Wisconsin Department of Agriculture, Trade, and Consumer Protection
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WISCONSIN FARM REPORTER

November 30, 2020 - Vol. 20, No. 21

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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

October Milk Prices

The Wisconsin all milk price for October 2020 was $21.50 per hundredweight (cwt). This was $3.80 higher than last month's price and 80 cents higher than last October's price.

The U.S. all milk price for October was $20.20 per cwt, $1.30 lower than Wisconsin's price but $2.30 higher than last month's U.S. price. Nineteen of the 24 major milk producing states had a higher price when compared with September while 5 states were lower. South Dakota had the largest increase in price, up $5.40 per cwt.

The Chicago Mercantile Exchange* (CME) 40-pound block cheese price closed at $1.6600 per pound on November 30, while barrels were $1.4150 per pound. The CME butter price was $1.3625 per pound.

For the week ending November 21, 2020, the Agricultural Marketing Service* U.S. weekly 40-pound block cheese price averaged $2.5527 per pound, and 500 pound barrels adjusted to 38 percent moisture averaged $2.3034 per pound. The U.S. butter price was $1.4987 per pound.

Milk Prices[1]

Selected states	October 2019		September 2020		October 2020	
	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	18.90	3.92	18.70	3.82	21.20	3.90
Idaho	20.90	4.18	17.60	4.02	21.70	4.13
Iowa	21.40	4.07	18.30	4.01	22.50	4.13
Michigan	18.50	3.84	16.70	3.80	16.90	3.93
Minnesota	21.70	4.16	18.80	4.06	23.30	4.20
New Mexico	18.40	3.85	15.60	3.74	18.10	3.87
New York	19.70	3.94	18.00	3.88	18.80	3.99
Pennsylvania	20.20	3.94	18.00	3.88	18.80	4.01
Texas	21.00	4.24	17.40	4.17	19.90	4.25
Wisconsin	**20.70**	**3.96**	**17.70**	**3.88**	**21.50**	**4.05**
United States	20.00	3.99	17.90	3.90	20.20	4.02

[1]Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

Prices Received by Farmers

The October 2020 average price received by farmers for **corn** in Wisconsin was $3.37 per bushel. This was up 11 cents from September but 39 cents below the previous October.

The October **soybean** price, at $9.45 per bushel, was up 33 cents from September and up 92 cents from the previous October.

The October **oat** price was $2.43 per bushel, up 8 cents from the September price but $1.14 below October 2019.

All hay prices in Wisconsin averaged $158.00 per ton in October, up $12.00 from September but down $37.00 from October 2019. The **alfalfa hay** price averaged $170.00 per ton in October, up $11.00 from September but $43.00 below the previous October. The **other hay** price averaged $132.00, up $22.00 from September but $17.00 below the October 2019 price.

Prices Received by Farmers

WISCONSIN		October 2019	September 2020	October 2020
		(dollars)		
Corn	bu	3.76	3.26	3.37
Hay, all baled	ton	195.00	146.00	158.00
Alfalfa	ton	213.00	159.00	170.00
Other	ton	149.00	110.00	132.00
Oats	bu	3.57	2.35	2.43
Soybeans	bu	8.53	9.12	9.45
UNITED STATES		October 2019	September 2020	October 2020
		(dollars)		
Corn	bu	3.85	3.40	3.61
Hay, all baled	ton	161.00	155.00	158.00
Alfalfa	ton	177.00	171.00	171.00
Other	ton	131.00	125.00	132.00
Oats	bu	2.83	2.49	2.73
Soybeans	bu	8.60	9.24	9.63
Calves	cwt	154.00	155.00	156.00
Cattle, all beef	cwt	107.00	104.00	106.00
Cows[1]	cwt	60.90	66.60	60.00
Steers & Heifers	cwt	109.00	105.00	108.00
Hogs, all	cwt	49.10	49.70	56.30
Barrows & Gilts	cwt	49.70	50.90	57.30
Sows	cwt	33.10	22.40	29.90
Eggs (market)[2]	doz	0.407	0.555	0.750

[1] Beef cows and cull dairy cows sold for slaughter. [2] Mid-month price. Also referred to as table eggs.

