



WISCONSIN FARM REPORTER

January 13, 2020 - Vol. 20, No. 2

Inside This Issue:

- Grain Stocks
- 2019 Crop Production
- Hay Stocks
- Winter Wheat Plantings
- Grain Storage Capacity

The Wisconsin Farm Reporter is compiled from data and reports released by the USDA, National Agricultural Statistics Service (NASS). All NASS data and reports are available free at www.nass.usda.gov

Grain Stocks

Wisconsin

Corn stored in all positions in Wisconsin on December 1, 2019, totaled 384 million bushels. This is a 12 percent decrease from a year ago. Of the total stocks, 68 percent were stored in on-farm storage facilities. The indicated quarterly disappearance from September - November totaled 170 million bushels, 21 percent less than the 216 million bushels from the same period the previous year.

Soybeans stored in all positions in Wisconsin on December 1, 2019, totaled 80.4 million bushels, the second largest amount on record, 12 percent lower than the record of 91.0 million bushels on hand December 1, 2018. Of the total stocks, 38 percent were stored on-farm. Indicated disappearance for September - November was 29.2 million bushels, 1 percent above the 28.8 million bushels from the same period the previous year.

Oats stored in all positions in Wisconsin on December 1, 2019, totaled 6.25 million bushels, down 46 percent from the 11.6 million bushels on hand December 1, 2018. Of the total stocks, 36 percent were stored on-farm.

United States

Corn stored in all positions on December 1, 2019 totaled 11.4 billion bushels, down 5 percent from December 1, 2018. Of the total stocks, 7.18 billion bushels are stored on farms, down 4 percent from a year earlier. Off-farm stocks, at 4.21 billion bushels, are down 6 percent from a year ago. The September - November 2019 indicated disappearance is 4.52 billion bushels, compared with 4.54 billion bushels during the same period last year.

Soybeans stored in all positions on December 1, 2019 totaled 3.25 billion bushels, down 13 percent from December 1, 2018. Soybean stocks stored on farms totaled 1.53 billion bushels, down 21 percent from a year ago. Off-farm stocks, at 1.73 billion bushels, are down 5 percent from last December. Indicated disappearance for September - November 2019 totaled 1.22 billion bushels, up 8 percent from the same period a year earlier.

All wheat stored in all positions on December 1, 2019 totaled 1.83 billion bushels, down 9 percent from a year ago. On-farm stocks are estimated at 519 million bushels, up 3 percent from last December. Off-farm stocks, at 1.31 billion bushels, are down 13 percent from a year ago. The September - November 2019 indicated disappearance is 512 million bushels, 35 percent above the same period a year earlier.

Barley stored in all positions on December 1, 2019 totaled 151 million bushels, down 1 percent from December 1, 2018. On-farm stocks are estimated at 87.6 million bushels, 22 percent above a year ago. Off-farm stocks, at 63.6 million bushels, are 21 percent below December 2018. The September - November 2019 indicated disappearance is 38.6 million bushels, 74 percent above the same period a year earlier.

Oats stored in all positions on December 1, 2019 totaled 54.0 million bushels, down 20 percent from the stocks on December 1, 2018. Of the total stocks on hand, 24.8 million bushels are stored on farms, down 3 percent from a year ago. Off-farm stocks totaled 29.2 million bushels, down 30 percent from the previous year. Indicated disappearance during September - November 2019 totaled 6.09 million bushels.

Grain Stocks by Position – Wisconsin and United States: December 1, 2018 and 2019

