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WISCONSIN FARM REPORTER

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Inside This Issue:

- Chickens & Eggs
- Milk Production
- Crop Production
- Land Values
- Cash Rents, State
- Farm Computer Use

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

Chickens & Eggs

Wisconsin **egg production** during July 2019 was 183 million eggs, up 2 percent from last month and up 4 percent from last year. The average number of **all layers on hand** during July 2019 was 7.01 million, virtually unchanged from last month but down 4 percent from last year. **Eggs per 100 layers** for July were 2,610, up 2 percent from last month and up 8 percent from last year.

United States egg production totaled 9.41 billion during July 2019, up 2 percent from last year. Production included 8.20 billion table eggs, and 1.21 billion hatching eggs, of which 1.12 billion were broiler-type and 84.8 million were egg-type. The average number of layers during July 2019 totaled 390 million, down slightly from last year. July egg production per 100 layers was 2,409 eggs, up 2 percent from July 2018. All layers in the United States on August 1, 2019 totaled 390 million, up slightly from last year. The 390 million layers consisted of 328 million layers producing table or market type eggs, 58.9 million layers producing broiler-type hatching eggs, and 3.25 million layers producing egg-type hatching eggs. Rate of lay per day on August 1, 2019, averaged 77.7 eggs per 100 layers, up 2 percent from August 1, 2018.

Layers on Hand and Eggs Produced
Wisconsin and United States, July 2018 and 2019

Commodity	Wisconsin		United States	
	2018	2019	2018	2019
Table egg layers in flocks 30,000 & above.....*(1,000 layers)*	6,169	5,883	313,610	312,569
All layers on hand.....*(1,000 layers)*	7,263	7,008	390,626	390,408
Eggs per 100 layers.....*(eggs)*	2,418	2,610	2,365	2,409
Total egg production.....*(million eggs)*	175.6	182.9	9,239.2	9,406.7
Table egg production.....*(million eggs)*	(D)	176.8	8,035.5	8,198.8

(D) Withheld to avoid disclosing data for individual operations.

Milk Production

Milk production in Wisconsin during July 2019 totaled 2.61 billion pounds, down 1 percent from the previous July. The average number of milk cows during July, at 1.27 million head, was the same as last month but down 6,000 from last year. Monthly production per cow averaged 2,055 pounds, down 10 pounds from last July.

Milk production in the 24 major States during July totaled 17.5 billion pounds, up 0.1 percent from July 2018. June revised production, at 17.4 billion pounds, was up 0.2 percent from June 2018. The June revision represented an increase of 26 million pounds or 0.1 percent from last month's preliminary production estimate. Production per cow in the 24 major States averaged 1,993 pounds for July, 16 pounds above July 2018. The number of milk cows on farms in the 24 major States was 8.77 million head, 60,000 head less than July 2018, and 8,000 head less than June 2019.

Milk production in the United States during July totaled 18.3 billion pounds, up slightly from July 2018. Production per cow in the United States averaged 1,969 pounds for July, 17 pounds above July 2018. The number of milk cows on farms in the United States was 9.31 million head, 82,000 head less than July 2018, and 9,000 head less than June 2019.

July Milk Production

State	Milk cows [1]		Rate per cow [2]		Production [2]		
	2018	2019	2018	2019	2018	2019	Change from 2018
	(thousand head)		*(pounds)*		*(million pounds)*		*(percent)*
Arizona	206	193	1,895	1,885	390	364	-6.7
California	1,734	1,728	1,900	1,955	3,295	3,378	+2.5
Colorado	177	187	2,215	2,220	392	415	+5.9
Florida	119	115	1,580	1,615	188	186	-1.1
Georgia	81	82	1,770	1,795	143	147	+2.8
Idaho	610	620	2,175	2,185	1,327	1,355	+2.1
Illinois	92	84	1,680	1,705	155	143	-7.7
Indiana	184	175	1,890	1,890	348	331	-4.9
Iowa	220	217	1,995	2,010	439	436	-0.7
Kansas	159	161	1,970	1,960	313	316	+1.0
Michigan	423	425	2,240	2,245	948	954	+0.6
Minnesota	452	447	1,860	1,900	841	849	+1.0
New Mexico	328	323	2,140	2,155	702	696	-0.9
New York	622	627	2,065	2,055	1,284	1,288	+0.3
Ohio	260	246	1,795	1,785	467	439	-6.0
Oregon	121	123	1,790	1,800	217	221	+1.8
Pennsylvania	520	485	1,730	1,715	900	832	-7.6
South Dakota	121	123	1,900	1,920	230	236	+2.6
Texas	538	565	2,050	2,065	1,103	1,167	+5.8
Utah	101	97	2,000	1,990	202	193	-4.5
Vermont	127	126	1,770	1,810	225	228	+1.3
Virginia	83	74	1,610	1,610	134	119	-11.2
Washington	277	278	2,095	2,090	580	581	+0.2
Wisconsin	**1,274**	**1,268**	**2,065**	**2,055**	**2,631**	**2,606**	**-1.0**
24-State Total	8,829	8,769	1,977	1,993	17,454	17,480	+0.1

[1]Includes dry cows. Excludes heifers not yet fresh. [2]Excludes milk sucked by calves.

