

2018 Crop Production

Wisconsin

Corn for grain production in Wisconsin during 2018 is estimated at 545 million bushels. This estimate is up 3 percent from the November 1 forecast and up 7 percent from 2017. Wisconsin's corn for grain yield is estimated at 172 bushels per acre, 5 bushels below the November 1 forecast. Area harvested for grain is estimated at 3.17 million acres, up 170,000 acres from the November 1 forecast and 240,000 acres above 2017. Corn planted for all purposes in 2018 is estimated at 3.90 million acres, equal to the November 1 estimate and 2017.

Corn for silage production is estimated at 13.4 million tons, down 20 percent from 2017. The silage yield estimate of 20.0 tons per acre is 1.0 ton higher than 2017. Producers harvested 670,000 acres of corn for silage, a decrease of 210,000 acres from 2017.

Soybean production is estimated at 106 million bushels in 2018, down 1.47 million bushels from the November 1 forecast but 4 percent above 2017. Wisconsin soybean growers averaged 49.0 bushels per acre in 2018, unchanged from the November 1 forecast but 1.5 bushels above the 2017 yield. The harvested acreage of 2.16 million is down 30,000 acres from the November 1 estimate but 20,000 acres above 2017. Soybean planted acreage, at 2.20 million acres, is up 2 percent from 2017. Soybean planted and harvested acreage set new record highs.

All hay production for the state is estimated at 2.95 million tons, down 16 percent from 3.52 million tons in 2017. Producers averaged 2.17 tons per acre, down from 2.77 tons per acre in 2017. All hay harvested acres are estimated at 1.36 million acres, up 90,000 acres from 2017.

Alfalfa and alfalfa mixtures production is estimated at 1.93 million tons, down 29 percent from 2.73 million tons in 2017. Producers averaged 2.35 tons per acre, down from 3.00 tons per acre in 2017. Harvested acres, at 820,000, were down 90,000 acres from 2017. Wisconsin producers seeded 310,000 acres of new seedings of alfalfa and alfalfa mixtures in 2018, up 10,000 acres from the previous year.

Other hay production is estimated at 1.03 million tons, 30 percent above 2017. Producers averaged 1.90 tons per acre, down from 2.20 tons per acre in 2017. Harvested acres of other hay, at 540,000, were up 180,000 acres from the previous year.

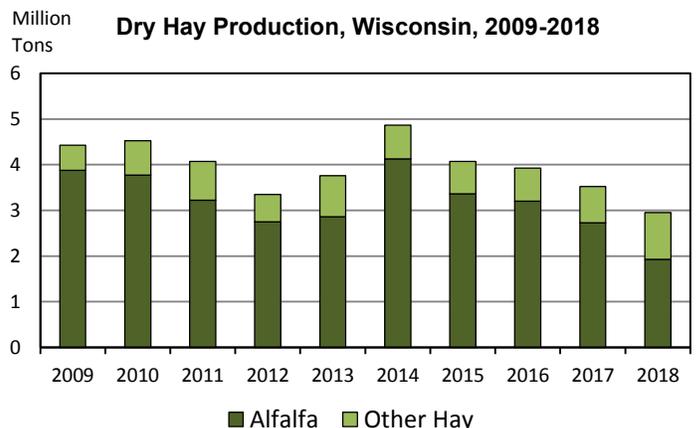
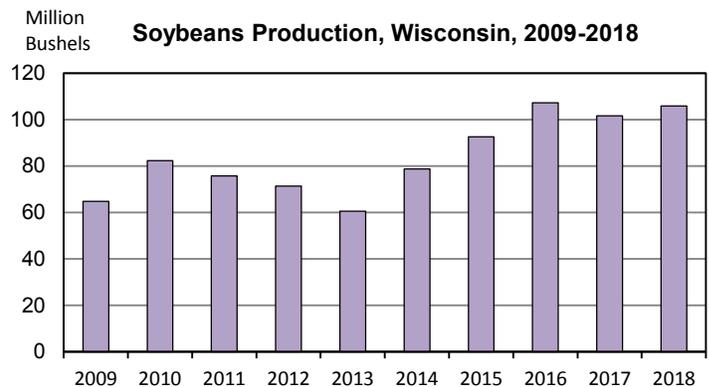
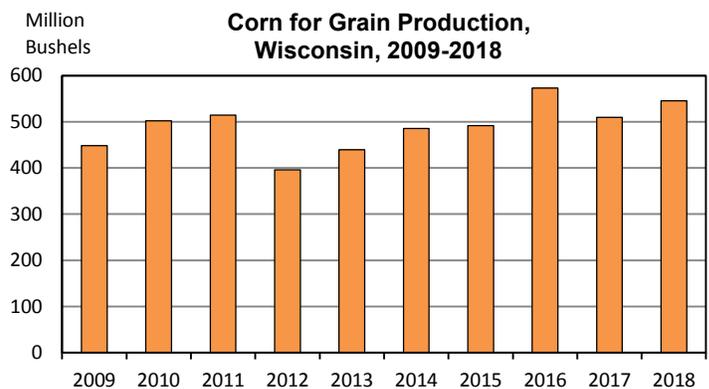
Potato production for 2018 is estimated at 28.4 million cwt, down 5 percent from 2017. Yield is estimated at 400 cwt per acre, down 25 cwt per acre from last year. Planted and harvested acres are estimated at 72,000 acres and 71,000 acres, respectively.