2018 Census of Irrigation

Results now available at: www.nass.usda.gov/AgCensus

IRRIGATED FARMS BY SIZE OF FARM, WISCONSIN, 2018

Acreage	Farms	Land in Farms (acres)	Acres Irrigated
Total	**2,127**	**1,446,654**	**518,312**
1 to 49 acres	910	16,587	2,701
50 to 99 acres	81	5,643	712
100 to 219 acres	103	15,794	4,735
220 to 499 acres	332	114,578	41,744
500 to 999 acres	303	234,242	68,851
1,000 to 1,999 acres	207	266,846	107,772
2,000 to 4,999 acres	130	384,621	165,831
5,000 acres or more	61	408,343	125,966

IRRIGATION BY ESTIMATED QUANTITY OF WATER APPLIED, WISCONSIN 2018

Acres in the open	Farms	Acres Irrigated	Acre-feet of water applied
Total	**1,790**	**517,394**	**293,431**
Less than 100 acre-feet	1,379	93,325	26,708
100 to 199 acre-feet	189	72,023	24,318
200 to 499 acre-feet	119	78,409	32,121
500 to 999 acre-feet	31	33,661	17,459
1,000 to 1,999 acre-feet	36	74,092	54,072
2,000 acre-feet or more	36	165,884	138,753
Area under protection	**Farms**	**Acres Irrigated**	**Gallons applied (1,000)**
Total	**783**	**315**	**155,444**
Less than 250,000 gal.	690	118	31,421
250,000 to 499,999 gal.	50	35	19,183
500,000 to 999,999 gal.	5	23	3,907
1,000,000 to 1,999,999 gal.	35	62	43,215
2,000,000 to 4,999,999 gal.	-	-	-
5,000,000 gal. or more	3	77	57,719

- Represents zero.

IRRIGATION WELLS USED ON FARMS, WISCONSIN, 2018

Item	Number
Number of farms	1,733
Number of wells	5,166
Farms by number of wells used	
1 well	1,123
2 wells	275
3 wells	106
4 wells	22
5 wells	43
6 wells	31
7 to 9 wells	49
10 to 14 wells	22
15 to 19 wells	23
20 wells or more	39

ESTIMATED QUANTITY OF WATER APPLIED BY SOURCE, WISCONSIN 2018

Acres in the open	Farms	Acres Irrigated	Acre-feet of water applied
Total	**1,790**	**517,394**	**293,431**
Ground water from wells	1,432	475,100	269,659
On-farm surface water	433	40,832	21,334
Off-farm water from all suppliers	75	8,431	2,438
Area under protection	**Farms**	**Square feet irrigated**	**Gallons applied (1,000)**
Total	**783**	**13,742,493**	**155,444**
Ground water from wells	710	13,093,293	153,398
On-farm surface water	23	666,600	1,610
Off-farm water from all suppliers	54	421,200	436

WATER DISTRIBUTION FOR SELECTED CROPS HARVESTED IN THE OPEN, WISCONSIN, 2018

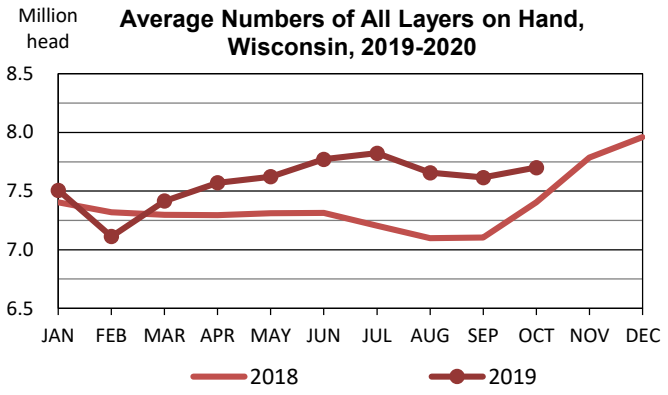
Crop	Farms	Irrigated acres harvested	Average yield per irrigated acre (bushels)	Average acre-feet applied per acre
Corn for grain or seed	484	142,895	213	0.5
Corn for silage or greenchop	146	24,703	26	0.4
Wheat for grain or seed	21	1,189	70	0.3
Soybeans for beans	445	73,832	59	0.4
Beans, dry edible	11	8,548	23	0.5
Other small grains (barley, oats, rye, etc.)	33	1,777	(NA)	0.3
Alfalfa and alfalfa mixtures (dry hay, greenchop, and silage)	224	23,936	6.3	0.4
All other hay (dry hay, greenchop, and silage)	4	1,440	4.5	0.3
Crop	**Farms**	**Irrigated acres harvested**	**Average yield per irrigated acre (cwt)**	**Average acre-feet applied per acre**
Vegetables	703	200,869	(NA)	0.8
Sweet corn	228	49,107	177	0.6
Tomatoes	310	273	336	0.6
Lettuce	196	65	215	0.6
Potatoes (excl. sweet potatoes)	295	84,234	443	0.9
All berries	375	28,825	(NA)	1.0
Land in orchards, vineyards and nut trees	67	291	(NA)	0.4
Nursery and other horticultural crops	322	11,485	(NA)	0.5
All other crops	10	(D)	(NA)	0.3

(D) Withheld to avoid disclosing data for individual farms. (NA) Not available.

