

## 2015 Crop Production

### Wisconsin

**Corn for grain** production in Wisconsin during 2015 is estimated at 492 million bushels. This estimate is down 3 percent from the November 1 forecast but up 1 percent from 2014. Wisconsin's corn for grain yield is estimated at 164 bushels per acre, 1 bushel less than the November 1 forecast, but 8 bushels above 2014. This is the highest yield on record, 3 bushels above the previous record set in 2010. Area harvested for grain is estimated at 3.00 million acres, down 60,000 acres from the November 1 forecast and 110,000 acres below 2014. Corn planted for all purposes in 2015 is estimated at 4.00 million acres, down 50,000 acres from the November 1 estimate but unchanged from 2014.

**Corn for silage** production is estimated at 18.9 million tons, up 20 percent from 2014. The silage yield estimate of 19.5 tons per acre is 1.0 ton per acre higher than 2014. Producers harvested 970,000 acres of corn for silage, an increase of 120,000 acres from 2014.

**Soybean** production is estimated at 92.6 million bushels in 2015, down slightly from the November 1 forecast but 18 percent above 2014. Wisconsin soybean growers averaged 49.5 bushels per acre in 2015. This is 1 percent below the November 1 forecast but 4.5 bushels above the 2014 yield. The harvested acreage of 1.87 million is up 10,000 from the November 1 estimate and 80,000 acres above 2014. Soybean planted acreage, at 1.88 million acres, is up 4 percent from 2014.

**All hay** production for the state is estimated at 4.07 million tons, down 16 percent from the 4.87 million tons produced in 2014. Producers averaged 2.70 tons per acre, down from 2.97 tons in 2014. All hay harvested acres is estimated at 1.51 million acres, down 130,000 acres from 2014.

**Alfalfa and alfalfa mixtures** production is estimated at 3.36 million tons, down 19 percent from 2014. Producers averaged 2.8 tons per acre, 0.5 ton below the 2014 yield. Harvested acres, at 1.20 million, were down 50,000 acres from 2014. Wisconsin producers seeded 440,000 acres of alfalfa in 2015, down 10,000 from the previous year.

**Other hay** production is estimated at 713,000 tons, 4 percent below 2014. Producers averaged 2.3 tons per acre, up from 1.9 tons per acre in 2014. Harvested acres of other hay, at 310,000, is down 80,000 acres from the previous year.

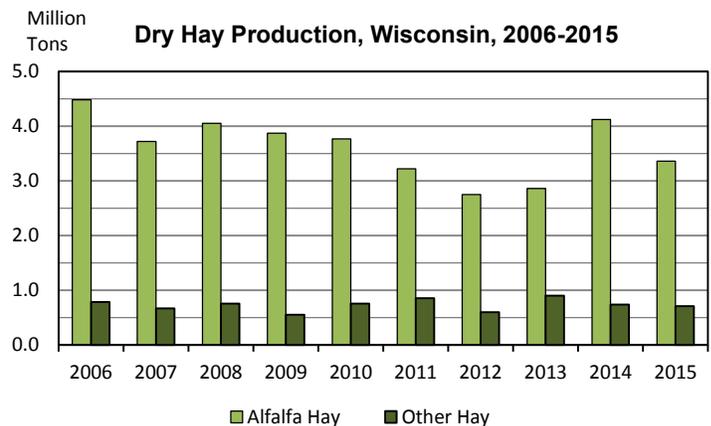
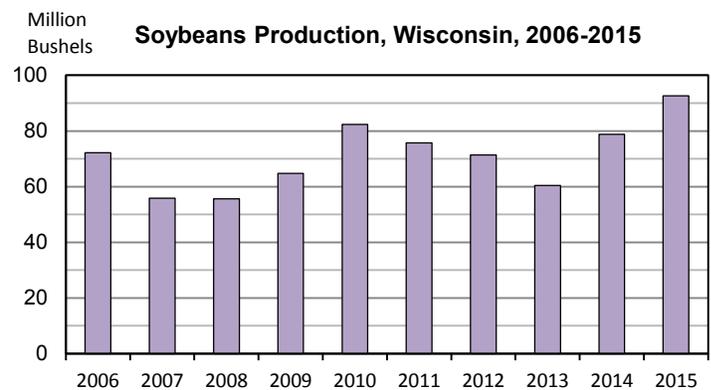
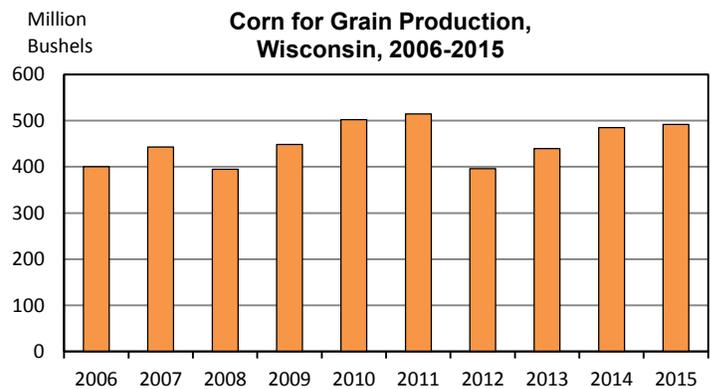
**Potato** production for 2015 is estimated at 27.5 million cwt, up 5 percent from 2014. Yield is estimated at 440 cwt, up 30 cwt from 2014. Planted and harvested acres are estimated at 63,000 acres and 62,500 acres, respectively.