Crop Production

Wisconsin

Wisconsin **corn** production is forecast at 469 million bushels. Based on conditions as of August 1, yields are expected to average 165.0 bushels per acre, a decrease of 7.0 bushels per acre from last year. Planted area is estimated at 3.85 million acres. An estimated 2.84 million acres will be harvested for grain.

Soybean production is forecast at 83.7 million bushels, down 22.2 million from last year. The yield is forecast at 47.0 bushels per acre, 2.0 bushels below 2018. Soybean planted acreage is estimated at 1.80 million acres with 1.78 million acres to be harvested.

Winter wheat production is forecast at 10.7 million bushels, down 3.49 million bushels from 2018. Yields are expected to average 63.0 bushels per acre, down 3.0 bushels from the July forecast and down 8.0 bushels from last year. An estimated 170,000 acres will be harvested for grain.

Oat production is forecast at 7.41 million bushels, up 1.92 million bushels from 2018. The yield is forecast at 57.0 bushels per acre, down 5.0 bushels from July and down 4.0 bushels from 2018. An estimated 130,000 acres will be harvested for grain.

Wisconsin hay yield for **alfalfa and alfalfa mixtures** is forecast at 2.60 tons per acre, with a total production of 2.21 million tons, up 283,000 tons from 2018. The forecasted yield for **other hay** is 2.00 tons per acre, with a production of 1.10 million 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 12.

United States

Corn production for grain is forecast at 13.9 billion bushels, down 4 percent from 2018. Based on conditions as of August 1, yields are expected to average 169.5 bushels per harvested acre, down 6.9 bushels from 2018. Area harvested for grain is forecast at 82.0 million acres, down 2 percent from the previous forecast, but up less than 1 percent from 2018. Area planted for all purposes totaled 90.0 million acres, down 2 percent from the previous estimate but up 1 percent from 2018.

Soybean production for beans is forecast at 3.68 billion bushels, down 19 percent from 2018. Based on conditions as of August 1, yields are expected to average 48.5 bushels per harvested acre, down 3.1 bushels from 2018. Area

harvested for beans is forecast at 75.9 million acres, down 4 percent from the previous forecast, and down 14 percent from 2018. Area planted for all purposes totaled 76.7 million acres, down 4 percent from the previous

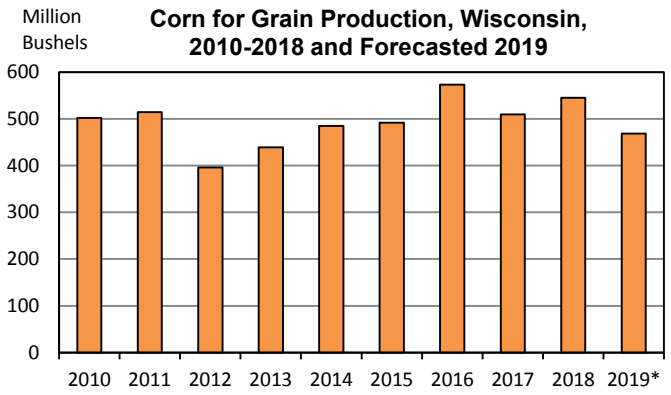
estimate, and down 14 percent from 2018.

Winter wheat production for grain is forecast at 1.33 billion bushels, up 3 percent from the previous forecast and up 12 percent from 2018. Based on August 1 conditions, yields are expected to average 53.2 bushels per harvested acre, up 1.4 bushels from last month, and up 5.3 bushels from 2018. Area harvested for grain is forecast at 24.9 million acres, unchanged from the previous forecast, but up 1 percent from 2018.