Position and Grain	Wisconsin			United States		
	December 1, 2018	December 1, 2019	'19 as % of '18	December 1, 2018	December 1, 2019	'19 as % of '18
	<i>(1,000 bushels)</i>		<i>(percent)</i>	<i>(1,000 bushels)</i>		<i>(percent)</i>
On-farm						
Corn	265,000	260,000	98	7,451,000	7,178,000	96
Oats	2,600	2,250	87	25,410	24,770	97
Soybeans	33,000	30,500	92	1,935,000	1,525,000	79
Wheat	(D)	(D)	(X)	504,280	519,470	103
Off-farm ¹						
Corn	170,959	123,991	73	4,485,798	4,210,815	94
Oats	9,042	3,999	44	41,864	29,196	70
Soybeans	58,014	49,853	86	1,810,824	1,726,667	95
Wheat	41,989	33,262	79	1,505,205	1,314,195	87
Total all positions						
Corn	435,959	383,991	88	11,936,798	11,388,815	95
Oats	11,642	6,249	54	67,274	53,966	80
Soybeans	91,014	80,353	88	3,745,824	3,251,667	87
Wheat	(D)	(D)	(X)	2,009,485	1,833,665	91

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

2018 Crop Production

Wisconsin

Corn for grain production in Wisconsin during 2019 is estimated at 450 million bushels. This estimate is down 3 percent from the November 1 forecast and down 17 percent from 2018. Wisconsin's corn for grain yield is estimated at 168 bushels per acre, 5 bushels above the November 1 forecast. Area harvested for grain is estimated at 2.68 million acres, down 160,000 acres from the November 1 forecast and 490,000 acres below 2018. Corn planted for all purposes in 2019 is estimated at 3.80 million acres, down 50,000 from the November 1 estimate and down 3 percent from 2018.

Corn for silage production is estimated at 18.2 million tons, up 36 percent from 2018. The silage yield estimate of 17.5 tons per acre is 2.5 tons lower than 2018. Producers harvested 1.04 million acres of corn for silage, an increase of 370,000 acres from 2018.

Soybean production is estimated at 79.9 million bushels in 2019, up 320,000 bushels from the November 1 forecast but 24 percent below 2018. Wisconsin soybean growers averaged 47.0 bushels per acre in 2019, up 1.0 bushels from the November 1 forecast but 1.0 bushel below the 2018 yield. The harvested acreage of 1.70 million is down 30,000 acres from the November 1 estimate and 480,000 acres below 2018. Soybean planted acreage, at 1.75 million acres, is down 21 percent from 2018.

All dry hay production for the state is estimated at 2.78 million tons, down 6 percent from 2.95 million tons in 2018. Producers averaged 2.14 tons per acre, down from 2.17 tons per acre in 2018. All hay harvested acres are estimated at 1.30 million acres, down 60,000 acres from 2018.

Alfalfa and alfalfa mixtures for dry hay production is estimated at 2.11 million tons, up 10 percent from 1.93 million tons in 2018. Producers averaged 2.40 tons per acre, up from 2.35 tons per acre in 2018. Harvested acres, at 880,000, were up 60,000 acres from 2018. Wisconsin producers seeded 480,000 acres of new seedings of alfalfa and alfalfa mixtures in 2019, up 170,000 acres from the previous year.

