

September 21, 2023 Board Meeting

- **August Crop Production Report**

- In WI, corn is expected to yield 166 bushels per acre, down 14 from 2022. Production is forecast at 515 million bushels.
 - US corn production is forecasted at 15.1 billion bushels, up 10 percent from last year. Based on conditions as of
 - August 1, yields are expected to average 175.1 bushels per acre, up 1.8 bushels from 2022.
- Soybean production in WI is expected to reach 104 million bushels. Soybean yield is forecasted at 50.0 bushels per acre, down 4 bushels from last year.
 - US soybean yield is expected to average 61.5 bushels per acre down 3.3 bushels from last year. Production is forecasted at a record 4.21 billion bushels.
- Next Crop Production Report will be released on September 12th.

- **Milk Production**

- In July, WI milk production totaled 2.75 billion pounds. This was up 1 percent from the previous July.
- Milk production in the 24 major states totaled 18.3 billion pounds. This is down 0.6 percent from the previous year.
- As of September 1, WI had 5,817 milk cow herds. This is down 458 herds from September 2022.

- **Wisconsin Farm Production Expenditures**

- Wisconsin farm production expenditures totaled \$14.7 billion in 2022. This was an increase of 26.7 percent from the 2021 total expenditures.
- Feed represented the largest single production expense in Wisconsin and accounted for 23 percent of the total.
- The second largest expense category was farm services and accounted for 11 percent of the total.

- **July Prices Received**

- Milk price for July was \$15.50 per cwt. This was \$8.90 a cwt lower than July 2022. The US price for July was \$17.40.
- Corn \$6.16 per bushel down 63 cents from July 2022.
- Soybeans \$14.70 per bushel down 50 cents from the previous July.
- Alfalfa hay \$150 per ton up \$6.00 per ton from last July.

- **Land Values and Cash Rent**

- In 2023, the value of all land and buildings on farms in Wisconsin averaged \$6,200 per acre. This is up \$500 per acre and is 9 percent above last year's level.
- Wisconsin cropland value in 2023 was \$6,710 per acre; up \$710 from a year ago.
- Cropland cash rent paid to Wisconsin landlords in 2023 averaged \$156.00 per acre; up \$7 from 2022.

- **Chicken and Eggs**

- Wisconsin egg production during July 2023 was 219 million eggs, up 50 percent from last year.
- The average number of all layers on hand during July 2023 was 8.23 million, up 50 percent from 2022,

- **Crop Progress as of September 3, 2023**

- Topsoil moisture ratings for this past week were 18 percent very short, 40 percent short, 42 percent adequate, and 0 percent surplus.
- Corn in the dent stage was at 41 percent which was 3 days ahead of average. Corn condition ratings as of September 3 were 54 percent good to excellent.
- Soybeans coloring was at 18 percent, 2 days behind average. Soybean condition ratings as of September 3 were 55 percent good to excellent.

- **Small Grain Summary**

- On September 29th, NASS will release the Small Grain Summary for 2023.

- **Upcoming Surveys**

- ARMSII – barley, oats, and soybean chemical use and production practices.
- Row Crop CAPS
- December Ag Survey
- 2022 Census of Agriculture results will be available in February 2024.



WISCONSIN FARM REPORTER

September 6, 2023

Inside This Issue:

- Milk Production
- Farm Production Expenditures
- July Prices
- Chickens & Eggs
- Cash Rents
- Land Values

