

## September 23, 2021 Board Meeting

### • **September Crop Production Report**

- In WI, corn is expected to yield 172 bushels per acre, up 5 bushels from last month and down 2 bushels from 2020. Production is forecast at 506 million bushels.
  - US corn production is forecasted at 15.0 billion bushels, up 6% from last year. Based on conditions as of September 1, yields are expected to average 176.3 bushels per acre, up 4.3 bushels from 2020.
- Soybean production in WI is expected to reach 101 million bushels. Soybean yield is forecasted at 49.0 bushels per acre, down 2 bushels from last year.
  - US soybean yield is expected to average 50.6 bushels per acre up 0.4 bushels from last year. Production is forecasted at a record 4.37 billion bushels.
- Next Crop Production Report will be released on October 12th.

### • **Milk Production**

- In July, WI milk production totaled 2.72 billion pounds. This was up 5% percent from the previous July.
- Milk production in the 24 major states totaled 18.3 billion pounds. This is 2.1% more than the previous year.
- As of September 1, WI had 6,700 milk cow herds. This is down 326 herds from September 2020.

### • **Wisconsin Farm Production Expenditures**

- Wisconsin farm production expenditures totaled \$10.8 billion in 2020. This was an increase of 3% from the 2019 total expenditures.
- Feed represented the largest single production expense in Wisconsin and accounted for 21% of the total.
- The second largest expense category was farm services and accounted for 14% of the total.

- **July Prices Received**

- Milk price for July was \$17.70 per cwt. This was \$4.60 a cwt lower than July 2020. The US price for July was \$17.90.
- Corn \$6.04 per bushel up \$2.99 from July 2020.
- Soybeans \$14.40 per bushel up \$6.04 from the previous July.
- Alfalfa hay \$172 per ton up \$9.00 per ton from last July.

- **Land Values and Cash Rent**

- In 2021, the value of all land and buildings on farms in Wisconsin averaged \$5,190 per acre. This is up \$340 per acre and is 7% above last year's level.
- Wisconsin cropland value in 2021 was \$5,280 per acre; up \$510 from a year ago.
- Cropland cash rent paid to Wisconsin landlords in 2021 averaged \$138.00 per acre; down \$8 from 2020.

- **Honey Bee Colonies**

- Honey bee colonies for operations with 5 or more colonies in Wisconsin as of January 1, 2021 totaled 25,000 colonies. This is 56% above the number of colonies on January 1 last year.
- Varro mites were the number one stressor for operations with 5 or more colonies from January 2020 – March 21. The April-June 2020 quarter showed the highest percentage affected by varroa mites at 46.1%. During the April-June 2021 quarter, producers reported that pesticides were the leading stressor at 22.3% of colonies.

- **Mink Production**

- Wisconsin continues to be the leader in the U.S. for mink pelt production and females bred.
- The State's pelt production in 2020 totaled 403,540 pelts. Wisconsin's production was down 61 percent from the previous year and accounted for 39 percent of the nation's total pelt production. The decrease in production was due to low prices and mink farms going out of business.

- **Chicken and Eggs**

- Wisconsin egg production during July 2021 was 181 million eggs, down 8% from last year.
- The average number of all layers on hand during July 2021 was 7.02 million, down 10% from 2020,

- **Crop Progress as of September 19, 2021**

- Topsoil moisture ratings for this past week were 12% very short, 16% short, 68% adequate, and 4% surplus.
- Corn condition ratings as of September 19 were 75% good to excellent.
- Soybean condition ratings as of September 19 were 73% good to excellent.
- Corn in the mature stage was at 36% which was 2 days ahead of the five-year average. Corn harvested for silage was at 56% complete which was 8 days ahead of average.
- Soybeans dropping leaves was at 52% which was 4 days ahead of the five-year average. Soybean harvest is 2% complete.

- **Small Grain Summary**

- On September 30th, NASS will release the Small Grain Summary for 2021.

- **Upcoming Surveys**

- NASS continues to collect all survey data via mail, computer or telephone. There still is not any in-person data collection due to Covid-19.
- 2021 Hemp Acreage and Production Survey – This is the first time NASS has done a survey of this type. Data collection will begin October 18<sup>th</sup>.
- ARMSII – corn chemical use and production practices
- Row Crop CAPS
- December Ag Survey



# WISCONSIN FARM REPORTER

August 5, 2021 - Vol. 21, No. 13

*Inside This Issue:*

- Dairy Products
- Milk Production
- Crop Production
- Chickens & Eggs
- Mink
- Cattle

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](http://www.nass.usda.gov)

### Dairy Products, Production by Selected States and U. S.

Item and area	June 2020	May 2021	June 2021	Change from last year
	(1,000 pounds)			(percent)
<b>Cheese</b>				
American types <sup>1</sup>				
Cheddar	431,782	478,522	453,936	5.1
California				
Idaho	22,654	26,748	22,183	-2.1
Minnesota	48,624	52,363	49,143	1.1
<b>Wisconsin</b>	<b>56,420</b>	<b>62,159</b>	<b>60,900</b>	<b>7.9</b>
United States	302,960	345,978	327,889	8.2
Blue and Gorgonzola	6,966	8,223	7,660	10.0
Brick and Muenster	17,343	17,762	18,028	3.9
Cream and Neufchâtel	94,387	86,512	84,568	-10.4
Feta	11,372	11,697	11,075	-2.6
Gouda	3,674	5,606	4,415	20.2
Hispanic	30,969	27,331	29,264	-5.5
<b>Mozzarella</b>				
California	128,855	125,132	115,722	-10.2
<b>Wisconsin</b>	<b>96,156</b>	<b>92,602</b>	<b>94,200</b>	<b>-2.0</b>
United States	389,307	376,774	370,163	-4.9
Parmesan	29,904	40,409	39,730	32.9
Provolone	35,309	34,582	32,737	-7.3
Ricotta	20,726	16,508	16,883	-18.5
Romano	4,420	6,305	5,979	35.3
Other Italian types	6,095	6,792	7,609	24.8
<b>Total Italian</b>				
California	136,351	135,257	125,388	-8.0
<b>Wisconsin</b>	<b>145,090</b>	<b>140,394</b>	<b>144,020</b>	<b>-0.7</b>
United States	485,761	481,370	473,101	-2.6
Swiss	26,314	28,358	29,747	13.0
All other cheese	13,030	12,169	12,410	-4.8
<b>Total Cheese</b>				
California	207,079	207,592	193,619	-6.5
Idaho	87,241	79,986	86,192	-1.2
New Mexico	80,756	82,495	79,663	-1.4
<b>Wisconsin</b>	<b>287,982</b>	<b>291,815</b>	<b>293,530</b>	<b>1.9</b>
United States	1,121,598	1,157,550	1,124,204	0.2

<sup>1</sup> Includes Cheddar, Colby, and Monterey Jack.

### Milk Production

Milk production in Wisconsin during June 2021 totaled 2.64 billion pounds, up 3% from the previous June. The average number of milk cows during June, at 1.27 million head, was the same as last month and 17,000 more than June 2020. Monthly production per cow averaged 2,070 pounds, up 30 pounds from last June.

Milk production in the 24 major States during June totaled 18.1 billion pounds, up 3.2% from June 2020. May revised production, at 19.0 billion pounds, was up 4.9% from May 2020. The May revision represented an increase of 12 million pounds or 0.1% from last month's preliminary production estimate. Production per cow in the 24 major States averaged 2,011 pounds for June, 27 pounds above June 2020. The number of milk cows on farms in the 24 major States was 9.00 million head, 161,000 head more than June 2020, but 1,000 head less than May 2021.

Milk production in the United States during the April - June quarter totaled 58.1 billion pounds, up 3.7% from the April - June quarter last year. The average number of milk cows in the United States during the quarter was 9.51 million head, 47,000 head more than the January - March quarter, and 141,000 head more than the same period last year.

### Milk Cows and Production, Selected States, June 2020 and 2021

State	Milk cows <sup>1</sup>		Rate per cow <sup>2</sup>		Production <sup>2</sup>		Change from 2020
	2020	2021	2020	2021	2020	2021	
	(1,000 head)		(pounds)		(million pounds)		
Arizona	200	198	2,015	2,025	403	401	-0.5
California	1,721	1,721	1,950	2,010	3,356	3,459	3.1
Colorado	197	206	2,150	2,155	424	444	4.7
Florida	111	110	1,675	1,685	186	185	-0.5
Georgia	81	82	1,765	1,815	143	149	4.2
Idaho	640	654	2,105	2,135	1,347	1,396	3.6
Illinois	83	83	1,795	1,800	149	149	0.0
Indiana	180	196	2,000	1,990	360	390	8.3
Iowa	217	228	2,030	2,010	441	458	3.9
Kansas	168	175	1,915	1,965	322	344	6.8
Michigan	428	445	2,280	2,280	976	1,015	4.0
Minnesota	442	462	1,915	1,890	846	873	3.2
New Mexico	327	326	1,980	2,070	647	675	4.3
New York	626	630	2,040	2,090	1,277	1,317	3.1
Ohio	253	260	1,840	1,840	466	478	2.6
Oregon	124	126	1,765	1,745	219	220	0.5
Pennsylvania	482	475	1,775	1,780	856	846	-1.2
South Dakota	136	156	1,895	1,895	258	296	14.7
Texas	590	624	2,030	2,055	1,198	1,282	7.0
Utah	96	97	1,955	1,985	188	193	2.7
Vermont	123	119	1,740	1,805	214	215	0.5
Virginia	74	73	1,700	1,655	126	121	-4.0
Washington	278	275	2,030	1,995	564	549	-2.7
<b>Wisconsin</b>	<b>1,257</b>	<b>1,274</b>	<b>2,040</b>	<b>2,070</b>	<b>2,564</b>	<b>2,637</b>	<b>2.8</b>
24-State							
<b>Total</b>	<b>8,834</b>	<b>8,995</b>	<b>1,984</b>	<b>2,011</b>	<b>17,530</b>	<b>18,092</b>	<b>3.2</b>

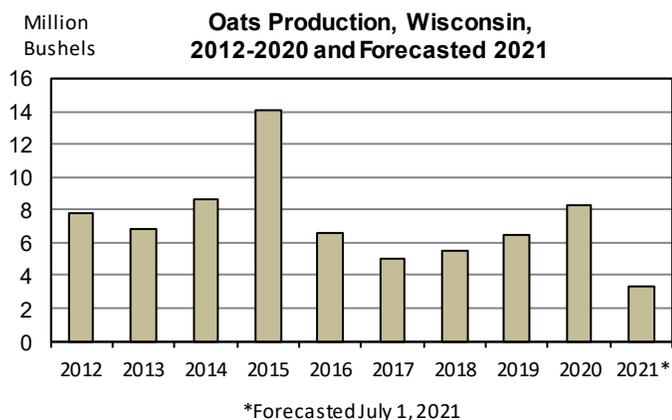
<sup>1</sup>Includes dry cows. Excludes heifers not yet fresh. <sup>2</sup>Excludes milk sucked by calves.

## Crop Production

### Wisconsin

**Winter wheat** production in Wisconsin is forecast at 17.0 million bushels, 98% above last year's 8.63 million bushels. Based on conditions as of July 1, the State's winter wheat yield is forecast at 71.0 bushels per acre, up 2.0 bushels from last year. Wisconsin winter wheat growers intend to harvest 240,000 acres for grain, up 92% from 2020.