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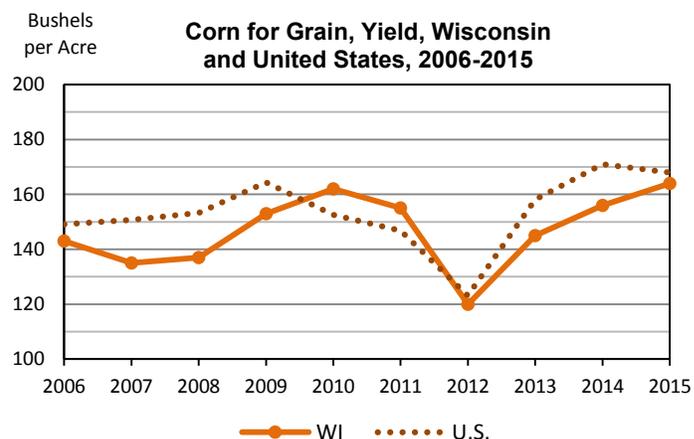
*This Farm Reporter contains the results from the following surveys. Thanks for your help!*  
December Agricultural Survey  
Grain Stocks



**United States**

**Corn for grain** production is estimated at 13.6 billion bushels, down slightly from the November forecast and down 4 percent from the 2014 estimate. The average yield in the United States is estimated at 168.4 bushels per acre. This is down 0.9 bushel from the November forecast and 2.6 bushels below the 2014 average yield of 171.0 bushels per acre. Area harvested for grain is estimated at 80.7 million acres, up slightly from the November forecast but down 3 percent from the 2014 acreage.

**Soybean** production in 2015 totaled a record 3.93 billion bushels, down 1 percent from the November forecast but up slightly from 2014. The average yield per acre is estimated at a record high 48.0 bushels, 0.3 bushel below the November forecast but 0.5 bushel above the 2014 yield. Harvested area is down less than 1 percent from last year's record acreage to 81.8 million acres.