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Inside This Issue:

- 2018 Crop Production
- Grain Stocks
- Hay Stocks
- Winter Wheat Plantings
- Grain Storage Capacity

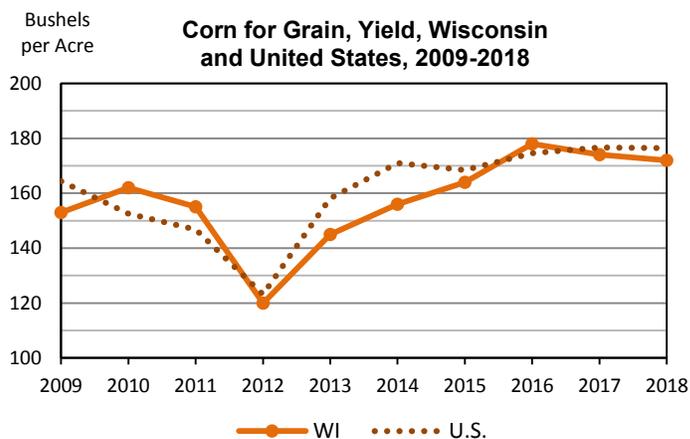
This Farm Reporter contains the results from the following surveys. Thanks for your help!
December Agricultural Survey
Off-Farm Grain Stocks Report



United States

Corn for grain production in 2018 was estimated at 14.4 billion bushels, down 1 percent from the 2017 estimate. The average yield in the United States was estimated at 176.4 bushels per acre, 0.2 bushel below the 2017 record yield of 176.6 bushels per acre. Area harvested for grain was estimated at 81.7 million acres, down 1 percent from the 2017 estimate.

Soybean production in 2018 totaled a record 4.54 billion bushels, up 3 percent from 2017. The average yield per acre was estimated at 51.6 bushels, up 2.3 bushels from 2017, but 0.3 bushel below the record yield in 2016. Harvested area was down 2 percent from 2017 to 88.1 million acres.



Crop Production Summary – Wisconsin and United States: 2017-2018

Crop	Area planted		Area harvested		Yield per acre		Production	
	2017	2018	2017	2018	2017	2018	2017	2018
	<i>(1,000 acres)</i>				<i>(units per acre)</i>		<i>(1,000 units)</i>	
WISCONSIN								
Corn for Grain ¹bushels	3,900	3,900	2,930	3,170	174.0	172.0	509,820	545,240
Corn for Silage.....tons	(NA)	(NA)	880	670	19.0	20.0	16,720	13,400
Hay, alltons	(NA)	(NA)	1,270	1,360	2.77	2.17	3,522	2,953
Hay, Alfalfatons	(NA)	(NA)	910	820	3.00	2.35	2,730	1,927
Hay, Othertons	(NA)	(NA)	360	540	2.20	1.90	792	1,026
Oats.....bushels	180	200	85	90	59.0	61.0	5,015	5,490
Potatoes, fallcwt	71.0	72.0	70.0	71.0	425	400	29,750	28,400
Soybeans.....bushels	2,150	2,200	2,140	2,160	47.5	49.0	101,650	105,840
Wheat, Winterbushels	210	240	170	200	68.0	71.0	11,560	14,200
UNITED STATES								
Corn for Grainbushels	90,167	89,129	82,733	81,740	176.6	176.4	14,609,407	14,420,101
Corn for Silage.....tons	(NA)	(NA)	6,385	6,113	20.0	19.9	127,434	121,361
Hay, alltons	(NA)	(NA)	52,777	52,839	2.43	2.34	128,207	123,600
Hay, Alfalfatons	(NA)	(NA)	17,007	16,608	3.28	3.17	55,812	52,634
Hay, Othertons	(NA)	(NA)	35,770	36,231	2.02	1.96	72,395	70,966
Oats.....bushels	2,589	2,746	804	865	61.7	64.9	49,585	56,130
Potatoes, fallcwt	919.7	924.9	914.7	918.6	445	458	406,800	420,281
Soybeans.....bushels	90,162	89,196	89,542	88,110	49.3	51.6	4,411,633	4,543,883
Wheat, Winterbushels	32,726	32,535	25,301	24,742	50.2	47.9	1,270,282	1,183,939