**Oat** production is forecast at 3.36 million bushels, 59% below last year's 8.25 million bushels. The expected yield is 56.0 bushels per acre, down 7.0 bushels from the previous year. The area expected to be harvested for grain totals 60,000 acres, down 54% from 2020.



### United States

Winter wheat production is forecast at 1.36 billion bushels, up 4% from the June 1 forecast and up 16% from 2020. As of July 1, the United States yield is forecast at 53.6 bushels per acre, up 0.4 bushel from last month and up 2.7 bushels from last year's average yield of 50.9 bushels per acre. Area expected to be harvested for grain or seed totals 25.4 million acres, unchanged from the Acreage report released on June 30, 2021, but up 11% from last year.

Oat production is forecast at 41.3 million bushels, down 37% from 2020. If realized, this would be the lowest production on record. Growers expect to harvest 722,000 acres for grain, unchanged from the Acreage report released on June 30, 2021, but down 28% from 2020. Based on conditions as of July 1, the United States yield is forecast at 57.2 bushels per acre, 7.9 bushels below the 2020 average yield. Record low production is expected in Michigan, Minnesota, and Wisconsin.

**Area Harvested, Yield, and Production Summary: Wisconsin and United States, 2020 and Forecasted July 1, 2021**

State	Area harvested		Yield per acre		Production	
	2020	2021	2020	2021	2020	2021
	<i>(1,000 acres)</i>		<i>(bushels)</i>		<i>(1,000 bushels)</i>	
<b>WISCONSIN</b>						
Oats.....	131	60	63.0	56.0	8,253	3,360
Wheat, Winter .....	125	240	69.0	71.0	8,625	17,040
<b>UNITED STATES</b>						
Oats.....	1,004	722	65.1	57.2	65,355	41,309
Wheat, Winter .....	23,024	25,443	50.9	53.6	1,171,022	1,364,205

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

CORN	2019-2020	2020-2021 (Est.)	2021-2022 <sup>2</sup> Projections
	<i>(million bushels)</i>		
Beginning Stocks	2,221	1,919	1,082
Production	13,620	14,182	15,165
Imports	42	25	25
<b>Supply, total</b>	<b>15,883</b>	<b>16,127</b>	<b>16,272</b>
Feed & Residual	5,898	5,725	5,725
Food, Seed & Industrial	6,288	6,470	6,615
<b>Domestic, total</b>	<b>12,186</b>	<b>12,195</b>	<b>12,340</b>
Exports	1,777	2,850	2,500
<b>Use, total</b>	<b>13,963</b>	<b>15,045</b>	<b>14,840</b>
<b>Ending Stocks, total</b>	<b>1,919</b>	<b>1,082</b>	<b>1,432</b>
Avg. farm price (\$/bu)	3.56	4.40	5.60

<sup>1</sup>Source: USDA OCE World Agricultural Supply and Demand Estimates Report.  
<sup>1</sup>Preliminary

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

SOYBEANS	2019-2020	2020-2021 (Est.)	2021-2022 <sup>2</sup> Projections
	<i>Million bushels</i>		
Beginning Stocks	909	525	135
Production	3,552	4,135	4,405
Imports	15	20	35
<b>Supply, total</b>	<b>4,476</b>	<b>4,680</b>	<b>4,575</b>
Crushings	2,165	2,170	2,225
Exports	1,679	2,270	2,075
Seed	96	102	104
Residual	12	4	15
<b>Use, total</b>	<b>3,952</b>	<b>4,545</b>	<b>4,420</b>
<b>Ending stocks</b>	<b>525</b>	<b>135</b>	<b>155</b>
Avg. farm price (\$/bu)	8.57	11.05	13.70

<sup>1</sup>Source: USDA OCE World Agricultural Supply and Demand Estimates Report.  
<sup>1</sup>Preliminary

## Chickens & Eggs

Wisconsin **egg production** during June 2021 was 186 million eggs, down 2% from last month and down 1% from a year ago. The average number of **all layers on hand** during June 2021 was 7.45 million, down 2% from last month and down 4% from last June. **Eggs per 100 layers** for June were 2,498, down 1% from last month but up 3% from June 2020.

United States egg production totaled 9.04 billion during June 2021, up 2% from last year. Production included 7.77 billion table eggs, and 1.27 billion hatching eggs, of which 1.20 billion were broiler-type and 76.6 million were egg-type. The average number of layers during June 2021 totaled 384 million, up slightly from last year. June egg production per 100 layers was 2,356 eggs, up 2% from June 2020.

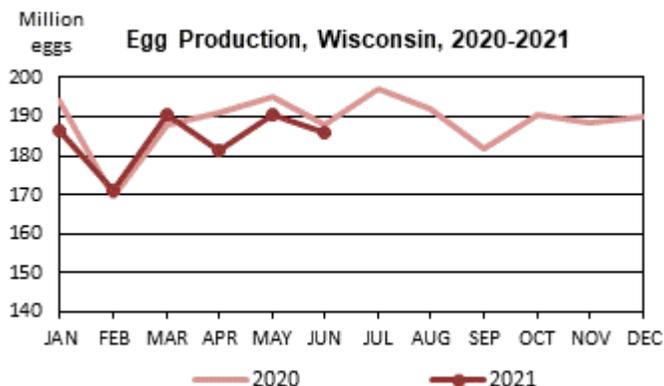
Total layers in the United States on July 1, 2021 totaled 384 million, up 1% from last year. The 384 million layers consisted of 317 million layers producing table or market type eggs, 63.7 million layers producing broiler-type hatching eggs, and 2.84 million layers producing egg-type hatching eggs. Rate of lay per day on July 1, 2021, averaged 78.7 eggs per 100 layers, up 1% from July 1, 2020.

Egg-type chicks hatched during June 2021 totaled 53.4 million, down 4% from June 2020. Eggs in incubators totaled 50.9 million on July 1, 2021, up 10% from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 288 thousand during June 2021, down 23% from June 2020. Broiler-type chicks hatched during June 2021 totaled 824 million, down 1% from June 2020. Eggs in incubators totaled 715 million on July 1, 2021, up 2% from a year ago.

**Layers on Hand and Eggs Produced  
Wisconsin and United States, June 2020 and 2021**

Commodity	Wisconsin		United States	
	2020	2021	2020	2021
Table egg layers in flocks 30,000 & above.....(1,000 layers)	6,656	6,314	303,284	300,365
All layers on hand.....(1,000 layers)	7,771	7,461	383,152	383,612
Eggs per 100 layers.....(eggs)	2,417	2,498	2,305	2,356
Total egg production.....(million eggs)	187.8	186.1	8,831.8	9,039.3
Table egg production.....(million eggs)	181.8	179.8	7,625.8	7,765.0



## Mink

Wisconsin continues to be the leader in the U.S. for **mink pelt production** and females bred. The State's pelt production in 2020 totaled 403,540 pelts. Utah was the second-largest producing state with 386,880 pelts. Nationwide, mink pelt production during 2020 totaled 1,405,460 pelts, down 49% from 2019. Wisconsin's production was down 61% in 2020 and accounted for 29% of the nation's total pelt production. The decrease in production was due to low prices and mink farms going out of business.

The percentages of pelts produced in 2020 in Wisconsin by color class were: Black at 74%, White at 11%, Mahogany at 5%, and Sapphire at 2%. The remaining color classes accounted for 8%.

**Female mink bred** in Wisconsin to produce kits in 2021 totaled 103,940, up 4% from last year. Utah came in second with 83,430 females bred. Nationally, females bred to produce kits in 2021 totaled 323,560, down 10% from 2020. Wisconsin accounted for 32% of the total number of females bred in the U.S.

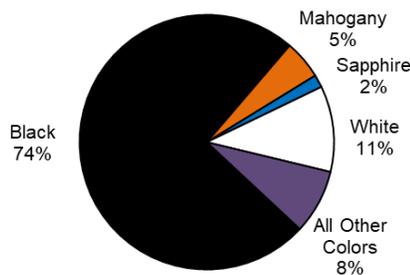
The **value of U.S. pelts produced** during the 2020 crop year was \$47.4 million, down 19% from \$58.4 million a year ago. The average price per pelt for the 2020 crop year was \$33.70, up \$12.40 from \$21.30 in 2019

**Mink Females Bred and Pelts Produced – Wisconsin and United States: 2017-2021**

Year	Females Bred		Pelts Produced <sup>1</sup>	
	WI	US	WI	US
2017	246,620	770,400	1,133,180	3,400,080
2018	264,260	776,440	1,030,600	3,169,560
2019	244,000	695,650	1,036,220	2,742,200
2020	100,090	358,880	403,540	1,405,460
2021	103,940	323,560	(NA)	(NA)

(NA) Not available <sup>1</sup>2021 Pelts Produced will be available July 2022

**Pelts Produced by Color Class  
Wisconsin: 2020**



### Cattle & Calves

All cattle and calves in the United States on July 1, 2021 totaled 101 million head, 1 percent below the 102 million head on July 1, 2020.

All cows and heifers that have calved totaled 40.9 million head, 1 percent below the 41.4 million head on July 1, 2020. Beef cows, at 31.4 million head, down 2 percent from a year ago. Milk cows, at 9.50 million head, up 2 percent from previous year.

All heifers 500 pounds and over on July 1, 2021 totaled 16.0 million head, 1 percent below the 16.2 million head on July 1, 2020. Beef replacement heifers, at 4.30 million head, down 2 percent from a year ago. Milk replacement heifers, at 4.10 million head, up 3 percent from previous year. Other heifers, at 7.60 million head, 3 percent below a year earlier.

Steers 500 pounds and over on July 1, 2021 totaled 14.5 million head, down 1 percent from July 1, 2020.

Bulls 500 pounds and over on July 1, 2021 totaled 2.10 million head, unchanged from previous year.

Calves under 500 pounds on July 1, 2021 totaled 27.4 million head, down 1 percent from a year earlier.

Cattle and calves on feed for the slaughter market in the United States for all feedlots totaled 13.4 million head on July 1, 2021, down 1 percent from previous year. Cattle on feed in feedlots with capacity of 1,000 or more head accounted for 84.3 percent of the total cattle on feed on July 1, 2021, up slightly from previous year. The total of calves under 500 pounds and other heifers and steers over 500 pounds (outside of feedlots), at 36.1 million head, down 2 percent from the 36.7 million head on July 1, 2020.

The 2021 calf crop in the United States is expected to be 35.1 million head, down slightly from last year. Calves born during the first half of 2021 are estimated at 25.8 million head, up slightly from the first half of 2020. An additional 9.30 million calves are expected to be born during the second half of 2021.

### Cattle Inventory by Class and Calf Crop— United States: July 1, 2020 and 2021

Class	2020	2021	Percent of previous year
	(1,000 head)	(1,000 head)	
All cattle and calves	102,200	100,900	99
All cows that have calved	41,400	40,900	99
Beef cows	32,050	31,400	98
Milk cows	9,350	9,500	102
Heifers 500 pounds and over	16,200	16,000	99
For beef cow replacement	4,400	4,300	98
For milk cow replacement	4,000	4,100	103
Other heifers	7,800	7,600	97
Steers 500 pounds and over	14,700	14,500	99
Bulls 500 pounds and over	2,100	2,100	100
Calves under 500 pounds	27,800	27,400	99
Cattle on feed <sup>1</sup>	13,600	13,400	99
Calf crop	35,135.5	35,100.0	100

<sup>1</sup>Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. Cattle and calves on feed are included in the cattle inventory estimates by classes.