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

Milk Cows and Production, Selected States, July 2022 and 2023

State	Milk cows ¹		Rate per cow ²		Production ²		Change from 2022
	2022	2023	2022	2023	2022	2023	
	(1,000 head)		(pounds)		(million pounds)		(percent)
Arizona	197	200	1,905	1,925	375	385	2.7
California	1,722	1,715	2,045	1,940	3,521	3,327	-5.5
Colorado	206	203	2,220	2,210	457	449	-1.8
Florida	96	92	1,605	1,660	154	153	-0.6
Georgia	93	93	1,800	1,860	167	173	3.6
Idaho	657	670	2,225	2,225	1,462	1,491	2.0
Illinois	80	79	1,780	1,800	142	142	0.0
Indiana	185	190	1,980	2,005	366	381	4.1
Iowa	236	240	2,080	2,090	491	502	2.2
Kansas	174	171	2,000	1,990	348	340	-2.3
Michigan	427	440	2,335	2,360	997	1,038	4.1
Minnesota	453	452	1,990	2,000	901	904	0.3
New Mexico	287	270	2,065	1,995	593	539	-9.1
New York	623	630	2,145	2,200	1,336	1,386	3.7
Ohio	249	253	1,875	1,900	467	481	3.0
Oregon	126	120	1,810	1,810	228	217	-4.8
Pennsylvania	467	466	1,790	1,780	836	829	-0.8
South Dakota	182	196	1,985	1,980	361	388	7.5
Texas	650	635	2,125	2,080	1,381	1,321	-4.3
Utah	95	93	2,000	1,995	190	186	-2.1
Vermont	117	117	1,845	1,840	216	215	-0.5
Virginia	69	68	1,690	1,740	117	118	0.9
Washington	257	258	2,070	2,055	532	530	-0.4
Wisconsin	1,272	1,269	2,150	2,175	2,735	2,760	0.9
24-State							
Total	8,920	8,920	2,060	2,047	18,373	18,255	-0.6

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

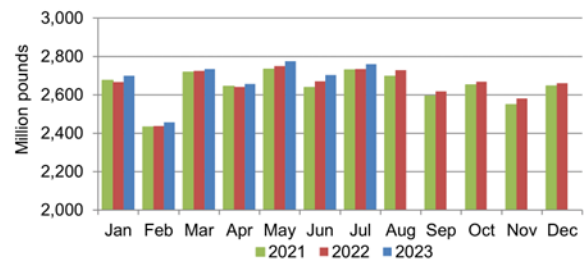
Milk Production

Milk production in Wisconsin during July 2023 totaled 2.76 billion pounds, up 1 percent from the previous July. The average number of milk cows during July, at 1.27 million head, was unchanged from last month but down 3,000 from July 2022. Monthly production per cow averaged 2,175 pounds, up 25 pounds from last July.

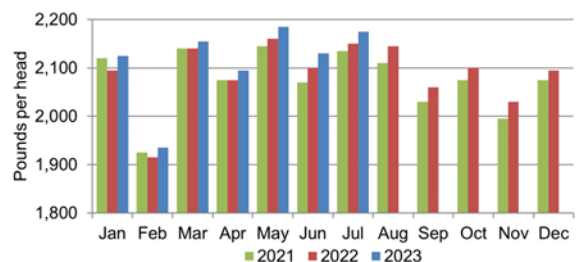
Milk production in the 24 major States during July totaled 18.3 billion pounds, down 0.6 percent from July 2022. June revised production, at 18.1 billion pounds, was up 0.4 percent from June 2022. The June revision represented an increase of 37 million pounds or 0.2 percent from last month's preliminary production estimate. Production per cow in the 24 major States averaged 2,047 pounds for July, 13 pounds below July 2022. The number of milk cows on farms in the 24 major States was 8.92 million head, unchanged from July 2022, but 7,000 head less than June 2023.

Milk production in the United States during July totaled 19.1 billion pounds, down 0.5 percent from July 2022. Production per cow in the United States averaged 2,029 pounds for July, 9 pounds below July 2022. The number of milk cows on farms in the United States was 9.40 million head, 13,000 head less than July 2022, and 3,000 head less than June 2023.

Milk Production Wisconsin: 2021-2023



Milk Production per Cow Wisconsin: 2021-2023



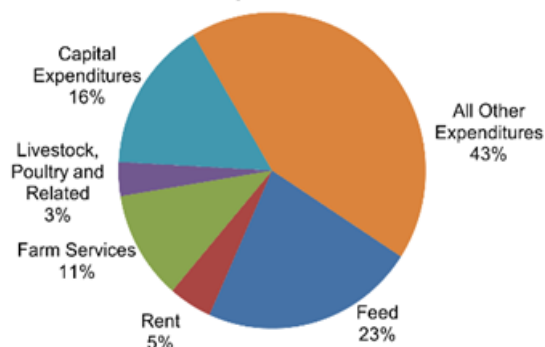
Farm Production Expenditures

Wisconsin

Wisconsin farm production expenditures totaled \$14.7 billion in 2022. This was \$3.06 billion above the 2021 total expenditures. Feed expense, up 48 percent to \$3.31 billion, represented the largest single production expense in Wisconsin in 2022, accounting for 23 percent of the total. Farm Services, up 4 percent to \$1.64 billion, was the second largest expense and accounted for 11 percent of total expenditures. The largest percentage increases from last year were for Livestock (up 70 percent), and Farm Improvements and Construction (up 57 percent). The only percentage decrease from last year were for Trucks and Autos (down 19 percent).