(NA) Not available. ¹Area planted for all purposes.

U.S. Corn Supply and Use ¹

CORN	2016-2017	2017-2018 (Est.)	2018-2019 ² Projections
	<i>(million bushels)</i>		
Beginning Stocks	1,737	2,293	2,140
Production	15,148	14,609	14,420
Imports	57	36	40
Supply, total	16,942	16,939	16,600
Feed & Residual	5,470	5,304	5,375
Food, Seed & Industrial	6,885	7,056	7,040
Domestic, total	12,355	12,360	12,415
Exports	2,294	2,438	2,450
Use, total	14,649	14,799	14,865
Ending Stocks, total	2,293	2,140	1,735
Avg. farm price (\$/bu)	3.36	3.36	3.35 - 3.85

¹Source: World Agricultural Supply and Demand Estimates Report

²Preliminary

U.S. Soybean Supply and Use ¹

SOYBEANS	2016-2017	2017-2018 (Est.)	2018-2019 ² Projections
	<i>(million bushels)</i>		
Beginning Stocks	197	302	438
Production	4,296	4,412	4,544
Imports	22	22	20
Supply, total	4,516	4,735	5,002
Crushings	1,901	2,055	2,090
Exports	2,166	2,129	1,875
Seed	105	104	96
Residual	42	9	31
Use, total	4,214	4,297	4,092
Ending stocks	302	438	910
Avg. farm price (\$/bu)	9.47	9.33	8.10 - 9.10

¹Source: World Agricultural Supply and Demand Estimates Report

²Preliminary

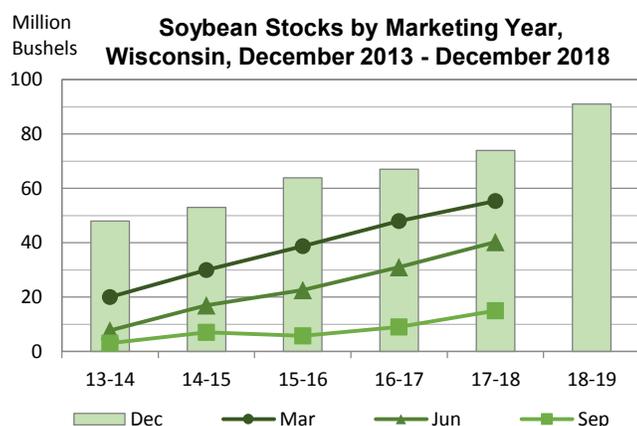
Grain Stocks

Wisconsin

Corn stored in all positions in Wisconsin on December 1, 2018, totaled 435 million bushels. This is a 2 percent decrease from a year ago. Of the total stocks, 61 percent were stored in on-farm storage facilities. The indicated quarterly disappearance from September – November totaled 217 million bushels, 21 percent greater than the 179 million bushels from the same period last year.

Soybeans stored in all positions in Wisconsin on December 1, 2018, totaled 91.0 million bushels, the largest amount on record, 22 percent higher than the previous record of 74.3 million bushels on hand December 1, 2017. Of the total stocks, 36 percent were stored on-farm. Indicated disappearance for September – November was 29.9 million bushels, 18 percent less than the 36.4 million bushels from the same period last year.