### Calf Crop and Percent of Total by Six-Month Period – United States: 2020 and Preliminary 2021

Period	2020		2021	
	Number	Percent of total	Number	Percent of total
	(1,000 head)	(percent)	(1,000 head)	(percent)
January 1—June 30	25,750.0	73.3	25,800.0	73.5
July 1—December 31	9,385.5	26.7	9,300.0	26.5
Total	35,135.5	100.0	35,100.0	100.0



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.

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# WISCONSIN FARM REPORTER

August 25, 2021 - Vol. 20, No. 14

*Inside This Issue:*

- Milk Prices
- Agricultural Prices Received
- Farm Production Expenditures
- Honey Bee Colonies
- Cash Rents
- Land Values

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## June Milk Prices

The Wisconsin all milk price for June 2021 was \$18.30 per hundredweight (cwt). This was \$1.40 lower than last month's price and \$1.50 lower than last June's price.

The U.S. all milk price for June was \$18.40 per cwt, 10 cents higher than Wisconsin's price but 80 cents lower than last month's U.S. price. Of the 24 major milk producing states, 18 had a lower price when compared with May. New Mexico had the lowest price in the nation, at \$15.80 per cwt., while Florida had the highest price, at \$22.70 per cwt.

The Chicago Mercantile Exchange\* (CME) 40-pound block cheese price closed at \$1.6350 per pound on July 29, while barrels were \$1.3925 per pound. The CME butter price was \$1.6225 per pound.

For the week ending July 24, 2021, the Agricultural Marketing Service\* U.S. weekly 40-pound block cheese price averaged \$1.6624 per pound, and 500 pound barrels adjusted to 38 percent moisture averaged \$1.5884 per pound. The U.S. butter price was \$1.7275 per pound.

### Milk Prices<sup>1</sup>

Selected states	June 2020		May 2021		June 2021	
	Price per cwt.	Fat test	Price per cwt.	Fat test	Price per cwt.	Fat test
	(dollars)	(percent)	(dollars)	(percent)	(dollars)	(percent)
Milk for all uses						
California .....	18.60	3.80	19.30	3.84	18.70	3.81
Idaho .....	20.20	3.91	19.30	4.02	17.90	3.93
Iowa .....	20.90	3.88	20.00	4.11	18.00	4.02
Michigan .....	14.80	3.68	18.10	3.84	18.00	3.76
Minnesota .....	21.40	3.93	20.20	4.17	18.10	4.04
New Mexico .....	17.00	3.66	16.90	3.73	15.80	3.67
New York .....	15.50	3.80	19.00	3.94	18.30	3.86
Pennsylvania .....	16.30	3.80	19.30	3.92	19.10	3.85
Texas .....	20.00	4.06	18.60	4.15	17.50	4.05
<b>Wisconsin .....</b>	<b>19.80</b>	<b>3.79</b>	<b>19.70</b>	<b>3.96</b>	<b>18.30</b>	<b>3.86</b>
United States .....	18.20	3.82	19.20	3.93	18.40	3.86

<sup>1</sup>Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

## Prices Received by Farmers

The June 2021 average price received by farmers for **corn** in Wisconsin was \$5.65 per bushel. This was down 28 cents from May but \$2.47 above the previous June.

The June **soybean** price, at \$14.50 per bushel, was down 20 cents from May but up \$6.31 from the previous June.

The June **oat** price was \$3.27 per bushel, 16 cents below the May price and down 10 cents from June 2020.

**All hay** prices in Wisconsin averaged \$173.00 per ton in June, up \$9.00 from May and \$19.00 above June 2020. The **alfalfa hay** price averaged \$183.00 per ton in June, up \$10.00 from May and \$24.00 above the previous June. The **other hay** price averaged \$118.00, down \$16.00 from May and down \$5.00 from the June 2020 price.

Prices received for **milk cows** for dairy herd replacement averaged \$1,480 per head as of July 1, 2021.

### Prices Received by Farmers

WISCONSIN	June 2020	May 2021	June 2021
	(dollars)		
Corn .....	3.18	5.93	5.65
Hay, all baled .....	154.00	164.00	173.00
Alfalfa .....	159.00	173.00	183.00
Other .....	123.00	134.00	118.00
Oats .....	3.37	3.43	3.27
Soybeans .....	8.19	14.70	14.50
Milk cows <sup>1,2</sup> .....	1,350.00	1,490.00	1,480.00
UNITED STATES	June 2020	May 2021	June 2021
	(dollars)		
Corn .....	3.16	5.91	6.00
Hay, all baled .....	162.00	176.00	179.00
Alfalfa .....	179.00	194.00	199.00
Other .....	128.00	140.00	140.00
Oats .....	3.16	3.42	3.42
Soybeans .....	8.34	14.80	14.50
Milk cows <sup>1,2</sup> .....	1,310.00	1,310.00	1,310.00
Calves .....	149.00	159.00	159.00
Cattle, all beef .....	109.00	118.00	121.00
Cows <sup>3</sup> .....	71.00	70.80	73.90
Steers & Heifers .....	110.00	121.00	123.00
Hogs, all .....	41.30	79.30	82.70
Barrows & Gilts .....	42.20	80.00	84.20
Sows .....	21.00	63.30	52.40
Eggs (market) <sup>4</sup> .....	0.421	0.527	0.503

<sup>1</sup>Animals sold for dairy herd replacement only. Prices available for January, April, July, and October. <sup>2</sup>Milk cow prices are for July 1, 2018, April 1, 2019, and July 1, 2019. <sup>3</sup>Beef cows and cull dairy cows sold for slaughter. <sup>4</sup>Mid-month price. Also referred to as table eggs.

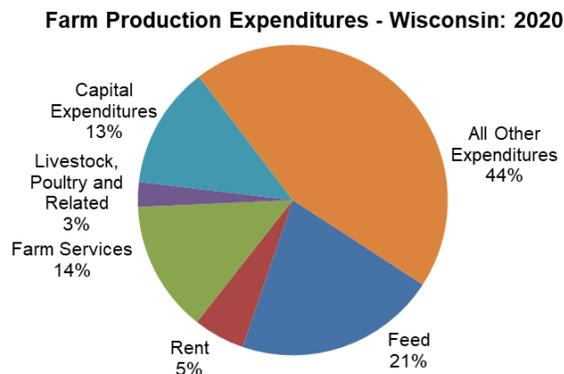
### Farm Production Expenditures

Wisconsin farm production expenditures totaled \$10.8 billion in 2020. This was an increase of 3% from the 2019 total expenditures. Feed expense, which increased 6% to \$2.28 billion, represented the largest single production expense in Wisconsin in 2020, accounting for 21% of the total. Farm Services was the second largest expense category, totaling \$1.48 billion and accounting for nearly 14% of the total. This was up 1% from 2019. The largest percentage decreases were Fuels (down 16%), Livestock, Poultry and Related Expenses (down 15%), and Labor (down 14%). The largest percentage increases from last year were for Other farm machinery (up 36%), Tractors and self-propelled farm machinery (up 35%), Miscellaneous capital expenses (up 25%), and Trucks and autos (up 15%).

The complete Farm Production Expenditures report is available online at: <http://www.nass.usda.gov>

Economic Research Service reports related to previous ARMS data are available online at:

<http://www.ers.usda.gov/data-products/arms-farm-financial-and-crop-production-practices.aspx>



**The Wisconsin Field Office would like to thank all participants in the Agricultural Resource Management surveys. Their help made this publication possible.**

*Greg Bussler*  
**Greg Bussler**  
 State Statistician

### Farm Production Expenditures – Wisconsin: 2019-2020

Expenditure - Farm Share	Farms Reporting <sup>1</sup>		Average per Farm <sup>2</sup>		Total Expenditures	
	2019	2020	2019	2020	2019	2020
	<i>(percent)</i>		<i>(dollars)</i>		<i>(million dollars)</i>	
Livestock, poultry and related expenses <sup>4</sup> .....	27.3	21.7	5,085	4,348	330	280
Feed .....	47.1	45.7	33,128	35,404	2,150	2,280
Farm services <sup>5</sup> .....	90.5	88.6	22,650	22,981	1,470	1,480
Rent <sup>6</sup> .....	34.7	40.2	9,091	9,006	590	580
Agricultural chemicals <sup>7</sup> .....	51.1	51.4	4,622	4,969	300	320
Fertilizer, Lime, and Soil Conditioners <sup>7</sup> .....	53.1	64.7	10,478	11,801	680	760
Interest .....	48.4	34.7	7,473	6,832	485	440
Taxes (real estate and property) .....	99.9	100.0	5,855	6,599	380	425
Labor .....	23.1	25.0	17,411	15,062	1,130	970
Fuels .....	84.8	78.7	5,855	4,969	380	320
Farm supplies and repairs <sup>8</sup> .....	85.2	82.3	11,248	12,733	730	820
Farm improvements and construction <sup>9</sup> .....	56.8	53.3	7,704	7,764	500	500
Tractors and self-propelled farm machinery .....	14.9	14.4	4,777	6,522	310	420
Other farm machinery .....	23.5	15.0	3,621	4,969	235	320
Seeds and plants <sup>10</sup> .....	68.0	63.9	11,710	11,801	760	760
Trucks and autos .....	14.0	9.9	1,541	1,786	100	115
Miscellaneous capital expenses .....	5.0	5.5	308	388	20	25
<b>Total farm production expenditures<sup>3</sup> .....</b>	<b>100.0</b>	<b>100.0</b>	<b>162,558</b>	<b>167,935</b>	<b>10,550</b>	<b>10,815</b>

<sup>1</sup> Number of farms reporting item divided by total number of farms. <sup>2</sup> The average per farm is computed by dividing the line-item total expense by the total number of farms at that level. Totals may not add due to rounding. <sup>3</sup> Includes the operator, landlord, and contractor shares of farm production expenses. Totals may not add due to rounding. <sup>4</sup> Includes purchases and leasing of livestock and poultry. Intra-state and inter-state transfers of livestock are captured. <sup>5</sup> Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, utilities, general expenses, and miscellaneous business expenses. <sup>6</sup> Includes cash rent paid, share rent, plus public and private grazing fees. <sup>7</sup> Includes material and application costs. <sup>8</sup> Includes bedding and litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment. <sup>9</sup> Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. <sup>10</sup> All purchases of seed, plants, or seed treatments for nursery and farming operation are included. Bedding plants, nursery stock, and seed purchased for resale are excluded.

## Honey Bee Colonies

### Wisconsin

Honey bee colonies for operations with 5 or more colonies in Wisconsin as of January 1, 2021, totaled 25,000 colonies. This is 56% above the 16,000 colonies on January 1 last year, but 58% below the 60,000 colonies during the October-December 2020 quarter. Producers boosted their January 1 inventory by moving colonies into Wisconsin and adding colonies to a maximum of 37,000 during the January-March 2021 quarter. Since January 2020 the July-September 2020 quarter had the largest maximum number of colonies, at 68,000, while the January-March 2020 quarter had the smallest maximum number of colonies at 28,000.

Honey bee colonies lost for operations with 5 or more colonies for the January-March 2021 quarter was 2,500 colonies or 7%. This was the same percentage as the same period last year but 6 percentage points below losses reported during the October-December 2020 quarter. Since January 2020 the largest percentage of the colonies lost, at 13%, occurred in the October-December 2020 quarter. The largest number of colonies lost was 8,000 colonies and occurred in both the July-September 2020 and the October-December 2020 quarters.