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

Farm Production Expenditures - Wisconsin: 2022



Farm Production Expenditures – Wisconsin: 2021-2022

Expenditure - Farm Share	Farms Reporting ¹		Average per Farm ²		Total Expenditures	
	2021	2022	2021	2022	2021	2022
	<i>(percent)</i>		<i>(dollars)</i>		<i>(million dollars)</i>	
Livestock, poultry and related expenses ⁴	24.2	23.9	4,680	7,956	300	510
Feed	44.2	50.7	34,945	51,638	2,240	3,310
Farm services ⁵	89.6	89.1	24,649	25,585	1,580	1,640
Rent ⁶	31.6	31.5	8,580	10,452	550	670
Agricultural chemicals ⁷	56.5	48.9	5,616	7,488	360	480
Fertilizer, Lime, and Soil Conditioners ⁷	61.6	55.2	15,445	20,125	990	1,290
Interest	35.0	32.2	6,396	6,708	410	430
Taxes (real estate and property)	100.0	100.0	7,176	8,424	460	540
Labor	19.4	17.6	15,913	19,345	1,020	1,240
Fuels	82.4	87.7	6,396	8,580	410	550
Farm supplies and repairs ⁸	77.7	84.1	12,949	15,289	830	980
Farm improvements and construction ⁹	49.7	48.8	9,516	14,977	610	960
Tractors and self-propelled farm machinery	14.5	15.4	8,736	10,140	560	650
Other farm machinery	21.1	19.8	5,382	7,644	345	490
Seeds and plants ¹⁰	70.2	55.4	12,012	12,012	770	770
Trucks and autos	10.9	11.4	2,496	2,028	160	130
Miscellaneous capital expenses	8.9	8.7	702	936	45	60
Total farm production expenditures³	100.0	100.0	181,591	229,329	11,640	14,700

¹ Number of farms reporting item divided by total number of farms. ² 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. ³ Includes the operator, landlord, and contractor shares of farm production expenses. Totals may not add due to rounding. ⁴ Includes purchases and leasing of livestock and poultry. Intra-state and inter-state transfers of livestock are captured. ⁵ 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. ⁶ Includes cash rent paid, share rent, plus public and private grazing fees. ⁷ Includes material and application costs. ⁸ 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. ⁹ 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. ¹⁰ 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.

Chickens & Eggs

Wisconsin **egg production** during July 2023 was 219 million eggs, up 50 percent from the previous July. The average number of **all layers on hand** during July 2023 was 8.23 million, up 50 percent from last year. **Eggs per 100 layers** for July 2023 was 2,654, up slightly from a year ago.

United States egg production totaled 9.37 billion during July 2023, up 3 percent from last year. Production included 8.03 billion table eggs, and 1.34 billion hatching eggs, of which 1.25 billion were broiler-type and 95.7 million were egg-type. The average number of layers during July 2023 totaled 384 million, up 4 percent from last year. July egg production per 100 layers was 2,438 eggs, down slightly from July 2022

Total layers in the United States on August 1, 2023, totaled 385 million, up 3 percent from last year. The 385 million layers consisted of 316 million layers producing table or market type eggs, 65.0 million layers producing broiler-type hatching eggs, and 3.61 million layers producing egg-type hatching eggs. Rate of lay per day on August 1, 2023, averaged 78.8 eggs per 100 layers, down slightly from August 1, 2022.