Oats stored on-farm in Wisconsin on December 1, 2018, totaled 2.60 million bushels, up 11 percent from December 1, 2017.



United States

Corn stored in all positions on December 1, 2018 totaled 12.0 billion bushels, down 5 percent from December 1, 2017. Of the total stocks, 7.45 billion bushels are stored on farms, down 4 percent from a year earlier. Off-farm stocks, at 4.50 billion bushels, are down 7 percent from a year ago. The September - November 2018 indicated disappearance is 4.61 billion bushels, compared with 4.34 billion bushels during the same period last year.

Soybeans stored in all positions on December 1, 2018 totaled 3.74 billion bushels, up 18 percent from December 1, 2017. Soybean stocks stored on farms totaled 1.94 billion bushels, up 30 percent from a year ago. Off-farm stocks, at 1.80 billion bushels, are up 7 percent from last December. Indicated disappearance for September - November 2018 totaled 1.25 billion bushels, down 20 percent from the same period a year earlier.

All wheat stored in all positions on December 1, 2018 totaled 2.00 billion bushels, up 7 percent from a year ago. On-farm stocks are estimated at 504 million bushels, up 28 percent from last December. Off-farm stocks, at 1.50 billion bushels, are up 1 percent from a year ago. The September - November 2018 indicated disappearance is 390 million bushels, 1 percent below the same period a year earlier.

Barley stored in all positions on December 1, 2018 totaled 153 million bushels, down 4 percent from December 1, 2017. On-farm stocks are estimated at 72.0 million bushels, 3 percent below a year ago. Off-farm stocks, at 80.8 million bushels, are 4 percent below December 2017. The September - November 2018 indicated disappearance is 22.1 million bushels, up 6 percent from the same period a year earlier.

Oats stored in all positions on December 1, 2018 totaled 67.2 million bushels, up 1 percent from the stocks on December 1, 2017. Of the total stocks on hand, 25.4 million bushels are stored on farms, up 9 percent from a year ago. Off-farm stocks totaled 41.8 million bushels, down 3 percent from the previous year. Indicated disappearance during September - November 2018 totaled 7.54 million bushels.

Grain Stocks by Position – Wisconsin and United States: December 1, 2017 and 2018

Position and Grain	Wisconsin			United States		
	December 1, 2017	December 1, 2018	'18 as % of '17	December 1, 2017	December 1, 2018	'18 as % of '17
	<i>(1,000 bushels)</i>		<i>(percent)</i>	<i>(1,000 bushels)</i>		<i>(percent)</i>
On-farm						
Corn	280,000	265,000	95	7,739,000	7,451,000	96
Oats	2,350	2,600	111	23,300	25,410	109
Soybeans	28,500	33,000	116	1,485,000	1,935,000	130
Wheat	(D)	(D)	(X)	394,180	503,980	128
Off-farm ¹						
Corn	163,383	170,227	104	4,827,501	4,501,444	93
Oats	(D)	9,033	(X)	43,166	41,824	97
Soybeans	45,836	58,045	127	1,675,679	1,801,212	107
Wheat	40,621	41,999	103	1,479,335	1,495,304	101
Total all positions						
Corn	443,383	435,227	98	12,566,501	11,952,444	95
Oats	(D)	11,633	(X)	66,466	67,234	101
Soybeans	74,336	91,045	122	3,160,679	3,736,212	118
Wheat	(D)	(D)	(X)	1,873,515	1,999,284	107

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

Hay Stocks

All hay stored on Wisconsin farms as of December 1, 2018, is estimated at 1.75 million tons, a decrease of 34 percent from December 1, 2017. This is a record low amount of hay stored, continuing the recent downward trend. Disappearance from May 1, 2018, through December 1, 2018, totaled 1.68 million tons, compared with 1.69 million tons for the same period in 2017.

All hay stored on United States farms as of December 1, 2018 totaled 79.1 million tons, down 6 percent from the previous December. Disappearance from May 1, 2018 - December 1, 2018 totaled 59.9 million tons, compared with 68.2 million tons for the same period a year earlier. This marks the lowest December 1 hay stocks since the drought of 2012 and second lowest since 1977.