Varroa mites were the number one stressor for operations with 5 or more colonies from January 2020 thru March 2021. The April-June 2020 quarter showed the highest percentage affected by varroa mites at 46.1%. During the April-June 2021 quarter, producers reported that pesticides were the leading stressor at 22.3% of colonies.

### United States

Honey bee colonies for operations with five or more colonies in the United States on January 1, 2021 totaled 2.92 million colonies, up 2% from January 1, 2020. The number of colonies in the United States on April 1, 2021, was 2.86 million colonies. During 2020, honey bee colonies on January 1, April 1, July 1, and October 1 were 2.88 million, 2.97 million, 3.18 million, and 3.14 million colonies, respectively.

Honey bee colonies lost for operations with five or more colonies from January through March 2021, was 372,630 colonies, or 13%. The number of colonies lost during the quarter of April through June 2021 was 255,860 colonies, or 9%. During the quarter of October through December 2020, colonies lost totaled 484,920 colonies, or 15%, the highest number lost of any quarter surveyed in 2020. The quarter surveyed in 2020 with the lowest number of colonies lost was April through June, with 300,990 colonies lost, or 10%.

Honey bee colonies added for operations with five or more colonies from January through March 2021 was 308,530 colonies. The number of colonies added during the quarter of April through June 2021 was 677,690. During the quarter of April through June 2020, the number of colonies added were 536,170 colonies, the highest number of honey bee colonies added for any quarter surveyed in 2020. The quarter of October through December 2020 added 271,500 colonies, the least number of honey bee colonies added for any quarter surveyed in 2020.

Honey bee colonies renovated for operations with five or more colonies from January through March 2021 was 156,270 colonies, or 5%. During the quarter of April through June 2021, the number of colonies renovated were 480,380 colonies, or 17%. The quarter surveyed in 2020 with the highest number of colonies renovated was April through June with 626,870 colonies renovated, or 21%. The quarter surveyed in 2020 with the lowest number of colonies renovated was October through December 2020, with 128,990, or 4%. Renovated colonies are those that were requeened or received new honey bees through a nuc or package.

Varroa mites were the number one stressor for operations with five or more colonies during all quarters surveyed in 2020. The period with the highest percentage of colonies reported to be affected by varroa mites was July through September 2020 at 55.7%. The percent of colonies reported to be affected by varroa mites during January through March 2021 and April through June 2021 are 31.3% and 48.7%, respectively.

**Honey Bee Colonies on Operations with Five or More Colonies– Wisconsin: 2020-2021**

	First of the quarter number of colonies <sup>1</sup>	Maximum colonies <sup>2</sup>	Lost colonies	Percent lost <sup>3</sup>	Added colonies	Renovated colonies <sup>4</sup>	Percent renovated <sup>5</sup>
	<i>(number)</i>			<i>(percent)</i>	<i>(number)</i>		<i>(percent)</i>
Jan-Mar 2020 .....	16,000	28,000	1,900	7	700	370	1.0
Apr-Jun 2020 .....	27,000	55,000	1,700	3	14,000	4,600	8.0
Jul-Sep 2020 .....	68,000	68,000	8,000	12	970	9,000	13.0
Oct-Dec 2020 .....	60,000	60,000	8,000	13	2,800	4,700	8.0
Jan-Mar 2021 .....	25,000	37,000	2,500	7	7,000	170	(Z)
Apr-Jun 2021 .....	42,000	57,000	2,200	4	9,000	7,500	13.0

- Represents zero. (Z) Less than half of the unit shown. 1. Number of colonies in the state as of the first day of the quarter. 2. Number of colonies in the state on the first day of the quarter plus all colonies moved into state during the quarter. 3. Percent lost is the number of lost colonies divided by the maximum colonies. 4. Defined as any surviving colony that was requeened or received new honey bees through nuc or package. 5 Percent renovated is the number of renovated colonies divided by the maximum colonies.

**Honey Bee Colony Health – Wisconsin: 2020-2021<sup>1</sup>**

	Varroa mites	Other pests and parasites <sup>2</sup>	Disease <sup>3</sup>	Pesticide	Other <sup>4</sup>	Unknown
	<i>(percent)</i>					
Jan-Mar 2020 .....	9.0	1.9	(Z)	(Z)	2.7	3.1
Apr-Jun 2020 .....	46.1	27.3	25.0	25.1	25.8	26.1
Jul-Sep 2020 .....	43.1	22.8	12.9	26.1	13.8	20.4
Oct-Dec 2020 .....	29.3	0.6	(Z)	7.4	1.8	1.2
Jan-Mar 2021 .....	16.1	(Z)	(Z)	0.0	3.6	3.2
Apr-Jun 2021 .....	14.9	17.8	1.1	22.3	1.0	2.0

(Z) Less than half of the unit shown. 1. Operations with 5 or more colonies, percent of colonies affected by stressor. A colony may be affected by multiple stressors during the quarter. 2.Tracheal mites, nosea, hive beetle, wax moths, etc. 3, Includes American and European foulbrood, chalkbrood, stonebrood, paralysis (acute and chronic), kashmir, deformed wing, sabrood, IAPV, Lake Sinai II, etc. 4. Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

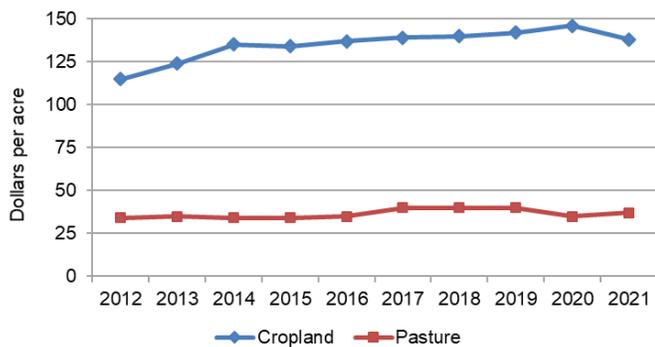
### Cash Rents

Cropland cash rent paid to Wisconsin landlords in 2021 averaged \$138.00 per acre. Non-irrigated cropland rent averaged \$133.00 per acre, down \$5.00 from last year. Irrigated cropland rent averaged \$237.00 per acre, down \$8.00 from 2020. Pasture rented for cash averaged \$37.00 per acre, up \$2.00 from the previous year.

**Cash Rent, Wisconsin, 2017-2021**

Item	2017	2018	2019	2020	2021
Cropland, cash rent expense (dollars per acre)	139.00	140.00	142.00	146.00	<b>138.00</b>
Irrigated, cash rent expense (dollars per acre)	243.00	238.00	237.00	245.00	<b>237.00</b>
Non-irrigated, cash rent expense (dollars per acre)	133.00	134.00	137.00	138.00	<b>133.00</b>
Pasture, cash rent expense (dollars per acre)	40.00	40.00	40.00	35.00	<b>37.00</b>

**Cash Rent Per Acre - Wisconsin: 2012-2021**



### Land Values

Wisconsin’s farm real estate value, a measurement of the value of all land and buildings on farms, averaged \$5,190 per acre in 2021. This was up \$340 per acre, 7% above last year’s level.

Cropland value, at \$5,280 per acre, was up \$510 from a year ago. Pasture, at \$2,520 per acre, was up \$270 from last year.

**Land Values, Wisconsin, 2017-2021**

Item	2017	2018	2019	2020	2021
Cropland, Average Value (dollars per acre)	4,870	4,740	4,850	4,770	<b>5,280</b>
Pasture, Average Value (dollars per acre)	2,200	2,260	2,310	2,250	<b>2,520</b>
Farm Real Estate, Average Value (dollars per acre)	4,870	4,900	4,950	4,850	<b>5,190</b>
Value of Farmland & Buildings <sup>1</sup> (million dollars)	69,641	70,070	70,785	69,355	<b>(NA)</b>

(NA) Not available. 2021 Land in Farms acres used in this calculation will be released in February 2022. <sup>1</sup>Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.



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.

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# WISCONSIN FARM REPORTER

August 26, 2021 - Vol. 21, No. 15

*Inside This Issue:*

- Milk Production
- Crop Production
- Chickens & Eggs
- Wisconsin's Rank in the Nation's Agricultural Production

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](http://www.nass.usda.gov)

**Milk Cows and Production, Selected States, July 2020 and 2021**

State	Milk cows <sup>1</sup>		Rate per cow <sup>2</sup>		Production <sup>2</sup>		Change from 2020
	2020	2021	2020	2021	2020	2021	
	(1,000 head)		(pounds)		(million pounds)		(percent)
Arizona	200	199	1,935	1,950	387	388	0.3
California	1,721	1,721	2,015	2,000	3,468	3,442	-0.7
Colorado	198	202	2,235	2,225	443	449	1.4
Florida	111	110	1,650	1,655	183	182	-0.5
Georgia	81	82	1,755	1,805	142	148	4.2
Idaho	645	654	2,210	2,195	1,425	1,436	0.8
Illinois	83	83	1,745	1,770	145	147	1.4
Indiana	188	197	1,950	1,970	367	388	5.7
Iowa	218	228	2,040	2,055	445	469	5.4
Kansas	169	172	1,980	1,990	335	342	2.1
Michigan	428	445	2,310	2,320	989	1,032	4.3
Minnesota	445	462	1,940	1,945	863	899	4.2
New Mexico	326	321	2,015	2,000	657	642	-2.3
New York	626	630	2,075	2,120	1,299	1,336	2.8
Ohio	254	260	1,870	1,870	475	486	2.3
Oregon	124	126	1,815	1,805	225	227	0.9
Pennsylvania	482	475	1,795	1,800	865	855	-1.2
South Dakota	137	158	1,930	1,955	264	309	17.0
Texas	590	625	2,065	2,090	1,218	1,306	7.2
Utah	95	97	1,985	2,010	189	195	3.2
Vermont	122	120	1,770	1,825	216	219	1.4
Virginia	74	73	1,660	1,650	123	120	-2.4
Washington	280	272	2,120	2,035	594	554	-6.7
<b>Wisconsin</b>	<b>1,257</b>	<b>1,278</b>	<b>2,070</b>	<b>2,130</b>	<b>2,602</b>	<b>2,722</b>	<b>4.6</b>
24-State							
Total	8,854	8,990	2,024	2,035	17,919	18,293	2.1

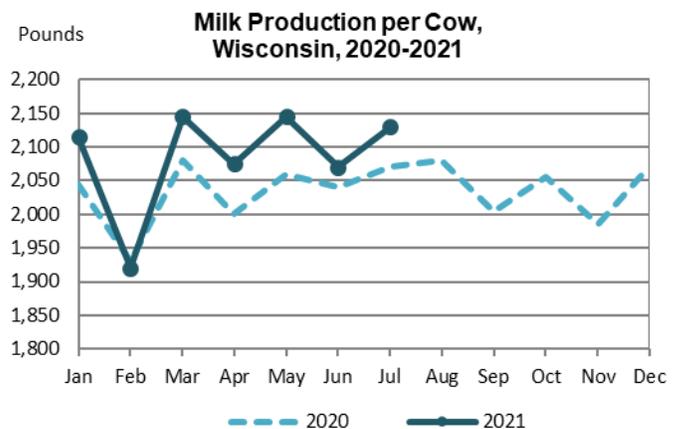
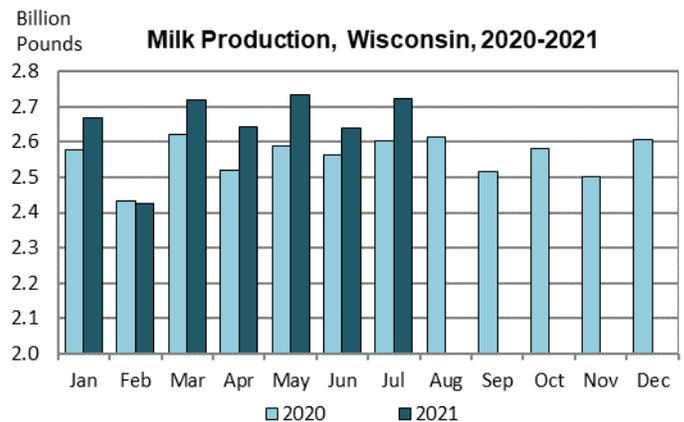
<sup>1</sup>Includes dry cows. Excludes heifers not yet fresh. <sup>2</sup>Excludes milk sucked by calves.