**2015 Crop Production Summary – Wisconsin and United States**

Crop	Area harvested		Yield per acre		Production		
	2014	2015	2014	2015	2014	2015	
	1,000 acres		Units		1,000 units		
<b>WISCONSIN</b>							
Barley	bushels	16	15	47.0	55.0	752	825
Corn for Grain	bushels	3,110	3,000	156.0	164.0	485,160	492,000
Corn for Silage	tons	850	970	18.5	19.5	15,725	18,915
Hay, all	tons	1,640	1,510	2.97	2.70	4,866	4,073
Hay, Alfalfa	tons	1,250	1,200	3.30	2.80	4,125	3,360
Hay, Other	tons	390	310	1.90	2.30	741	713
Oats	bushels	140	195	62.0	72.0	8,680	14,040
Potatoes, fall	cwt	64.0	62.5	410	440	26,240	27,500
Soybeans	bushels	1,790	1,870	44.0	49.5	78,760	92,565
Wheat, Winter	bushels	250	210	65.0	74.0	16,250	15,540
<b>UNITED STATES</b>							
Barley	bushels	2,497	3,109	72.7	68.9	181,542	214,297
Corn for Grain	bushels	83,136	80,749	171.0	168.4	14,215,532	13,601,198
Corn for Silage	tons	6,371	6,221	20.1	20.4	128,048	126,894
Hay, all	tons	57,062	54,437	2.45	2.47	139,923	134,388
Hay, Alfalfa	tons	18,395	17,778	3.34	3.32	61,451	58,974
Hay, Other	tons	38,667	36,659	2.03	2.06	78,472	75,414
Oats	bushels	1,035	1,276	67.9	70.2	70,232	89,535
Potatoes, fall	cwt	931.1	937.7	434	431	403,703	404,513
Soybeans	bushels	82,591	81,849	47.5	48.0	3,927,090	3,929,885
Wheat, Winter	bushels	32,299	32,257	42.6	42.5	1,377,216	1,370,188

**U.S. Corn Supply and Use <sup>1</sup>**

CORN	2013-2014	2014-2015 (Est.)	2015-2016 <sup>2</sup> Projections
	Million bushels		
Beginning Stocks	821	1,232	1,731
Production	13,829	14,216	13,601
Imports	36	32	40
<b>Supply, total</b>	<b>14,686</b>	<b>15,479</b>	<b>15,372</b>
Feed & Residual	5,040	5,315	5,300
Food, Seed & Industrial	6,493	6,568	6,570
<b>Domestic, total</b>	<b>11,534</b>	<b>11,883</b>	<b>11,870</b>
Exports	1,920	1,864	1,700
<b>Use, total</b>	<b>13,454</b>	<b>13,748</b>	<b>13,570</b>
<b>Ending Stocks, total</b>	<b>1,232</b>	<b>1,731</b>	<b>1,802</b>
Avg. farm price (\$/bu)	4.46	3.70	3.30 - 3.90

<sup>1</sup> Source: World Agricultural Supply and Demand Estimates Report  
<sup>2</sup> Preliminary

**U.S. Soybean Supply and Use <sup>1</sup>**

SOYBEANS	2013-2014	2014-2015 (Est.)	2015-2016 <sup>2</sup> Projections
	Million bushels		
Beginning Stocks	141	92	191
Production	3,358	3,927	3,930
Imports	72	33	30
<b>Supply, total</b>	<b>3,570</b>	<b>4,052</b>	<b>4,150</b>
Crushings	1,734	1,873	1,890
Exports	1,638	1,843	1,690
Seed	97	96	92
Residual	10	49	39
<b>Use, total</b>	<b>3,478</b>	<b>3,862</b>	<b>3,711</b>
<b>Ending stocks</b>	<b>92</b>	<b>191</b>	<b>440</b>
Avg. farm price (\$/bu)	13.00	10.10	8.05 - 9.55

<sup>1</sup> Source: World Agricultural Supply and Demand Estimates Report  
<sup>2</sup> Preliminary

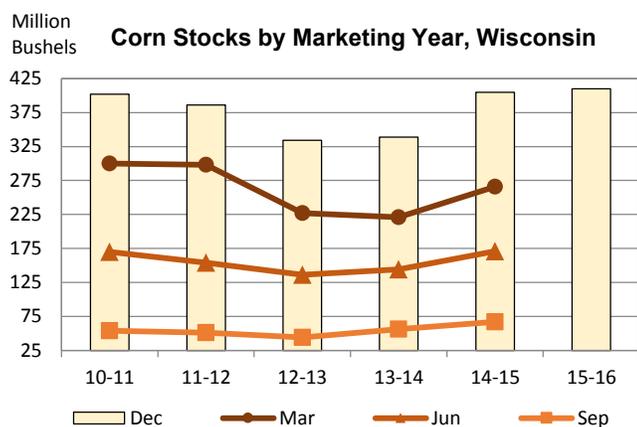
## Grain Stocks

### Wisconsin

**Wisconsin corn stocks** in all positions on December 1, 2015, totaled 410 million bushels. This is 1 percent above the same quarter a year ago. Of the total stocks, 57 percent were stored in on-farm storage facilities. The indicated quarterly disappearance from September to November totaled 149 million bushels, 10 percent more than the 136 million bushels used during the same quarter last year.