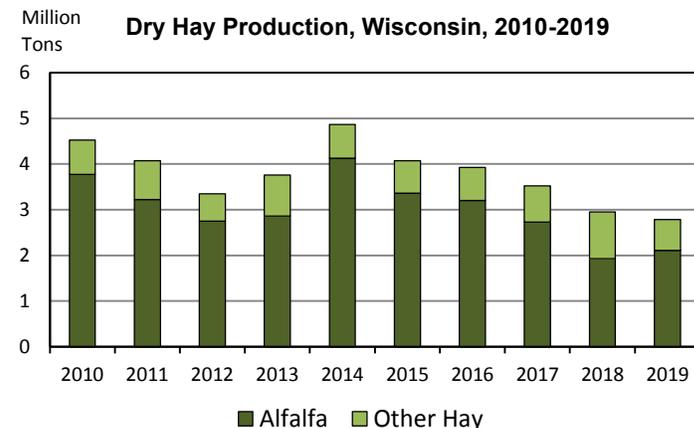
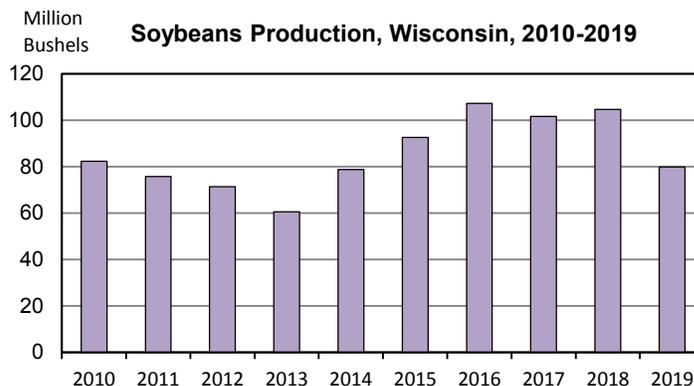
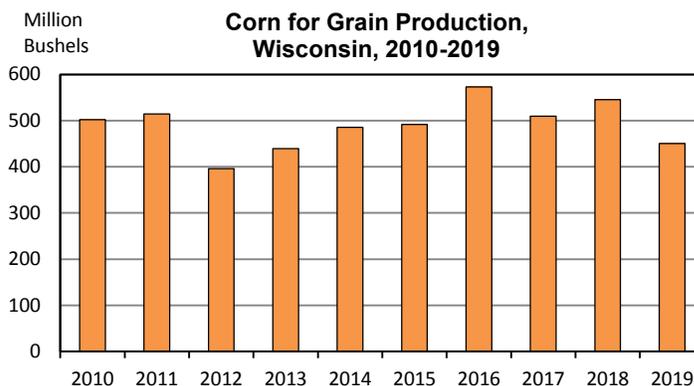
Other dry hay production is estimated at 672,000 tons, 35 percent below 2018. Producers averaged 1.60 tons per acre, down from 1.90 tons per acre in 2018. Harvested acres of other hay, at 420,000, were down 120,000 acres from the previous year.

Potato production for 2019 is estimated at 28.2 million cwt, up 4 percent from 2018. Yield is estimated at 415 cwt per acre, up 10 cwt per acre from last year. Planted and harvested acres are estimated at 70,000 acres and 68,000 acres, respectively.

United States

Corn for grain production in 2019 was estimated at 13.7 billion bushels, down 5 percent from the revised 2018 estimate. The average yield in the United States was estimated at 168.0 bushels per acre, 8.4 bushels below the 2018 yield of 176.4 bushels per acre. Area harvested for grain was estimated at 81.5 million acres, up less than 1 percent from the revised 2018 estimate.

Soybean production in 2019 totaled 3.56 billion bushels, down 20 percent from 2018. The average yield per acre was estimated at 47.4 bushels, down 3.2 bushels from 2018. Harvested area was down 14 percent from 2018 to 75.0 million acres.



Crop Production Summary – Wisconsin and United States: 2018-2019

Crop	Area planted		Area harvested		Yield per acre		Production	
	2018	2019	2018	2019	2018	2019	2018	2019
	<i>(1,000 acres)</i>				<i>(units per acre)</i>		<i>(1,000 units)</i>	
WISCONSIN								
Corn for Grain ¹bushels	3,900	3,800	3,170	2,680	172.0	168.0	545,240	450,240
Corn for Silage..... tons	(NA)	(NA)	670	1,040	20.0	17.5	13,400	18,200
Hay, all tons	(NA)	(NA)	1,360	1,300	2.17	2.14	2,953	2,784
Hay, Alfalfa tons	(NA)	(NA)	820	880	2.35	2.40	1,927	2,112
Hay, Other tons	(NA)	(NA)	540	420	1.90	1.60	1,026	672
Oats.....bushels	200	265	90	120	61.0	54.0	5,490	6,480
Potatoes, fallcwt	69.0	70.0	67.0	68.0	405	415	27,135	28,220
Soybeans.....bushels	2,220	1,750	2,180	1,700	48.0	47.0	104,640	79,900
Wheat, Winterbushels	240	195	200	150	71.0	64.0	14,200	9,600
UNITED STATES								
Corn for Grainbushels	88,871	89,700	81,276	81,482	176.4	168.0	14,340,369	13,691,561
Corn for Silage..... tons	(NA)	(NA)	6,120	6,587	19.9	20.2	121,564	132,807
Hay, all tons	(NA)	(NA)	52,839	52,425	2.34	2.46	123,600	128,864
Hay, Alfalfa tons	(NA)	(NA)	16,608	16,743	3.17	3.28	52,634	54,875
Hay, Other tons	(NA)	(NA)	36,231	35,682	1.96	2.07	70,966	73,989
Oats.....bushels	2,746	2,810	865	826	64.9	64.3	56,130	53,148
Potatoes, fallcwt	1,026.5	968.3	1,014.8	942.2	443	449	450,020	422,890
Soybeans.....bushels	89,167	76,100	87,594	75,021	50.6	47.4	4,428,150	3,558,281
Wheat, Winterbushels	32,542	31,159	24,742	24,327	47.9	53.6	1,183,939	1,304,003