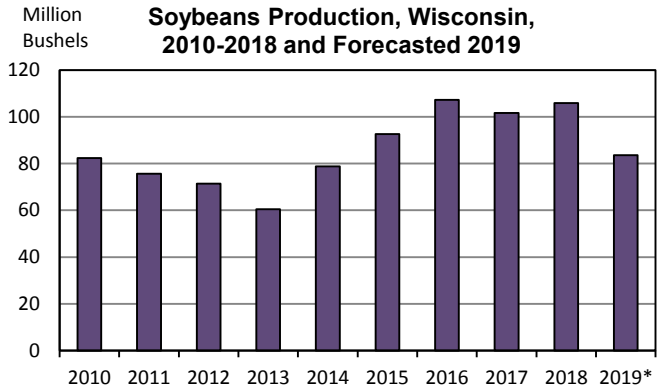
Oats production is forecast at 60.4 million bushels, down 2 percent from the previous forecast but up 12 percent from 2018 for comparable States. Growers expect to harvest 909,000 acres for grain, unchanged from the previous forecast but up 10 percent from 2018 for comparable States. Based on conditions as of August 1, the United States yield is forecast at 66.4 bushels per acre, down 1.4 bushels from the previous forecast but 1.1 bushels above the 2018 average yield for comparable States.

Area Harvested, Yield, and Production: Wisconsin and United States, 2017 and Forecasted August 1, 2018

State	Area harvested		Yield per acre		Production	
	2018	2019	2018	2019	2018	2019
	(1,000 acres)		*(bushels)*		*(1,000 bushels)*	
Wisconsin						
Corn .....(bushels)	3,170	2,840	172.0	165.0	545,240	468,600
Hay, alfalfa.....(tons)	820	850	2.35	2.60	1,927	2,210
Hay, other.....(tons)	540	550	1.90	2.00	1,026	1,100
Oats .....(bushels)	90	130	61.0	57.0	5,490	7,410
Soybeans .....(bushels)	2,160	1,780	49.0	47.0	105,840	83,660
Wheat, winter.....(bushels)	200	170	71.0	63.0	14,200	10,710
United states						
Corn .....(bushels)	81,740	82,017	176.4	169.5	14,420,101	13,900,651
Hay, alfalfa.....(tons)	16,608	16,828	3.17	3.29	52,634	55,393
Hay, other.....(tons)	36,231	35,945	1.96	2.11	70,966	75,672
Oats .....(bushels)	865	909	64.9	66.4	56,130	60,385
Soybeans .....(bushels)	88,110	75,866	51.6	48.5	4,543,883	3,680,217
Wheat, winter.....(bushels)	24,742	24,924	47.9	53.2	1,183,939	1,326,223



*Forecasted August 1, 2019



*Forecasted August 1, 2019

U.S. Corn Supply and Use[1]

CORN	2017-2018	2018-2019 (Est.)	2019-2020 Projections
	(million bushels)		
Beginning stocks	2,293	2,140	2,360
Production	14,609	14,420	13,901
Imports	36	30	50
Supply, total	**16,939**	**16,590**	**16,311**
Feed & residual	5,304	5,275	5,175
Food, seed & industrial	7,057	6,855	6,905
Domestic, total	**12,361**	**12,130**	**12,080**
Exports	2,438	2,100	2,050
Use, total	**14,798**	**14,230**	**14,130**
Ending stocks	**2,140**	**2,360**	**2,181**
Avg. Farm price ($/bu)	3.36	3.60	3.60

[1]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[1]

SOYBEANS	2017-2018	2018-2019 (Est.)	2019-2020 Projections
	(million bushels)		
Beginning stocks	302	438	1,070
Production	4,412	4,544	3,680
Imports	22	17	20
Supply, total	**4,735**	**4,999**	**4,771**
Crushings	2,055	2,065	2,115
Exports	2,134	1,700	1,775
Seed	104	89	96
Residual	5	75	30
Use, total	**4,297**	**3,929**	**4,016**
Ending stocks	**438**	**1,070**	**755**
Avg. Farm price ($/bu)	9.33	8.50	8.40

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

Land Values

Wisconsin's farm real estate value, a measurement of the value of all land and buildings on farms, averaged $4,950 per acre. This was up $50 per acre or 1 percent from last year's level.

Cropland value, at $4,850 per acre, was up $110 from a year ago. Pasture, at $2,310 per acre, was up $50 from last year.

Land Values, Wisconsin, 2015-2019

Item	2015	2016	2017	2018	**2019**
Cropland, Average Value *(dollars per acre)*	4,550	4,660	4,870	4,740	**4,850**
Pasture, Average Value *(dollars per acre)*	2,180	2,190	2,200	2,260	**2,310**
Farm Real Estate, Average Value *(dollars per acre)*	4,550	4,520	4,870	4,900	**4,950**
Value of Farmland & Buildings [1] *(million dollars)*	65,520	65,088	69,641	70,070	**(NA)**

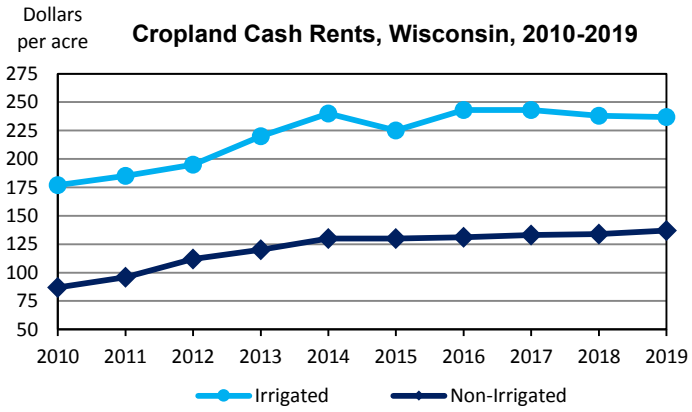
(NA) Not available. 2019 Land in Farms acres used in this calculation will be released in February 2020. [1]Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.