## Milk Production

Milk production in Wisconsin during July 2021 totaled 2.72 billion pounds, up 5% from the previous July. The average number of milk cows during July, at 1.28 million head, was the 3,000 more than last month and 21,000 more than July 2020. Monthly production per cow averaged 2,130 pounds, up 60 pounds from last July.

Milk production in the 24 major States during July totaled 18.3 billion pounds, up 2.1% from July 2020. June revised production, at 18.1 billion pounds, was up 3.2% from June 2020. The June revision represented a decrease of 1 million pounds or less than 0.1% from last month's preliminary production estimate. Production per cow in the 24 major States averaged 2,035 pounds for July, 11 pounds above July 2020. The number of milk cows on farms in the 24 major States was 8.99 million head, 136,000 head more than July 2020, but 3,000 head less than June 2021.

Milk production in the United States during July totaled 19.1 billion pounds, up 2.0% from July 2020. Production per cow in the United States averaged 2,015 pounds for July, 14 pounds above July 2020. The number of milk cows on farms in the United States was 9.50 million head, 128,000 head more than July 2020, but 3,000 head less than June 2021.



## Crop Production

### Wisconsin

Wisconsin **corn** production is forecast at 484 million bushels. Based on conditions as of August 1, yields are expected to average 167.0 bushels per acre, a decrease of 7.0 bushels per acre from last year. Planted area is estimated at 3.90 million acres. An estimated 2.90 million acres will be harvested for grain.

**Soybean** production is forecast at 106 million bushels, up 5.86 million from last year. The yield is forecast at 49.0 bushels per acre, 2.0 bushels below 2020. Soybean planted acreage is estimated at 2.20 million acres with 2.17 million acres expected to be harvested.

**Winter wheat** production is forecast at 18.2 million bushels, up 9.62 million bushels from 2020. Yields are expected to average 76.0 bushels per acre, up 5.0 bushel from the July forecast and up 7.0 bushels from last year. An estimated 240,000 acres will be harvested for grain.

**Oat** production is forecast at 3.84 million bushels, down 4.41 million bushels from 2020. The yield is forecast at 64.0 bushels per acre, up 8.0 bushels from July and 1.0 bushel from 2020. An estimated 60,000 acres will be harvested for grain.

Wisconsin hay yield for **alfalfa and alfalfa mixtures** is forecast at 2.50 tons per acre, with a total production of 2.13 million tons, down 563,000 tons from 2020. The forecasted yield for other hay is 1.30 tons per acre, with a production of 481,000 tons.

The forecasts in this report are based on August 1 conditions and do not reflect weather effects since that time. The next crop production forecasts, based on conditions as of September 1, will be released on September 10.

**Area Harvested, Yield, and Production: Wisconsin and United States, 2020 and Forecasted August 1, 2021**

State	Area harvested		Yield per acre		Production	
	2020	2021	2020	2021	2020	2021
	<i>(1,000 acres)</i>				<i>(1,000 bushels)</i>	
<b>Wisconsin</b>						
Corn..... bushels	2,970	2,900	174.0	167.0	516,780	484,300
Hay, alfalfa ..... tons	840	850	3.20	2.50	2,688	2,125
Hay, other ..... tons	530	370	1.50	1.30	795	481
Oats..... bushels	131	60	63.0	64.0	8,253	3,840
Soybeans ..... bushels	1,970	2,170	51.0	49.0	100,470	106,330
Wheat, winter ..... bushels	125	240	69.0	76.0	8,625	18,240
<b>United States</b>						
Corn..... bushels	82,467	84,495	172.0	174.6	14,182,479	14,750,368
Hay, alfalfa ..... tons	16,230	16,123	3.27	2.97	53,067	47,813
Hay, other ..... tons	36,008	35,414	2.05	2.00	73,745	70,927
Oats..... bushels	1,004	722	65.1	57.4	65,355	41,431
Soybeans ..... bushels	82,318	86,720	50.2	50.0	4,135,477	4,338,853
Wheat, winter ..... bushels	23,024	25,443	50.9	51.8	1,171,022	1,318,735

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

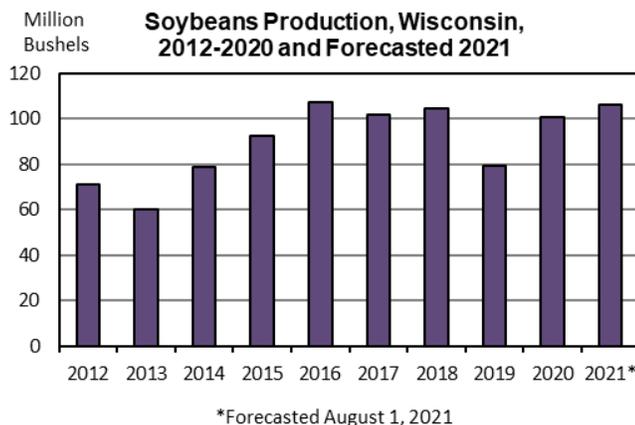
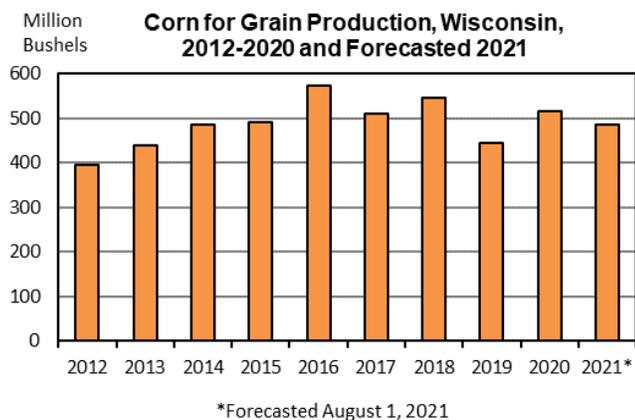
CORN	2019-2020	2020-2021 (Est.)	2021-2022 Projections
	<i>(million bushels)</i>		
Beginning stocks	2,221	1,919	1,117
Production	13,620	14,182	14,750
Imports	42	25	25
<b>Supply, total</b>	<b>15,883</b>	<b>16,127</b>	<b>15,892</b>
Feed & residual	5,900	5,725	5,625
Food, seed & industrial	6,286	6,510	6,625
<b>Domestic, total</b>	<b>12,186</b>	<b>12,235</b>	<b>12,250</b>
Exports	1,777	2,775	2,400
<b>Use, total</b>	<b>13,963</b>	<b>15,010</b>	<b>14,650</b>
<b>Ending stocks</b>	<b>1,919</b>	<b>1,117</b>	<b>1,242</b>
Avg. Farm price (\$/bu)	3.56	4.40	5.75

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm>

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

SOYBEANS	2019-2020	2020-2021 (Est.)	2021-2022 Projections
	<i>(million bushels)</i>		
Beginning stocks	909	525	160
Production	3,552	4,135	4,339
Imports	15	20	35
<b>Supply, total</b>	<b>4,476</b>	<b>4,680</b>	<b>4,533</b>
Crushings	2,165	2,155	2,205
Exports	1,679	2,260	2,055
Seed	96	102	104
Residual	12	4	14
<b>Use, total</b>	<b>3,952</b>	<b>4,520</b>	<b>4,379</b>
<b>Ending stocks</b>	<b>525</b>	<b>160</b>	<b>155</b>
Avg. Farm price (\$/bu)	8.57	10.90	13.70

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm>



**United States**

Corn production for grain is forecast at 14.8 billion bushels, up 4% from 2020. Based on conditions as of August 1, yields are expected to average 174.6 bushels per harvested acre, up 2.6 bushels from last year. Area harvested for grain is forecast at 84.5 million acres, unchanged from the June forecast, but up 2% from the previous year.

Soybean production for beans is forecast at 4.34 billion bushels, up 5% from 2020. Based on conditions as of August 1, yields are expected to average 50.0 bushels per harvested acre, down 0.2 bushel from 2020. Area harvested for beans in the United States is forecast at 86.7 million acres, unchanged from the previous forecast but up 5% from 2020.

Winter wheat: Production is forecast at 1.32 billion bushels, down 3% from the previous forecast but up 13% from 2020. Based on August 1 conditions, the United States yield is forecast at 51.8 bushels per acre, down 1.8 bushels from last month but up 0.9 bushels from last year's average yield of 50.9 bushels per acre. Area expected to be harvested for grain or seed totals 25.4 million acres, unchanged from last month, but up 11% from last year.

Oat production is forecast at 41.4 million bushels, down 37% from 2020. If realized, this would be the lowest production on record. Growers expect to harvest 722,000 acres for grain, unchanged from the previous forecast but down 28% from 2020. Based on conditions as of August 1, the United States yield is forecast at 57.4 bushels per acre, up 0.2 bushel per acre from the previous forecast but 7.7 bushels below the 2020 average yield.

**Chickens & Eggs**

Wisconsin egg production during July 2021 was 181 million eggs, down 2% from last month and down 8% from a year ago. The average number of all layers on hand during July 2021 was 7.02 million, down 6% from last month and down 10% from last July. Eggs per 100 layers for July were 2,572, up 4% from last month and up 2% from July 2020.

United States egg production totaled 9.39 billion during July 2021, up 1% from last year. Production included 8.10 billion table eggs, and 1.28 billion hatching eggs, of which 1.21 billion were broiler-type and 74.7 million were egg-type. The average number of layers during July 2021 totaled 385 million, up 1% from last year. July egg production per 100 layers was 2,439 eggs, down slightly from July 2020.

Total layers in the United States on August 1, 2021 totaled 385 million, up 1% from last year. The 385 million layers consisted of 319 million layers producing table or market type eggs, 62.8 million layers producing broiler-type hatching eggs, and 2.88 million layers producing egg-type hatching eggs. Rate of lay per day on August 1, 2021, averaged 78.8 eggs per 100 layers, down 1% from August 1, 2020.

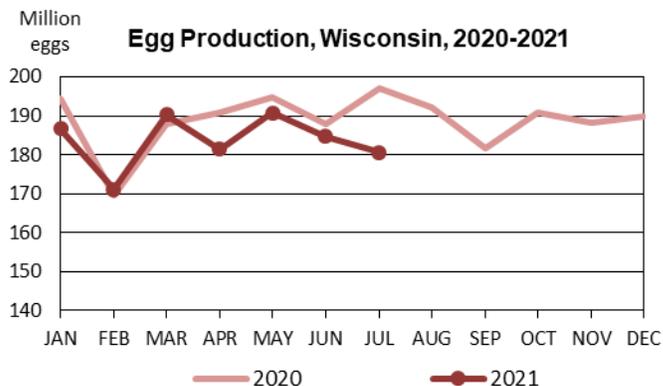
Egg-type chicks hatched during July 2021 totaled 50.4 million, up 9% from July 2020. Eggs in incubators totaled 44.0 million on August 1, 2021, down 5% from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 199 thousand during July 2021, down 32% from July 2020.