Winter Wheat Seedings

Wisconsin producers seeded 215,000 acres of winter wheat for the 2019 crop year, down 25,000 acres from the previous year. Nationally, winter wheat planted area for harvest in 2019 is estimated at 31.3 million acres, down 4 percent from 2018 and down 4 percent from 2017. This represents the second lowest United States acreage on record. Seedings, which began in early September, fell behind the 5-year average seeding pace in early October and remained behind the 5-year average seeding pace for the duration of the planting season. Seeding was mostly complete by November 11.

Grain Storage Capacity

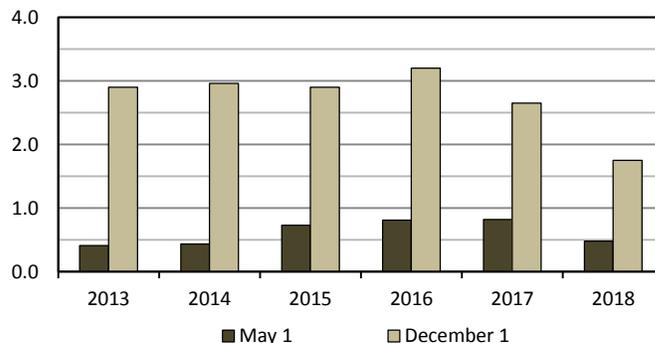
Wisconsin on-farm storage capacity on December 1, 2018, was 375 million bushels, unchanged from December 1, 2017. Wisconsin's 360 off-farm storage facilities have a storage capacity of 380 million bushels, up 20 million bushels from the previous year. Off-farm storage capacity exceeded on-farm storage capacity for the first time on record. As of December 1, 2018, Wisconsin had a total of 755 million bushels of storage capacity.

Hay Stocks on Farms – Wisconsin and United States: May 1 and December 1, 2017-2018

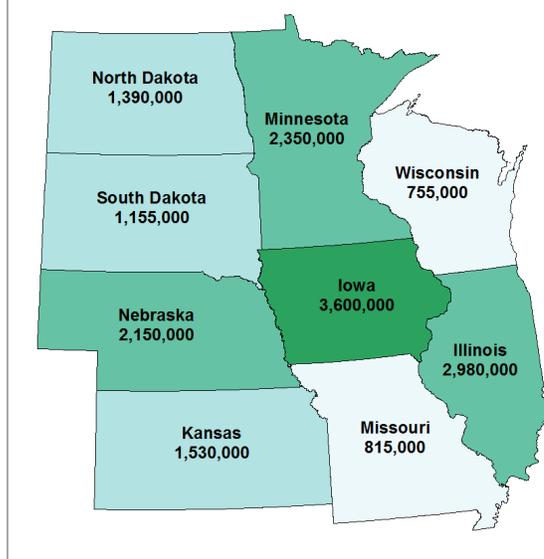
	May 1		December 1	
	2017	2018	2017	2018
	(1,000 tons)			
Wisconsin	820	480	2,650	1,750
United States	24,400	15,348	84,422	79,055

Million Tons

Hay, On-Farm Stocks, Wisconsin, 2013-2018



Total Storage Capacity, December 1, 2018 (1,000 bushels)



Grain Stocks Storage Capacity – Wisconsin and Selected States: December 1, 2017 and 2018

State	On-Farm Storage Capacity		Off-Farm Capacity		Total Storage Capacity	
	2017	2018	2017	2018	2017	2018
	(1,000 bushels)					
Illinois	1,470,000	1,480,000	1,500,000	1,500,000	2,970,000	2,980,000
Iowa	2,100,000	2,100,000	1,470,000	1,500,000	3,570,000	3,600,000
Kansas	380,000	380,000	1,100,000	1,150,000	1,480,000	1,530,000
Minnesota	1,550,000	1,550,000	760,000	800,000	2,310,000	2,350,000
Missouri	540,000	540,000	275,000	275,000	815,000	815,000
Nebraska	1,180,000	1,200,000	930,000	950,000	2,110,000	2,150,000
North Dakota	900,000	915,000	455,000	475,000	1,355,000	1,390,000
South Dakota	710,000	730,000	410,000	425,000	1,120,000	1,155,000
Wisconsin	375,000	375,000	360,000	380,000	735,000	755,000
United States	13,450,000	13,518,000	11,240,405	11,473,210	24,690,405	24,991,210



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