Cash Rents

Cropland cash rent paid to Wisconsin landlords in 2019 averaged $142.00 per acre. Non-irrigated cropland rent averaged $137.00 per acre, up $3.00 from last year. Irrigated cropland rent averaged $237.00 per acre, down $1.00 from 2018. Pasture rented for cash averaged $40.00 per acre, unchanged from the previous year.

Cash Rent, Wisconsin, 2015-2019

Item	2015	2016	2017	2018	**2019**
Cropland, cash rent expense *(dollars per acre)*	134.00	137.00	139.00	140.00	**142.00**
Irrigated, cash rent expense *(dollars per acre)*	225.00	243.00	243.00	238.00	**237.00**
Non-irrigated, cash rent expense *(dollars per acre)*	130.00	131.00	133.00	134.00	**137.00**
Pasture, cash rent expense *(dollars per acre)*	34.00	35.00	40.00	40.00	**40.00**



Farm Computer Usage

Wisconsin

Seventy-three percent of Wisconsin farms own or lease a computer, 4 percentage points higher than the U.S. percentage. Seventy-seven percent of Wisconsin farms report having access to a computer, unchanged from 2017. Farms using computers for their farm business remained unchanged, at 54 percent, 5 percentage points above the national percentage, which rose to 49 percent.

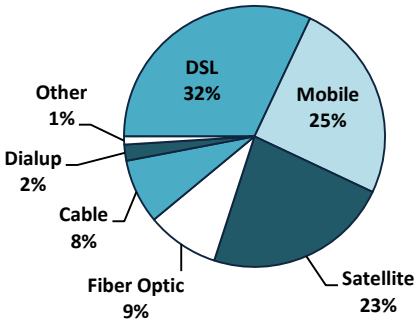
Eighty-two percent of Wisconsin farms have Internet access, up 2 percentage points from 2017 and seven percentage points above the U.S. percentage. DSL (Digital Subscriber Line) remains the most common method of access, with 32 percent of farms in Wisconsin with access to the Internet utilizing DSL, down 7 percentage points from 2017. In 2019, mobile Internet service was the second most common way to access the Internet in Wisconsin, at 25 percent. The proportion of Wisconsin farms using satellite service increased 7 percentage points from 2017, rising to 23 percent.

United States

General computer usage and internet access categories increased from 2017 to 2019 in the United States. Nationally, 75 percent of farms reported having access to the internet, with 73 percent of farms having access to a desktop or laptop computer. Farms that used a desktop or laptop computer to conduct farm business was up 1 percent from 2017. Over half of the farms in the United States used a smart phone or tablet to conduct farm business, compared to 44 percent in 2017.

In 2019, 26 percent of farms used satellite and 22 percent of farms used a Digital Subscriber Line (DSL) to access the internet. Since 2017, Satellite and DSL continue to be the most popular choices that United States farms use to access the internet.

Primary Method of Internet Access, Wisconsin, 2019



Farm Computer Usage – Wisconsin and United States: 2017 and 2019

Farms	Wisconsin		United States	
	2017	2019	2017	2019
	Percent			
With desktop or laptop computer access	77	77	72	73
Own or lease desktop or laptop computers	73	73	68	69
Use desktop or laptop computers for farm business	54	54	48	49
Use smart phones or tablets for farm business	38	45	44	52
With Internet access	80	82	73	75
Purchase agricultural inputs over Internet	27	23	24	24
Conduct agricultural marketing activities over Internet	21	22	19	19
Access USDA NASS reports over Internet	12	15	11	12
Access other USDA reports/services over Internet	23	22	19	20
Access other federal government websites over Internet	19	25	20	21
Conduct business with any USDA website	7	11	9	11
Conduct business with any other federal government website	7	12	9	9
Conduct business with any non-agricultural website	51	59	50	53
Primary method of Internet access				
Dialup	2	2	3	3
DSL	39	32	28	22
Cable	11	8	16	16
Fiber optic	6	9	9	12
Mobile	24	25	19	18
Satellite	16	23	23	26
Other/Unknown	2	1	2	3

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