs on September 1, 2008 was 68.7 million head. This was up 2 percent from September 1, 2007 and up 1 percent from June 1, 2008.

**Breeding inventory**, at 6.05 million head, was down 3 percent from last year and down 1 percent from the previous quarter. **Market hog inventory**, at 62.6 million head, was up 3 percent from last year and up 2 percent from last quarter.

**The June-August 2008 pig crop**, at 29.3 million head, was up 1 percent from 2007 and up 10 percent from 2006. Sows farrowing during this period totaled 3.08 million head, down 2 percent from 2007 but up 6 percent from 2006. The sows farrowed during this quarter represented 51 percent of the breeding herd. The average pigs saved per litter was 9.51 for the June-August 2008 period, compared to 9.29 last year. Pigs saved per litter by size of operation ranged from 7.80 for operations with 1-99 hogs and pigs to 9.60 for operations with more than 5,000 hogs and pigs

### Hogs and Pigs: Breeding, Market, and Total Inventory By Selected States and United States, September 1, 2007 - 2008 <sup>1/</sup>

State	Breeding		Market		Total	
	2007	2008	2007	2008	2007	2008
	<i>1,000 Head</i>					
Arkansas	85	95	205	220	290	315
Illinois	450	450	3,750	3,950	4,200	4,400
Iowa	1,070	1,070	17,830	18,730	18,900	19,800
Kansas	180	170	1,790	1,660	1,970	1,830
<b>Missouri</b>	<b>385</b>	<b>365</b>	<b>2,765</b>	<b>2,835</b>	<b>3,150</b>	<b>3,200</b>
Nebraska	365	355	2,985	2,995	3,350	3,350
Oklahoma	400	400	2,050	2,060	2,450	2,460
Texas	100	110	1,020	1,030	1,120	1,140
United States	6,209	6,049	61,069	62,607	67,279	68,657

1/ May not add due to rounding.

### Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop, United States, December – November 2007 - 2008

Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	2007	2008	2007	2008	2007	2008
	<i>1,000 Head</i>		<i>Number</i>		<i>1,000 Head</i>	
December <sup>1/</sup>	960	1,017	9	9	8,712	9,381
January	972	1,028	9	9	8,841	9,502
February	973	1,026	9	9	8,843	9,505
March	1,023	1,060	9	9	9,346	9,910
April	1,006	1,013	9	9	9,290	9,507
May	1,004	1,019	9	9	9,260	9,583
June	1,046	1,046	9	9	9,727	9,916
July	1,040	1,021	9	10	9,680	9,721
August	1,046	1,009	9	10	9,687	9,614
September	1,078		9		9,993	
October	1,062		9		9,872	
November	1,040		9		9,646	
<b>Total</b>	<b>12,250</b>		<b>9</b>		<b>112,898</b>	

1/ December preceding year.

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

### August Milk Production

State	Milk Cows <sup>1/</sup>		Milk Per Cows <sup>2/</sup>		Milk Production <sup>2/</sup>	
	2007	2008	2007	2008	2007	2008
	1000 Head		Pounds		Million Pounds	
IL	103	102	1,480	1,455	152	148
IN	166	166	1,670	1,605	277	266
IA	215	215	1,640	1,660	353	357
KS	108	113	1,600	1,770	173	200
KY	88	88	1,035	1,000	91	88
<b>MO</b>	<b>109</b>	<b>112</b>	<b>1,170</b>	<b>1,110</b>	<b>128</b>	<b>124</b>
OH	276	282	1,470	1,500	406	423
TX	348	385	1,670	1,770	581	681
<b>23-State</b>	<b>8,330</b>	<b>8,467</b>	<b>1,719</b>	<b>1,717</b>	<b>14,323</b>	<b>14,539</b>

<sup>1/</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2/</sup> 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, Aug 2008

Product	Aug 2008	Change From	
		Aug 2007	Jul 2008
	1,000 Pounds	Percent	
<b>Butter</b>	115,819	4.4	1.4
<b>Cheese</b>	338,622	8.6	-0.8
American Types	821,271	3.0	1.0
Total			
	1,000 Gallons	Percent	
<b>Frozen Products</b>			
Ice Cream, Hard	78,621	-1.4	-5.8
Ice Cream, Lowfat, Total	36,730	-0.4	-8.6
Ice Cream, Nonfat, Hard	1,288	-0.9	26.6
Sherbet, Hard	4,677	-7.0	-10.4
Frozen Yogurt, Total	4,866	-15.8	-10.9
	1,000 Pounds	Percent	
<b>Dry Whey Products</b>			
Dry Whey, Human	57,753	-12.3	5.2
Dry Whey, Animal	5,823	-20.9	12.5
Dry Whey, Total	63,576	-13.1	5.8