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

U.S. Corn Supply and Use¹

CORN	2017-2018	2018-2019 (Est.)	2019-2020 ² Projections
	<i>(million bushels)</i>		
Beginning Stocks	2,293	2,140	2,221
Production	14,609	14,340	13,692
Imports	36	28	50
Supply, total	16,939	16,509	15,962
Feed & Residual	5,304	5,432	5,525
Food, Seed & Industrial	7,057	6,791	6,770
Domestic, total	12,361	12,223	12,295
Exports	2,438	2,065	1,775
Use, total	14,798	14,288	14,070
Ending Stocks, total	2,140	2,221	1,892
Avg. farm price (\$/bu)	3.36	3.61	3.85

¹Source: World Agricultural Supply and Demand Estimates Report

²Preliminary

U.S. Soybean Supply and Use¹

SOYBEANS	2017-2018	2018-2019 (Est.)	2019-2020 ² Projections
	<i>(million bushels)</i>		
Beginning Stocks	302	438	909
Production	4,412	4,428	3,558
Imports	22	14	15
Supply, total	4,735	4,880	4,482
Crushings	2,055	2,092	2,105
Exports	2,134	1,748	1,775
Seed	104	88	96
Residual	5	43	32
Use, total	4,297	3,971	4,008
Ending stocks	438	909	475
Avg. farm price (\$/bu)	9.33	8.48	9.00

¹Source: World Agricultural Supply and Demand Estimates Report

²Preliminary

Hay Stocks

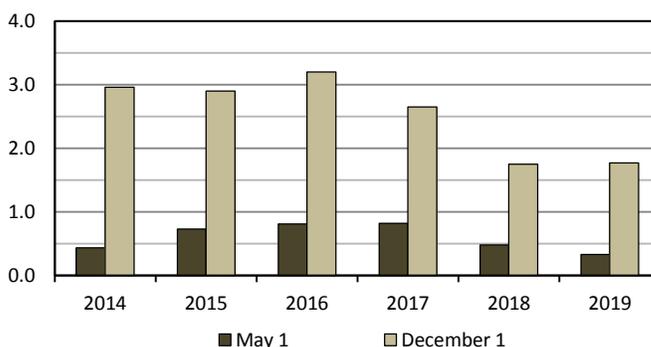
All hay stored on Wisconsin farms as of December 1, 2019, is estimated at 1.77 million tons, an increase of 1 percent from December 1, 2018. This is the second lowest recorded amount of hay stored in December. Disappearance from May 1, 2019, through December 1, 2019, totaled 1.34 million tons, compared with 1.68 million tons for the same period in 2018.

All hay stored on United States farms as of December 1, 2019 totaled 84.5 million tons, up 7 percent from the previous December. Disappearance from May 1, 2019 - December 1, 2019 totaled 59.3 million tons, compared with 59.9 million tons for the same period a year earlier. The largest increases in stocks from one year ago were seen in Kansas, Missouri, Montana, South Dakota, and Texas, all resulting from increases in dry hay production. December 1 hay stocks levels were record lows in Connecticut, Illinois, Indiana, Maine, Minnesota, Pennsylvania, and Rhode Island.