**Wisconsin soybeans** stored in all positions on December 1, 2015, totaled 64.0 million bushels, 21 percent above the 52.8 million bushels on hand December 1, 2015. Of the total stocks, 35 percent were stored on-farm. Indicated disappearance for the September to November quarter was 36.0 million bushels, 26 percent more than the 28.5 million bushels used during the same quarter last year.

**Wisconsin oat stocks** stored in all positions on December 1, 2015, totaled 13.6 million bushels, 45 percent above the 9.37 million bushels on hand December 1, 2014. Of the total stocks, 39 percent were stored on-farm. Indicated disappearance for the September to November quarter was 465 thousand bushels.



### United States

**Corn** stored in all positions on December 1, 2015 totaled 11.2 billion bushels, up slightly from December 1, 2014. Of the total stocks, 6.83 billion bushels are stored on farms, down 4 percent from a year earlier. Off-farm stocks, at 4.38 billion bushels, are up 6 percent from a year ago. The September - November 2015 indicated disappearance is 4.12 billion bushels, compared with 4.24 billion bushels during the same period last year.

**Soybeans** stored in all positions on December 1, 2015 totaled 2.71 billion bushels, up 7 percent from December 1, 2014. Soybean stocks stored on farms totaled 1.31 billion bushels, up 8 percent from a year ago. Off-farm stocks, at 1.41 billion bushels, are up 7 percent from last December. Indicated disappearance for September - November 2015 totaled 1.41 billion bushels, down 6 percent from the same period a year earlier.

**All wheat** stored in all positions on December 1, 2015 totaled 1.74 billion bushels, up 14 percent from a year ago. On-farm stocks are estimated at 503 million bushels, up 6 percent from last December. Off-farm stocks, at 1.23 billion bushels, are up 17 percent from a year ago. The September - November 2015 indicated disappearance is 359 million bushels, 5 percent below the same period a year earlier.

**Barley** stored in all positions on December 1, 2015 totaled 181 million bushels, up 16 percent from December 1, 2014. On-farm stocks are estimated at 96.7 million bushels, 30 percent above a year ago. Off-farm stocks, at 84.5 million bushels, are 3 percent above December 2014. The September - November 2015 indicated disappearance is 37.8 million bushels, 60 percent above the same period a year earlier.

**Oats** stored in all positions on December 1, 2015 totaled 82.9 million bushels, up 24 percent from the stocks on December 1, 2014. Of the total stocks on hand, 36.8 million bushels are stored on farms, up 17 percent from a year ago. Off-farm stocks totaled 46.1 million bushels, up 29 percent from the previous year. Indicated disappearance during September - November 2015 totaled 11.0 million bushels.

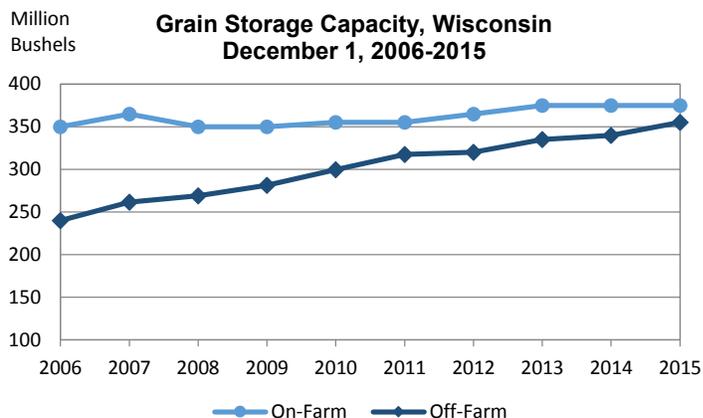
**Grain Stocks by Position, December 1, Wisconsin and United States**