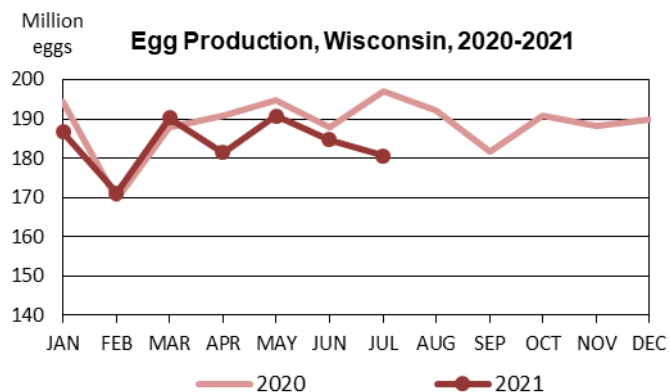
Egg-type chicks hatched during July 2023 totaled 50.4 million, up 1 percent from July 2022. Eggs in incubators totaled 48.8 million on August 1, 2023, down 2 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 196 thousand during July 2023, up 18 percent from July 2022.

Broiler-type chicks hatched during July 2023 totaled 848 million, down 1 percent from July 2022. Eggs in incubators totaled 725 million on August 1, 2023, down slightly from a year ago.

**Layers on Hand and Eggs Produced
Wisconsin and United States, July 2022 and 2023**

Commodity	Wisconsin		United States	
	2022	2023	2022	2023
Table egg layers in flocks 30,000 & above.....(1,000 layers)	4,406	7,141	286,455	298,635
All layers on hand.....(1,000 layers)	5,501	8,234	369,916	384,402
Eggs per 100 layers.....(eggs)	2,641	2,654	2,448	2,438
Total egg production.....(million eggs)	145.3	218.5	9,055.9	9,371.8
Table egg production.....(million eggs)	139.6	212.7	7,741.5	8,031.1



Prices Received by Farmers

The average price received by farmers for **corn** during July 2023 in Wisconsin was \$6.16 per bushel. This was 8 cents below the June price and 63 cents below July 2022.

The July 2023 average price received by farmers for **soybeans**, at \$14.70 per bushel, was 80 cents above the June price but 50 cents below the July 2022 price.

The July average **oat** price per bushel, at \$3.62, was 59 cents below June and \$1.44 below July 2022.

All hay prices in Wisconsin averaged \$140.00 per ton in July. This was \$11.00 below the June price but \$6.00 above the July 2022 price. The July 2023 **alfalfa hay** price, at \$150.00, was \$5.00 below the previous month but \$6.00 above July 2022. The average price received for **other hay** during July was \$117.00 per ton. This was \$10.00 below the June price but \$13.00 above July last year.

Prices Received by Farmers

<u>WISCONSIN</u>	July 2022	June 2023	July 2023
(dollars)			
Cornbu	6.79	6.24	6.16
Hay, all baledton	134.00	151.00	140.00
Alfalfaton	144.00	155.00	150.00
Otherton	104.00	127.00	117.00
Oatsbu	5.06	4.21	3.62
Soybeansbu	15.20	13.90	14.70
<u>UNITED STATES</u>	July 2022	June 2023	July 2023
(dollars)			
Cornbu	7.25	6.49	6.22
Hay, all baledton	240.00	234.00	221.00
Alfalfaton	278.00	263.00	244.00
Otherton	169.00	172.00	168.00
Oatsbu	5.68	4.15	3.91
Soybeansbu	15.50	14.20	14.70
Calvescwt	186.00	260.00	262.00
Cattle, all beefcwt	142.00	181.00	181.00
Cows ¹cwt	90.60	107.00	111.00
Steers & Heiferscwt	144.00	184.00	184.00
Hogs, allcwt	83.00	64.60	74.30
Barrows & Giltscwt	84.00	66.80	76.10
Sowscwt	61.40	30.10	46.00
Eggs (market) ²doz	2.61	0.973	0.950

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

Cash Rents

Cropland cash rent paid to Wisconsin landlords in 2023 averaged \$156.00 per acre. Non-irrigated cropland rent averaged \$151.00 per acre, \$6.00 above last year. Irrigated cropland rent averaged \$268.00 per acre, \$6.00 above last year. Pasture rented for cash averaged \$37.50 per acre, \$1.50 above the previous year.