Hay Stocks on Farms – Wisconsin and United States: May 1 and December 1, 2018-2019

	May 1		December 1	
	2018	2019	2018	2019
	<i>(1,000 tons)</i>			
Wisconsin	480	330	1,750	1,770
United States	15,348	14,906	79,055	84,888

Million Tons **Hay, On-Farm Stocks, Wisconsin, 2014-2019**



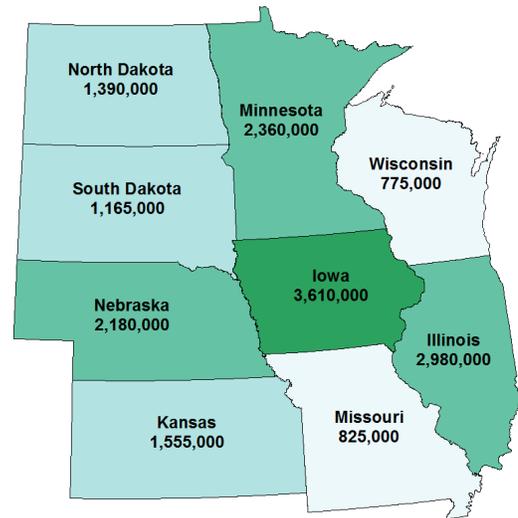
Winter Wheat Seedings

Wisconsin producers seeded 140,000 acres of winter wheat for the 2020 crop year, down 55,000 acres from the previous year. Nationally, winter wheat planted area for harvest in 2020 is estimated at 30.8 million acres, down 1 percent from 2019 and down 5 percent from 2018. This represents the second lowest United States acreage on record. Seeding of the 2020 acreage was underway in mid-September but was behind the 5-year average pace. About a month into seeding, progress was at or ahead of the 5-year average for the remainder of seeding the 2020 acreage. Seeding was mostly complete by November 17, 2019.

Grain Storage Capacity

Wisconsin on-farm storage capacity on December 1, 2019, was 380 million bushels, up 5 million from December 1, 2018. Wisconsin's 355 off-farm storage facilities have a storage capacity of 395 million bushels, up 15 million bushels from the previous year. Off-farm storage capacity exceeded on-farm storage capacity for the second time on record. As of December 1, 2019, Wisconsin had a total of 775 million bushels of storage capacity.

Total Storage Capacity, December 1, 2019
(1,000 bushels)



Grain Stocks Storage Capacity – Wisconsin and Selected States: December 1, 2018 and 2019

State	On-Farm Storage Capacity		Off-Farm Capacity		Total Storage Capacity	
	2018	2019	2018	2019	2018	2019
	(1,000 bushels)					
Illinois	1,480,000	1,480,000	1,500,000	1,500,000	2,980,000	2,980,000
Iowa	2,100,000	2,100,000	1,500,000	1,510,000	3,600,000	3,610,000
Kansas	380,000	380,000	1,150,000	1,175,000	1,530,000	1,555,000
Minnesota	1,550,000	1,550,000	800,000	810,000	2,350,000	2,360,000
Missouri	540,000	540,000	275,000	285,000	815,000	825,000
Nebraska	1,200,000	1,200,000	973,000	980,000	2,173,000	2,180,000
North Dakota	915,000	930,000	460,000	460,000	1,375,000	1,390,000
South Dakota	730,000	730,000	425,000	435,000	1,155,000	1,165,000
Wisconsin	375,000	380,000	380,000	395,000	755,000	775,000
United States	13,498,000	13,538,000	11,481,210	11,588,210	24,979,210	25,126,210



The *Wisconsin Farm Reporter* has been made possible through the cooperative efforts of the U.S. Department of Agriculture, National Agricultural Statistics Service and the Wisconsin Department of Agriculture, Trade, and Consumer Protection.

Media contact: Greg Bussler
USDA, NASS, Upper Midwest Region,
Wisconsin Field office

(800)789-9277
(608)224-4848
<http://www.nass.usda.gov/wi>