Position and Grain	Wisconsin			United States		
	December 1, 2014	December 1, 2015	'15 as % of '14	December 1, 2014	December 1, 2015	'15 as % of '14
	1,000 bushels		Percent	1,000 bushels		Percent
<b>On-Farm Stocks</b>						
Barley	(D)	(D)	(X)	74,510	96,650	130
Corn	280,000	235,000	84	7,087,000	6,829,000	96
Oats	3,700	4,700	127	31,300	36,750	117
Soybeans	17,500	22,500	129	1,218,000	1,309,500	108
Wheat	(D)	(D)	(X)	472,800	503,450	106
<b>Off-Farm Stocks <sup>1</sup></b>						
Barley	4,274	4,168	98	81,625	84,474	103
Corn	125,323	174,857	140	4,124,380	4,382,605	106
Oats	5,672	8,887	157	35,670	46,135	129
Soybeans	35,273	41,468	118	1,309,744	1,405,317	107
Wheat	32,598	33,215	102	1,056,830	1,234,917	117
<b>Total Stocks</b>						
Barley	(D)	(D)	(X)	156,135	181,124	116
Corn	405,323	409,857	101	11,211,380	11,211,605	100
Oats	9,372	13,587	145	66,970	82,885	124
Soybeans	52,773	63,968	121	2,527,744	2,714,817	107
Wheat	(D)	(D)	(X)	1,529,630	1,738,367	114

(D) Withheld to avoid disclosing data for individual operations. (X) Not Applicable. <sup>1</sup> Includes stocks at mills, elevators, warehouses, terminals, and processors.

## Grain Storage Capacity

Wisconsin on-farm storage capacity on December 1, 2015, was 375 million bushels, unchanged from December 1, 2014. Wisconsin's 370 off-farm storage facilities have a storage capacity of 355 million bushels, 15 million bushels above the previous year. As of December 1, 2015, Wisconsin had a total of 730 million bushels of storage capacity.



### Grain Stocks Storage Capacity – Wisconsin and Selected States: December 1, 2014 and 2015

State	On-Farm Storage Capacity		Off-Farm Capacity		Total Storage Capacity	
	2014	2015	2014	2015	2014	2015
	1,000 bushels					
Illinois	1,460,000	1,470,000	1,460,000	1,470,000	2,920,000	2,940,000
Iowa	2,000,000	2,000,000	1,430,000	1,500,000	3,430,000	3,500,000
Kansas	380,000	380,000	1,025,000	1,050,000	1,405,000	1,430,000
Minnesota	1,500,000	1,500,000	720,000	750,000	2,220,000	2,250,000
Missouri	520,000	530,000	245,000	250,000	765,000	780,000
Nebraska	1,180,000	1,180,000	896,950	928,940	2,076,950	2,108,940
North Dakota	880,000	880,000	409,000	424,000	1,289,000	1,304,000
South Dakota	690,000	710,000	345,000	394,000	1,035,000	1,104,000
<b>Wisconsin</b>	<b>375,000</b>	<b>375,000</b>	<b>340,000</b>	<b>355,000</b>	<b>715,000</b>	<b>730,000</b>
United States	13,135,000	13,235,000	10,659,320	10,977,120	23,794,320	24,212,120

## Hay Stocks

Dry hay stored on Wisconsin farms as of December 1, 2015, is estimated at 2.90 million tons, a decrease of 2 percent from December 2014. Disappearance from May 1, 2015, through December 1, 2015, totaled 1.90 million tons, compared with 2.34 million tons for the same period in 2014.

All hay stored on United States farms as of December 1, 2015 totaled 95.0 million tons, up 3 percent from the previous December. Disappearance from May 1, 2015 - December 1, 2015 totaled 63.9 million tons, compared with 67.0 million tons for the same period a year earlier. December 1 hay stocks were up from 2014, despite a decrease in overall hay production. Producers in persistent drought affected areas preserved stocks for winter feeding. Limited quantities are available to purchase in these impacted areas.

## Winter Wheat Seedings

Wisconsin producers seeded 295,000 acres of winter wheat for the 2016 crop year. This is an increase of 65,000 acres from the plantings in 2015. Nationally, planted area for harvest in 2016 is estimated at 36.6 million acres, down 7 percent from 2015 and 14 percent below 2014

### Hay Stocks on Farms – Wisconsin and United States: May 1 and December 1, 2014-2015

	May 1		December 1	
	2014	2015	2014	2015
	1,000 tons			
Wisconsin	435	730	2,960	2,900
United States	19,176	24,517	92,052	94,993

### Hay, On-Farm Stocks, Wisconsin, 2006-2015