Chickens & Eggs

Wisconsin **egg production** during October 2020 was 189 million eggs, up 4% from last month but down 2% from last year. The average number of **all layers on hand** during October 2020 was 7.70 million, up 1% from last month and up 4% from last year. **Eggs per 100 layers** for October were 2,452, up 3% from last month but down 6% from last year.

United States egg production totaled 9.50 billion during October 2020, down 2% from last year. Production included 8.24 billion table eggs, and 1.25 billion hatching eggs, of which 1.17 billion were broiler-type and 79.8 million were egg-type. The average number of layers during October 2020 totaled 386 million, down 3% from last year. October egg production per 100 layers was 2,459 eggs, up 1% from October 2019.



Total layers in the United States on November 1, 2020 totaled 388 million, down 3% from last year. The 388 million layers consisted of 324 million layers producing table or market type eggs, 60.5 million layers producing broiler-type hatching eggs, and 3.14 million layers producing egg-type hatching eggs. Rate of lay per day on November 1, 2020, averaged 79.7 eggs per 100 layers, up 1% from November 1, 2019.

Egg-type chicks hatched during October 2020 totaled 50.6 million, down 3% from October 2019. Eggs in incubators totaled 44.6 million on November 1, 2020, down 7% from a year ago. Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 197,000 during October 2020, down 1% from October 2019.

Broiler-type chicks hatched during October 2020 totaled 805 million, down 1% from October 2019. Eggs in incubators totaled 660 million on November 1, 2020, down 3% from a year ago.

Layers on Hand and Eggs Produced – States and United States: During October 2019 and 2020[1]

State	Table egg layers in flocks 30,000 & above		All layers on hand		Eggs per 100 layers		Total egg production		Table egg production	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
	(1,000 layers)				*(eggs)*		*(million eggs)*			
Alabama	1,455	1,407	9,933	10,524	1,955	1,966	194.2	206.9	39.2	37.2
Arkansas	(D)	(D)	14,446	16,406	2,065	2,110	298.3	346.1	(D)	(D)
California	12,763	12,937	13,395	13,646	2,473	2,439	331.2	332.8	(D)	(D)
Colorado	4,602	4,771	5,115	5,279	2,612	2,605	133.6	137.5	(D)	(D)
Georgia	9,206	9,824	19,516	20,054	2,159	2,236	421.3	448.5	224.5	250.5
Illinois	6,012	5,882	6,596	6,451	2,596	2,434	171.2	157.0	167.5	153.2
Indiana	33,596	33,533	34,832	34,814	2,435	2,552	848.3	888.3	832.9	871.8
Iowa	55,778	45,815	57,588	47,658	2,540	2,625	1,462.6	1,251.0	1,442.1	1,229.1
Kentucky	(D)	(D)	5,735	5,957	2,225	2,337	127.6	139.2	(D)	(D)
Maryland	2,401	2,402	2,605	2,616	2,499	2,504	65.1	65.5	63.4	63.9
Michigan	14,189	14,465	14,483	14,760	2,507	2,593	363.1	382.8	(D)	(D)
Minnesota	10,142	7,773	10,646	8,265	2,531	2,701	269.4	223.2	262.7	216.2
Mississippi	(D)	(D)	5,651	5,211	2,152	2,205	121.6	114.9	(D)	(D)
Missouri	7,542	7,905	12,639	12,977	2,553	2,512	322.7	326.0	284.9	287.8
Nebraska	8,699	7,709	9,267	8,234	2,511	2,563	232.7	211.0	220.9	201.2
New York	5,074	5,233	5,606	5,790	2,542	2,613	142.5	151.3	(D)	(D)
North Carolina	7,029	7,076	15,609	15,359	2,168	2,260	338.4	347.1	181.1	187.3
Ohio	34,939	33,070	36,145	34,287	2,525	2,530	912.7	867.5	(D)	(D)
Oklahoma	(D)	(D)	2,957	2,600	2,002	1,873	59.2	48.7	(D)	(D)
Oregon	2,111	2,012	2,304	2,183	2,704	2,574	62.3	56.2	62.3	56.2
Pennsylvania	27,763	27,874	30,302	30,381	2,580	2,572	781.9	781.4	753.5	752.0
South Carolina	2,649	2,368	3,951	3,623	2,111	2,186	83.4	79.2	60.6	55.8
South Dakota	2,795	2,536	2,850	2,591	2,716	2,725	77.4	70.6	77.4	70.6
Texas	(D)	(D)	22,184	23,277	2,299	2,386	510.0	555.4	(D)	(D)
Utah	4,508	4,950	4,560	5,002	2,667	2,587	121.6	129.4	121.6	129.4
Virginia	934	903	2,663	2,649	2,407	2,322	64.1	61.5	33.8	30.8
Washington	6,532	6,537	6,695	6,702	2,574	2,537	172.3	170.0	(D)	(D)
Wisconsin	**6,305**	**6,602**	**7,404**	**7,700**	**2,595**	**2,452**	**192.1**	**188.8**	**186.7**	**183.5**
Other States[2]	26,709	25,536	32,727	31,394	2,393	2,426	783.1	761.7	707.5	688.5
United States	320,620	306,986	398,404	386,390	2,426	2,459	9,663.9	9,499.5	8,458.0	8,244.8