Broiler-type chicks hatched during July 2021 totaled 844 million, down 1% from July 2020. Eggs in incubators totaled 718 million on August 1, 2021, up 4% from a year ago.

**Layers on Hand and Eggs Produced Wisconsin and United States, July 2020 and 2021**

Commodity	Wisconsin		United States	
	2020	2021	2020	2021
Table egg layers in flocks				
30,000 & above.....(1,000 layers)	6,720	5,893	301,044	302,696
All layers on hand.....(1,000 layers)	7,823	7,022	381,014	384,964
Eggs per 100 layers.....(eggs)	2,518	2,572	2,445	2,439
Total egg production.....(million eggs)	197.0	180.6	9,317.2	9,388.5
Table egg production.....(million eggs)	190.7	174.6	8,063.5	8,103.7



## WISCONSIN'S RANK IN THE NATION'S AGRICULTURAL PRODUCTION, 2020

Commodity	Rank among states	Unit	Wisconsin (Thousands)	Percent of U.S.	United States (Thousands)	Leading state
<b>DAIRY</b>						
Milk production	2	Lbs.	30,730,000	13.8	223,220,000	California
<b>Cheese, total (excluding cottage cheese)</b>	<b>1</b>	<b>Lbs.</b>	<b>3,389,763</b>	<b>25.6</b>	<b>13,253,423</b>	<b>Wisconsin</b>
<b>American</b>	<b>1</b>	<b>Lbs.</b>	<b>1,063,446</b>	<b>19.9</b>	<b>5,337,533</b>	<b>Wisconsin</b>
<b>Cheddar</b>	<b>1</b>	<b>Lbs.</b>	<b>743,236</b>	<b>19.4</b>	<b>3,828,150</b>	<b>Wisconsin</b>
Hispanic	2	Lbs.	105,068	30.2	347,424	California
<b>Italian</b>	<b>1</b>	<b>Lbs.</b>	<b>1,645,934</b>	<b>29.3</b>	<b>5,625,170</b>	<b>Wisconsin</b>
Mozzarella	2	Lbs.	1,078,817	24.2	4,450,592	California
<b>Dry whey, human food</b>	<b>1</b>	<b>Lbs.</b>	<b>280,226</b>	<b>30.1</b>	<b>932,242</b>	<b>Wisconsin</b>
<b>LIVESTOCK AND POULTRY</b>						
Cattle and calves, all 1/	9	Head	3,450	3.7	93,595	Texas
Milk cows 1/	2	Head	1,260	13.3	9,440	California
Hogs and pigs, all 2/	18	Head	400	0.5	77,502	Iowa
Sheep 1/	17	Head	86	1.7	5,170	Texas
<b>Milk goats 1/</b>	<b>1</b>	<b>Head</b>	<b>72</b>	<b>17.1</b>	<b>420</b>	<b>Wisconsin</b>
Chickens 2/	14	Head	10,173	2.0	518,279	Iowa
Broilers	20	Head	55,000	0.6	9,222,100	Georgia
Eggs	15	Eggs	2,274,900	2.0	111,573,300	Iowa
<b>Mink pelts</b>	<b>1</b>	<b>Pelts</b>	<b>404</b>	<b>28.8</b>	<b>1,405</b>	<b>Wisconsin</b>
Honey	15	Lbs.	2,250	1.5	147,594	North Dakota
<b>CROPS</b>						
Corn for grain	10	Bu.	516,780	3.6	14,182,479	Iowa
<b>Corn for silage</b>	<b>1</b>	<b>Tons</b>	<b>20,370</b>	<b>14.8</b>	<b>137,729</b>	<b>Wisconsin</b>
Soybeans	15	Bu.	100,470	2.4	4,135,477	Illinois
Barley	18	Bu.	598	0.4	165,324	Idaho
Oats	2	Bu.	8,253	12.6	65,355	North Dakota
Wheat, winter	21	Bu.	8,625	0.7	1,171,022	Kansas
Forage (dry equivalent), all	2	Tons	7,242	8.8	82,294	Texas
Hay (dry only), all	15	Tons	3,483	2.7	126,812	Texas
Potatoes, all	3	Cwt.	27,800	6.7	414,248	Idaho
Cherries, tart	4	Lbs.	10,100	7.2	139,500	Michigan
<b>Cranberries</b>	<b>1</b>	<b>Barrels</b>	<b>4,640</b>	<b>59.3</b>	<b>7,830</b>	<b>Wisconsin</b>
Maple syrup	4	Gals.	265	6.4	4,111	Vermont
Carrots, all	3	Cwt.	1,820	5.8	31,145	California
Green peas, all	3	Cwt.	1,136	20.7	5,499	Washington
Pumpkins, all	12	Cwt.	158	1.1	13,752	Illinois
<b>Snap beans, all</b>	<b>1</b>	<b>Cwt.</b>	<b>5,660</b>	<b>38.3</b>	<b>14,769</b>	<b>Wisconsin</b>
Sweet corn, all	3	Cwt.	9,993	15.9	62,919	Washington

1/January 1, 2021 inventory. 2/December 1, 2020.



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  
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# Wisconsin Ag News – Monthly Prices

Wisconsin Field Office • 2811 Agriculture Drive • Madison WI 53718 • (608) 224-4848  
fax (855) 271-9802 • [www.nass.usda.gov/wi](http://www.nass.usda.gov/wi)

Cooperating with Wisconsin Department of Agriculture, Trade and Consumer Protection

August 31, 2021

Media Contact: Greg Bussler

The average price received by farmers for **corn** during July 2021 in Wisconsin was \$6.04 per bushel according to the latest USDA, National Agricultural Statistics Service - *Agricultural Prices* report. This was 39 cents above the June price and \$2.99 above July 2020.

The July 2021 average price received by farmers for **soybeans**, at \$14.40 per bushel, was 10 cents below the June price but \$6.04 above the July 2020 price.

The July average **oat** price per bushel, at \$3.15, was 12 cents below June but 34 cents above July 2020.

**All hay** prices in Wisconsin averaged \$153.00 per ton in July. This was \$20.00 below the June price but \$4.00 above the July 2020 price. The July 2021 **alfalfa hay** price, at \$172.00, was \$11.00 below the previous month but \$9.00 above July 2020. The average price received for **other hay** during July was \$108.00 per ton. This was \$10.00 below the June price and \$11.00 below July last year.

The average price for **milk**, at \$17.70 per cwt, was 60 cents below the June price and \$4.60 below a year ago.

## Prices Received by Farmers - Wisconsin and United States

	Wisconsin			United States		
	July 2020	June 2021	July 2021	July 2020	June 2021	July 2021
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Corn .....bu	3.05	5.65	6.04	3.21	6.00	6.12
Hay, all baled .....ton	149.00	173.00	153.00	156.00	179.00	185.00
Alfalfa .....ton	163.00	183.00	172.00	172.00	199.00	201.00
Other .....ton	119.00	118.00	108.00	133.00	140.00	151.00
Oats .....bu	2.81	3.27	3.15	2.97	3.42	3.60
Soybeans .....bu	8.36	14.50	14.40	8.50	14.50	14.10
Milk, all .....cwt	22.30	18.30	17.70	20.60	18.40	17.90

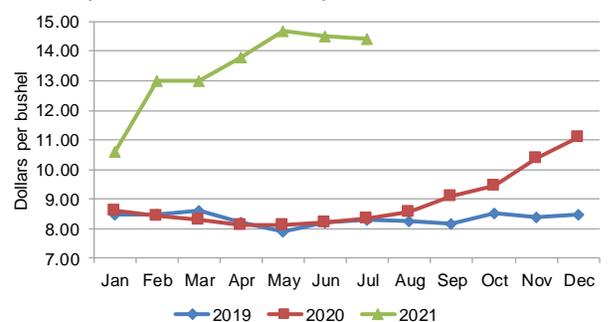
## Livestock Prices Received by Farmers - United States

	July 2020	June 2021	July 2021
	(dollars)	(dollars)	(dollars)
Calves .....cwt	149.00	159.00	165.00
Cattle, all beef .....cwt	97.10	121.00	122.00
Cows <sup>1</sup> .....cwt	70.50	73.90	75.60
Steers and heifers .....cwt	98.00	123.00	125.00
Hogs, all .....cwt	39.90	82.70	80.00
Barrows and gilts .....cwt	40.70	84.20	80.70
Sows .....cwt	21.20	52.40	67.10
Eggs (market) <sup>2</sup> .....doz	0.475	0.503	0.578

<sup>1</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>2</sup> Also referred to as table eggs.

Soybean Price Received by Farmers - Wisconsin



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The complete report can be found under **Publications** on the USDA NASS website at [www.nass.usda.gov](http://www.nass.usda.gov).



# Wisconsin Crop Progress & Condition

Upper Midwest Region - Wisconsin Field Office · 2811 Agriculture Drive · Madison WI 53718-6777 · (608) 224-4848  
fax (855) 271-9802 · www.nass.usda.gov/wi

Cooperating with Wisconsin Department of Agriculture, Trade and Consumer Protection

For the week ending September 5, 2021  
Issued September 7, 2021

Media Contact: Greg Bussler

Wisconsin had **5.5 days suitable for fieldwork** for the week ending September 5, 2021, according to the USDA's National Agricultural Statistics Service. Temperatures were near normal, but precipitation was below normal. Hay cutting continues, and producers have begun chopping corn silage. Corn and soybeans continue to mature.

**Topsoil moisture** condition rated 9% very short, 12% short, 68% adequate and 11% surplus. **Subsoil moisture** condition rated 10% very short, 13% short, 67% adequate and 10% surplus.

**Corn** is reported 91% in the dough stage or beyond, 2 days behind last year but 9 days ahead of the 5-year average. Sixty-five percent of corn is dented, 1 day ahead of last year and 7 days ahead of the average. Seven percent of corn was mature, 6 days behind last year and 2 days behind average. Corn condition was 75% good to excellent, three percentage points below last week.

**Soybeans** are reported 97% setting pods. Leaves are coloring in 40% of soybeans, 2 days behind last year but 4 days ahead of the average. Six percent of soybeans are dropping leaves, 4 days behind last year but the same as the average. Soybean condition was 74% good to excellent, 1 percentage point below last week.

**Oats** are 93% harvested, 7 days behind last year but 6 days ahead of the average.

**Potato** harvest is reported 33% complete. Potato condition is rated 90% good to excellent, 2 percentage points below last week.

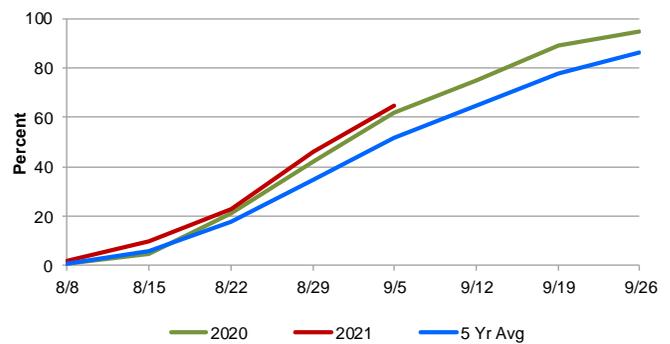
The third cutting of **alfalfa hay** is 93% complete, 3 days behind last year but 1 day ahead of average. The 4<sup>th</sup> cutting is 48% complete, 2 days ahead of last year and 3 days ahead of the average. **All hay** condition was rated 76% good to excellent, 2 percentage points better than last week.