<sup>1/</sup> 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	August		Jan - Aug	
	2007	2008	2007	2008
	1,000			
<b>Broiler-Type</b>				
19 States <sup>1/</sup>	800,542	773,454	6,227,333	6,255,638
U.S.	826,599	799,625	6,416,472	6,459,543
<b>Egg-Type</b>				
U.S.	36,930	36,301	302,352	317,806

<sup>1/</sup> 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 <sup>1/</sup>

Commodity	Unit	Missouri			U.S.
		Sep 2007*	Aug 2008	Sep 2008 <sup>2/</sup>	Sep 2008 <sup>2/</sup>
		Dollars			
Winter Wheat	Bu	6.63	6.07	5.20	6.63
Corn	Bu	3.24	5.48	5.20	5.17
Soybeans	Bu	8.35	13.00	12.00	11.70
Sorghum	Cwt	6.27	8.74	8.70	8.39
<b>BALED HAY <sup>2/</sup></b>					
All Hay	Ton	108.00	96.00	103.00	161.00
Alfalfa	Ton	150.00	160.00	170.00	176.00
Other	Ton	90.00	85.00	90.00	122.00
<b>ALL BEEF</b>					
Cows <sup>3/</sup>	Cwt	48.70	57.70	55.00	56.00
Steers & Heifers	Cwt	113.00	107.00	105.00	99.50
Cattle <sup>4/</sup>	Cwt	98.90	96.20	94.00	94.90
Calves	Cwt	120.00	114.00	113.00	116.00
<b>ALL HOGS</b>					
Sows	Cwt	35.80	38.60	47.80	50.40
Barrows & Gilts	Cwt	40.80	57.40	48.20	53.90
All Hogs	Cwt	40.40	55.30	48.20	53.70
Market Eggs <sup>2/</sup>	Doz	0.900	0.730	0.810	0.856
<b>MILK</b>					
Fluid Grade <sup>5/</sup>	Cwt	22.90	19.60		18.00
Manufacturing Grade <sup>5/</sup>	Cwt	19.30	16.10		17.40
All Milk <sup>5/</sup>	Cwt	22.80	19.50	18.80	18.00
<b>HOG/CORN Ratio <sup>6/</sup></b>		12.47	10.09	9.27	10.39

<sup>1/</sup> 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.

<sup>2/</sup> Mid-month prices.

<sup>3/</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>4/</sup> "Cows" and "Steers & Heifers" combined.

<sup>5/</sup> Missouri August fat test %: all milk 3.57, fluid grade 3.57, mfg grade 3.61.

U.S. September fat test %: all milk 3.64, fluid grade 3.64, mfg grade 3.88.

<sup>6/</sup> "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>

### August 2008 Egg Production

State	Number of Layers on Hand <sup>1/</sup>	Eggs per 100 for All Layers	Total Production
	1,000	Number	Million Eggs
AR	13,262	2,036	270
IL	5,394	2,243	121
IA	53,251	2,270	1,209
<b>MO</b>	6,327	2,371	150
NE	9,674	2,440	236
U.S.	335,060	2,252	7,547

<sup>1/</sup> 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>

## Grain Stocks September 1, 2007-2008

Crop and Position	Missouri		United States	
	2007	2008	2007	2008
<i>Thousand Bushels</i>				
<b>Corn</b>				
On – Farms	11,500	13,000	460,100	499,950
Off – Farms <sup>1/</sup>	18,165	20,974	843,547	1,124,200
Totals	29,665	33,974	1,303,647	1,624,150
<b>Soybeans</b>				
On – Farms	7,600	3,300	143,000	47,000
Off – Farms <sup>1/</sup>	11,818	6,065	430,810	158,034
Totals	19,418	9,365	573,810	205,034
<b>Sorghum</b>				
On – Farms	250	550	2,150	3,550
Off – Farms <sup>1/</sup>	334	526	29,903	49,200
Totals	584	1,076	32,053	52,750
<b>All Wheat</b>				
On – Farms	2,800	10,000	495,000	635,000
Off – Farms <sup>1/</sup>	27,132	29,984	1,221,927	1,221,576
Totals	29,932	39,984	1,716,927	1,856,576

<sup>1/</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.

*The complete NASS Report can be accessed at:*

<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1079>

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

Cattle on Feed – October 17th

Catfish Processing – October 21<sup>st</sup>

Livestock Slaughter – October 24<sup>th</sup>

Cotton Ginnings – October 24<sup>1</sup>

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