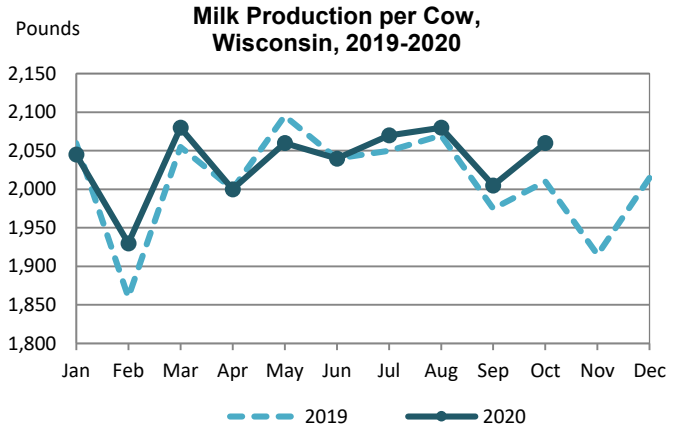
(D) Withheld to avoid disclosing data for individual operations. [1]Data may not add to totals due to rounding. Data by type of flock not shown for some states to avoid disclosing individual operations, data included in United States totals.[2] Includes data for States not published in this table.

Milk Production

Milk production in Wisconsin during October 2020 totaled 2.59 billion pounds, up 2% from the previous October. The average number of milk cows during October, at 1.26 million head, was the same as last month and down 9,000 from last year. Monthly production per cow averaged 2,060 pounds, up 50 pounds from last October.

Milk production in the 24 major States during October totaled 17.7 billion pounds, up 2.5% from October 2019. September revised production, at 17.2 billion pounds, was up 2.4% from September 2019. The September revision represented a decrease of 5 million pounds or less than 0.1% from last month's preliminary production estimate. Production per cow in the 24 major States averaged 1,997 pounds for October, 35 pounds above October 2019. The number of milk cows on farms in the 24 major States was 8.88 million head, 62,000 head more than October 2019, and 17,000 head more than September 2020.

Milk production in the United States during October totaled 18.6 billion pounds, up 2.3% from October 2019. Production per cow in the United States averaged 1,977 pounds for October, 37 pounds above October 2019. The number of milk cows on farms in the United States was 9.39 million head, 43,000 head more than October 2019, and 14,000 head more than September 2020.



October Milk Production

State	Milk cows [1]		Milk per cow [2]		Production [2]		
	2019	2020	2019	2020	2019	2020	Change from 2019
	(thousand head)		*(pounds)*		*(million pounds)*		*(percent)*
Arizona	197	196	1,985	1,965	391	385	-1.5
California	1,725	1,720	1,940	1,970	3,347	3,388	1.2
Colorado	190	200	2,160	2,185	410	437	6.6
Florida	118	113	1,515	1,560	179	176	-1.7
Georgia	81	80	1,715	1,725	139	138	-0.7
Idaho	632	646	2,095	2,105	1,324	1,360	2.7
Illinois	81	84	1,690	1,760	137	148	8.0
Indiana	176	191	1,920	1,960	338	374	10.7
Iowa	217	219	2,040	2,085	443	457	3.2
Kansas	164	171	1,975	1,965	324	336	3.7
Michigan	428	431	2,230	2,280	954	983	3.0
Minnesota	447	444	1,845	1,905	825	846	2.5
New Mexico	330	332	2,040	2,065	673	686	1.9
New York	626	626	2,015	2,035	1,261	1,274	1.0
Ohio	252	256	1,790	1,850	451	474	5.1
Oregon	126	124	1,745	1,735	220	215	-2.3
Pennsylvania	485	482	1,705	1,760	827	848	2.5
South Dakota	127	140	1,900	1,945	241	272	12.9
Texas	575	603	2,035	2,100	1,170	1,266	8.2
Utah	97	94	1,945	1,940	189	182	-3.7
Vermont	125	120	1,790	1,765	224	212	-5.4
Virginia	74	74	1,620	1,660	120	123	2.5
Washington	281	279	2,025	2,030	569	566	-0.5
Wisconsin	**1,265**	**1,256**	**2,010**	**2,060**	**2,543**	**2,587**	**1.7**
24-State Total	8,819	8,881	1,962	1,997	17,299	17,733	2.5

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

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