**Pasture** condition was rated 63% good to excellent, 2 percentage points above last week.

## Crop Condition as of September 5, 2021

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn .....	2	4	19	44	31
Hay, all .....	2	5	17	55	21
Pasture and range ....	4	11	22	43	20
Potatoes .....	1	2	7	63	27
Soybeans .....	2	5	19	51	23

## Corn Dented - Wisconsin



## Crop Progress as of September 5, 2021

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)												
Corn dough .....	84	64	82	95	89	94	93	96	99	91	83	93	84
Corn dented .....	40	41	56	66	77	65	67	73	84	65	46	62	52
Corn mature .....	2	4	4	9	5	8	3	11	8	7	2	13	9
Corn harvested for silage .....	4	3	1	4	4	4	40	17	22	9	4	22	9
Hay, alfalfa, third cutting .....	90	67	99	94	88	97	99	96	98	93	88	95	92
Hay, alfalfa, fourth cutting .....	22	8	77	45	43	52	62	57	67	48	32	43	43
Oats harvested for grain .....	91	70	100	99	93	98	99	97	100	93	85	97	89
Soybeans coloring .....	48	12	19	45	28	37	39	50	49	40	19	46	29
Soybeans dropping leaves .....	6	5	1	5	1	4	8	9	10	6	1	11	6
Wheat, winter, planted	9	9	12	1	8	18	1	12	1	11	5	21	9

## Days Suitable for Fieldwork and Soil Moisture Condition as of September 5, 2021

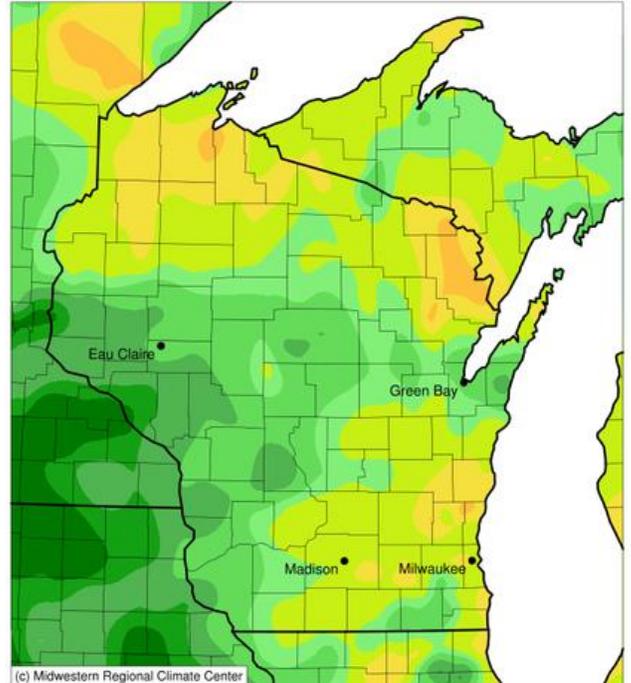
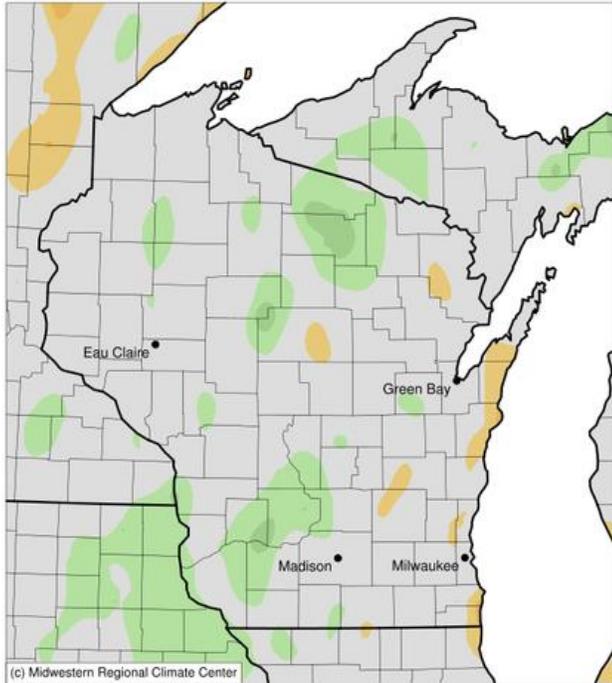
Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)											
Days suitable .....	5.4	4.9	5.4	4.6	5.2	5.7	6.2	5.8	6.3	5.5	4.1	5.8
	(percent)											
Topsoil moisture												
Very short .....	3	1	0	2	0	0	18	14	53	9	7	9
Short .....	23	1	9	11	5	4	3	33	18	12	10	22
Adequate .....	70	60	80	82	67	75	78	52	29	68	65	66
Surplus .....	4	38	11	5	28	21	1	1	0	11	18	3
Subsoil moisture												
Very short .....	9	1	2	1	0	0	19	16	55	10	9	8
Short .....	26	1	12	13	4	5	4	34	14	13	12	20
Adequate .....	63	69	70	81	69	76	75	49	31	67	64	68
Surplus .....	2	29	16	5	27	19	2	1	0	10	15	4

# Wisconsin Temperatures and Precipitation for the week ending September 5, 2021

Maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time on August 30, 2021, through 7:00 A.M. Central Time on September 5, 2021.

**Average Temperature (°F): Departure from 1991-2020 Normals**  
August 30, 2021 to September 05, 2021

**Accumulated Precipitation (in)**  
August 30, 2021 to September 05, 2021



Legend for Average Temperature: -3, -2, -1, 0, 1, 2, 3, 4, 5  
 Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
 cli-MATE: MRCC Application Tools Environment  
 Generated at: 9/7/2021 10:25:22 AM CDT

Legend for Accumulated Precipitation: 0.01, 0.05, 0.1, 0.2, 0.3, 0.5, 0.75, 1, 1.5, 2, 2.5, 3, 4  
 Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
 cli-MATE: MRCC Application Tools Environment  
 Generated at: 9/7/2021 10:13:46 AM CDT

Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>  
 National Weather Service data, courtesy of the Wisconsin State Climatology Office, is available at: <http://www.aos.wisc.edu/~sco/clim-watch/index.html>  
 Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>

## Wisconsin Weekly Weather, Selected Cities, Ending as of 7:00 a.m. on September 5, 2021

City	Temperature						Growing degree days (modified base 50) <sup>1</sup>		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal *	Mar. 1 to Sep. 4	Mar. 1 to Sep. 4 normal*	Last Week	Since Sep. 1	Sep. 1 dep. from normal *	Year to date	Year dep. from normal *
Eau Claire	77	56	83	49	66	+0	2,579	2,326	0.44	0.39	-0.09	18.00	-4.64
Green Bay	75	57	83	51	66	+2	2,434	2,026	1.30	0.23	-0.17	23.79	+3.04
La Crosse	79	60	86	54	70	+1	2,961	2,566	0.51	0.49	+0.00	30.53	+6.04
Madison	77	57	84	48	67	+1	2,636	2,319	0.10	0.10	-0.36	16.45	-8.78
Milwaukee	79	64	90	59	72	+3	2,726	2,250	0.05	0.01	-0.33	11.55	-12.92

<sup>1</sup>Formula used: GDD = (daily maximum (86°) + daily minimum (50°))/2-50°; where 86° is used if the maximum exceeds 86° and 50° is used if the minimum falls below 50°. \*Normal based on 1981-2010 data. n.a.=not available. T=trace Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>.

This report has been made possible through the cooperative efforts of the U.S. Department of Agriculture, the Wisconsin Department of Agriculture, Trade, and Consumer Protection, and the National Weather Service.



United States Department of Agriculture  
National Agricultural Statistics Service

# Wisconsin Ag News – Crop Production



Wisconsin Field Office · 2811 Agriculture Drive · Madison WI 53718 · (608) 224-4848  
fax (855) 271-9802 · www.nass.usda.gov

Cooperating with Wisconsin Department of Agriculture, Trade and Consumer Protection

September 10, 2021

Media Contact: Greg Bussler

Wisconsin **corn** production is forecast at 506 million bushels according to the latest USDA, National Agricultural Statistics Service – *Crop Production* report. Based on conditions as of September 1, yields are expected to average 172.0 bushels per acre, an increase of 5.0 bushels per acre from the August 1 forecast but down 2.0 bushels per acre from last year. Corn planted acreage is estimated at 3.95 million acres. An estimated 2.94 million acres will be harvested for grain. Acreage updates were made based on a thorough review of all available data.

**Soybean** production is forecast at 101 million bushels. The yield is forecast at 49.0 bushels per acre, unchanged from the August 1 forecast but 2.0 bushels below 2020. Soybean planted acreage is estimated at 2.10 million acres with 2.07 million acres to be harvested. Acreage updates were made based on a thorough review of all available data.

The forecasts in this report are based on September 1 conditions and do not reflect weather effects since that time. The next crop production forecasts, based on conditions as of October 1, will be released on October 12.

## Area Harvested, Yield, and Production – Wisconsin and United States: 2020 and Forecasted September 1, 2021

State	Area harvested		Yield per acre		Production	
	2020 (1,000 acres)	2021 (1,000 acres)	2020	2021	2020 (1,000)	2021 (1,000)
<b>Wisconsin</b>						
Corn.....bushels	2,970	2,940	174.0	172.0	516,780	505,680
Soybeans.....bushels	1,970	2,070	51.0	49.0	100,470	101,430
<b>United states</b>						
Corn.....bushels	82,467	85,085	172.0	176.3	14,182,479	14,996,417
Soybeans.....bushels	82,318	86,436	50.2	50.6	4,135,477	4,373,927

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

CORN	2019-2020	2020-2021 (Est.)	2021-2022 Projections September
	<i>(million bushels)</i>	<i>(million bushels)</i>	<i>(million bushels)</i>
Beginning stocks	2,221	1,919	1,187
Production	13,620	14,182	14,996
Imports	42	25	25
<b>Supply, total</b>	<b>15,883</b>	<b>16,127</b>	<b>16,208</b>
Feed & residual	5,900	5,725	5,700
Food, seed & industrial	6,286	6,470	6,625
<b>Domestic, total</b>	<b>12,186</b>	<b>12,195</b>	<b>12,325</b>
Exports	1,777	2,745	2,475
<b>Use, total</b>	<b>13,963</b>	<b>14,940</b>	<b>14,800</b>
<b>Ending stocks</b>	<b>1,919</b>	<b>1,187</b>	<b>1,408</b>
Avg. Farm price (\$/bu)	3.56	4.45	5.45

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report  
<http://www.usda.gov/oce/commodity/wasde/index.htm>

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

SOYBEANS	2019-2020	2020-2021 (Est.)	2021-2022 Projections September
	<i>(million bushels)</i>	<i>(million bushels)</i>	<i>(million bushels)</i>
Beginning stocks	909	525	175
Production	3,552	4,135	4,374
Imports	15	20	25
<b>Supply, total</b>	<b>4,476</b>	<b>4,680</b>	<b>4,574</b>
Crushings	2,165	2,140	2,180
Exports	1,679	2,260	2,090
Seed	96	101	104
Residual	12	4	14
<b>Use, total</b>	<b>3,952</b>	<b>4,505</b>	<b>4,389</b>
<b>Ending stocks</b>	<b>525</b>	<b>175</b>	<b>185</b>
Avg. Farm price (\$/bu)	8.57	10.90	12.90

<sup>1</sup> Source: USDA OCE World Agricultural Supply and Demand Estimates Report  
<http://www.usda.gov/oce/commodity/wasde/index.htm>

## United States Summary

Corn production for grain is forecast at 15.0 billion bushels, up 2% from the previous forecast and up 6% from 2020. Based on conditions as of September 1, yields are expected to average 176.3 bushels per harvested acre, up 1.7 bushels from the previous forecast and up 4.3 bushels from last year. Acreage updates were made in several States based on a thorough review of all available data. Total planted area, at 93.3 million acres, is up 1% from the previous estimate, and up 3% from the previous year. Area harvested for grain is forecast at 85.1 million acres, up 1% from the previous forecast and up 3% from the previous year.

Soybean production for beans is forecast at 4.37 billion bushels, up 1% from the previous forecast and up 6% from 2020. Based on conditions as of September 1, yields are expected to average 50.6 bushels per harvested acre, up 0.6 bushel from the previous forecast and up 0.4 bushel from 2020. Total planted area, at 87.2 million acres, is down less than 1% from the previous estimate but up 5% from the previous year. Area harvested for beans in the United States is forecast at 86.4 million acres, down less than 1% from the previous forecast but up 5% from 2020. Acreage updates were made in several States based on a thorough review of all available data.



# Wisconsin Crop Progress & Condition

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Cooperating with Wisconsin Department of Agriculture, Trade and Consumer Protection

For the week ending September 19, 2021  
Issued September 20, 2021

Media Contact: Greg Bussler

Wisconsin had 6.1 **days suitable for fieldwork** for the week ending September 19, 2021, according to the USDA's National Agricultural Statistics Service. Temperatures were normal to above normal across the state. Sections of southern and northern Wisconsin received noticeable precipitation, but the center portions received little to no rain. Dryer areas reported soil moisture still short of adequate. Corn silage, hay, and winter wheat are receiving the most attention, with row crop harvest beginning in some areas.

**Topsoil moisture** condition rated 12% very short, 16% short, 68% adequate and 4% surplus. **Subsoil moisture** condition rated 13% very short, 14% short, 69% adequate and 4% surplus.

**Corn** is reported 97% in the dough stage or beyond. Ninety percent of corn is dented, 1 day ahead of last year and 12 days ahead of the 5-year average. Thirty-six percent of corn was mature, 4 days behind last year but 2 days ahead of average. Harvest has begun with 1% harvested. Corn condition was 75% good to excellent, one percentage point above last week. Corn silage is 56% harvested, 1 day behind last year but 8 days ahead of the average

**Soybeans** are reported 90% coloring, 1 day ahead of last year and 9 days ahead of the average. Fifty-two percent of soybeans are dropping leaves, even with last year but 4 days ahead of the average. Soybean harvest is 2% complete. Soybean condition was 73% good to excellent, the same as last week.

**Potato** harvest is reported 52% complete. Potato condition is rated 86% good to excellent, even with last week.

**Winter wheat** planting was 29% complete, 9 days behind last year but 2 days ahead of the average. Twelve percent of winter wheat was emerged, 2 days behind last year but 3 days ahead of the average

The 4<sup>th</sup> cutting of **alfalfa hay** is 82% complete, 4 days ahead of last year and 10 days ahead of the average.

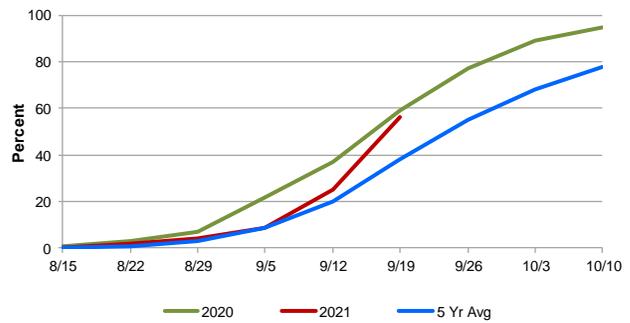
**Pasture** condition was rated 63% good to excellent, 3 percentage points above last week.

**Fall tillage** was reported at 2% complete.

## Crop Condition as of September 19, 2021

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	3	6	16	44	31
Pasture and range.....	9	10	18	43	20
Potatoes.....	1	2	11	60	26
Soybeans.....	3	7	17	51	22

## Corn Harvested for Silage - Wisconsin



## Crop Progress as of September 19, 2021

Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)												
Corn dough .....	91	89	97	98	98	98	98	99	100	97	94	99	94
Corn dented .....	74	79	91	90	93	94	90	95	96	90	82	89	78
Corn mature .....	17	36	30	37	24	44	28	47	42	36	15	46	32
Corn harvested for silage.....	51	42	66	40	53	48	76	85	70	56	25	59	38
Hay, alfalfa, fourth cutting .....	61	61	94	85	73	89	86	88	93	82	68	76	70
Soybeans coloring .....	87	90	90	89	92	88	93	91	89	90	70	88	75
Soybeans dropping leaves .....	43	53	42	54	61	45	54	51	62	52	22	52	39
Wheat, winter, planted.....	68	51	26	31	30	32	19	31	12	29	20	46	27
Wheat, winter, emerged.....	34	16	12	15	7	20	1	9	0	12	9	14	9

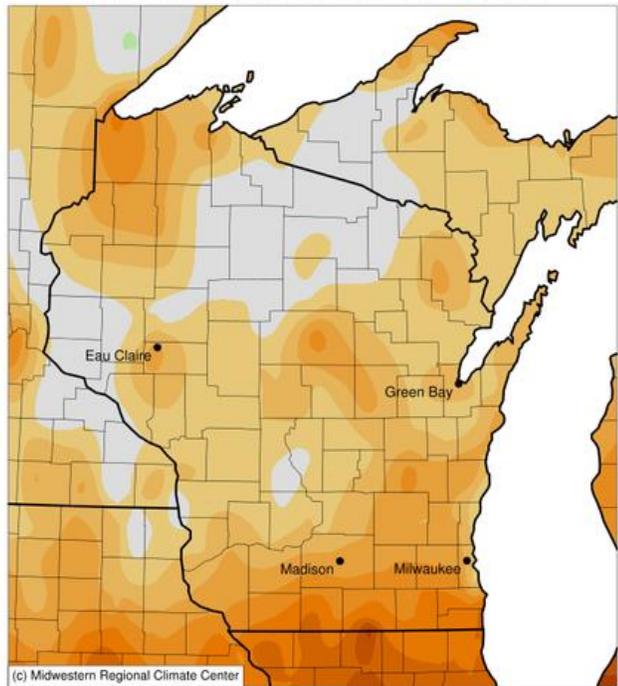
## Days Suitable for Fieldwork and Soil Moisture Condition as of September 19, 2021

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	(days)											
Days suitable .....	5.3	5.5	6.5	5.9	6.5	6.1	6.5	6.2	6.7	6.1	6.0	6.3
	(percent)											
Topsoil moisture												
Very short .....	9	3	3	1	1	1	17	29	54	12	11	4
Short .....	29	2	19	10	18	11	7	29	19	16	13	16
Adequate .....	60	95	74	84	76	70	76	42	27	68	70	77
Surplus .....	2	0	4	5	5	18	0	0	0	4	6	3
Subsoil moisture												
Very short .....	13	3	7	1	1	1	19	27	54	13	11	3
Short .....	28	2	22	10	8	10	7	30	14	14	14	15
Adequate .....	58	95	62	85	81	73	74	43	32	69	68	78
Surplus .....	1	0	9	4	10	16	0	0	0	4	7	4

# Wisconsin Temperatures and Precipitation for the week ending September 19, 2021

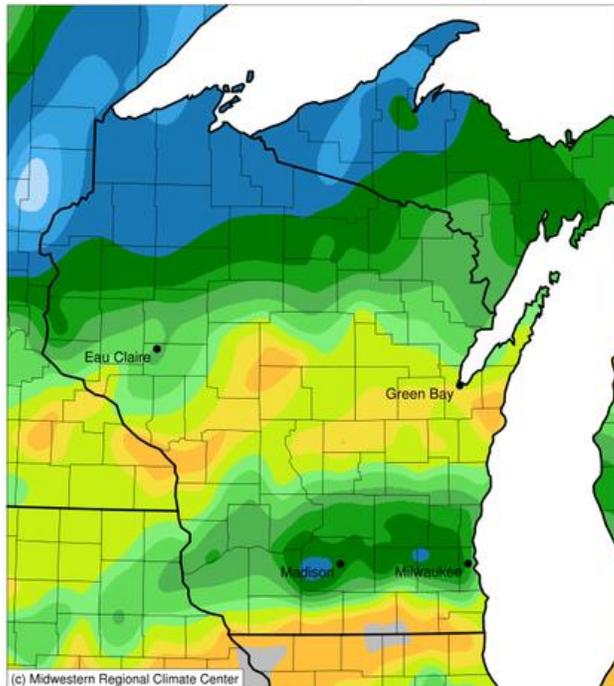
Maps from the Midwestern Regional Climate Center reflect data collected from 7:00 A.M. Central Time on September 13, 2021, through 7:00 A.M. Central Time on September 19, 2021.

**Average Temperature (°F): Departure from 1991-2020 Normals**  
September 13, 2021 to September 19, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 9/20/2021 10:13:32 AM CDT

**Accumulated Precipitation (in)**  
September 13, 2021 to September 19, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 9/20/2021 10:11:43 AM CDT

Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>  
National Weather Service data, courtesy of the Wisconsin State Climatology Office, is available at: <http://www.aos.wisc.edu/~sco/clim-watch/index.html>  
Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>

## Wisconsin Weekly Weather, Selected Cities, Ending as of 7:00 a.m. on September 19, 2021

City	Temperature						Growing degree days (modified base 50) <sup>1</sup>		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal *	Mar. 1 to Sep. 18	Mar. 1 to Sep. 18 normal*	Last Week	Since Sep. 1	Sep. 1 dep. from normal *	Year to date	Year dep. from normal *
Eau Claire	76	48	83	39	62	+2	2,783	2,513	0.25	0.81	-1.42	18.43	-5.98
Green Bay	76	50	83	43	63	+4	2,636	2,200	0.02	0.43	-1.36	23.99	+1.83
La Crosse	78	53	85	43	66	+3	3,211	2,778	0.04	0.53	-1.66	30.57	+4.39
Madison	76	54	82	48	65	+4	2,853	2,515	1.16	1.41	-0.52	17.76	-8.94
Milwaukee	78	61	89	55	69	+6	3,002	2,461	1.13	1.24	-0.63	12.78	-13.19

<sup>1</sup>Formula used: GDD = (daily maximum (86°) + daily minimum (50°))/2-50°; where 86° is used if the maximum exceeds 86° and 50° is used if the minimum falls below 50°. \*Normal based on 1981-2010 data. n.a.=not available. T=trace Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>.

This report has been made possible through the cooperative efforts of the U.S. Department of Agriculture, the Wisconsin Department of Agriculture, Trade, and Consumer Protection, and the National Weather Service.