Item	2019	2020	2021	2022	2023
Cropland, cash rent expense (dollars per acre)	142.00	146.00	138.00	149.00	156.00
Irrigated, cash rent expense (dollars per acre)	237.00	245.00	237.00	250.00	268.00
Non-irrigated, cash rent expense (dollars per acre)	137.00	138.00	133.00	145.00	151.00
Pasture, cash rent expense (dollars per acre)	40.00	35.00	37.00	36.00	37.50

Land Values

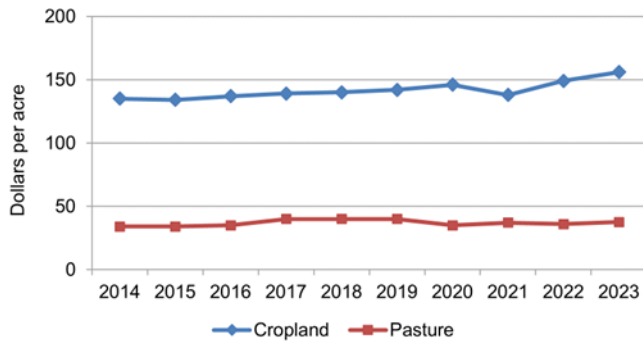
Wisconsin's farm real estate value, a measurement of the value of all land and buildings on farms, averaged \$6,200 per acre in 2023. This was up 9 percent, \$500 per acre higher than last year's value.

Cropland, at \$6,710 per acre, was \$710 higher than last year. Pasture, at \$3,150 per acre, was \$250 above last year.

Item	2019	2020	2021	2022	2023
Cropland, Average Value (dollars per acre)	4,850	4,770	5,280	6,000	6,710
Pasture, Average Value (dollars per acre)	2,310	2,250	2,520	2,900	3,150
Farm Real Estate, Average Value (dollars per acre)	4,950	4,850	5,190	5,700	6,200
Value of Farmland & Buildings ¹ (million dollars)	70,785	69,355	73,698	80,940	(NA)

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

Cash Rent Per Acre – Wisconsin: 2014-2023



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 had **6.7 days suitable for fieldwork** for the week ending September 3, 2023, according to the USDA’s National Agricultural Statistics Service. Another week of dry weather coupled with above average temperatures contributed to further eroding of crop conditions. Fieldwork included the start of corn silage harvest, wrapping up oat harvest in most areas and the continued cutting of hay.

Topsoil moisture condition rated 18 percent very short, 40 percent short, 42 percent adequate and 0 percent surplus. **Subsoil moisture** condition rated 23 percent very short, 39 percent short, 38 percent adequate and 0 percent surplus.

Corn in the dough stage reached 86 percent, 1 days ahead of last year and 3 days ahead of the five-year average. Forty-one percent of the corn crop was dented. Corn condition was 54 percent good to excellent, down 5 percent from to last week.

Ninety-five percent of the **soybean** crop has set pods. Soybeans coloring was at 18 percent, 2 days ahead of last year but 2 days behind average. Soybean condition was 55 percent good to excellent, down 4 percent from last week.

Ninety-one percent of the **oat** crop has been harvested, 1 day ahead of last year and 5 days ahead of the average.

Six percent of the **winter wheat** crop has been planted, 6 days ahead of last year but two days behind the average.

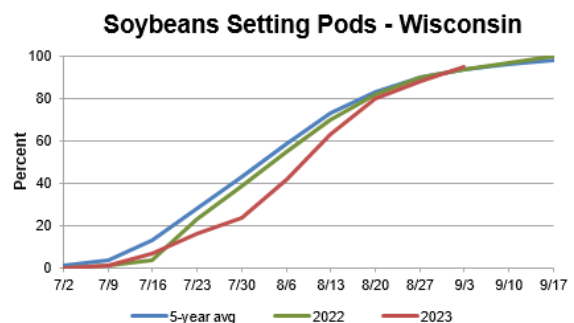
Thirty-five percent of the **potato** crop has been harvested, 7 days ahead of both last year and of the average.

The third cutting of **alfalfa** was 96 percent complete. The fourth cutting of alfalfa was 55 percent complete, 2 days ahead of last year and 8 days ahead of the average. **All hay** condition was reported 45 percent good to excellent statewide, down 2 percent from last week.

Pasture condition was rated 28 good to excellent statewide, down 6 percent from last week.

Crop Condition as of September 3, 2023

Item	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	5	14	27	41	13
Hay, all	4	17	34	37	8
Pasture and range	10	25	37	27	1
Soybeans	5	13	27	41	14



Crop Progress as of September 3, 2023

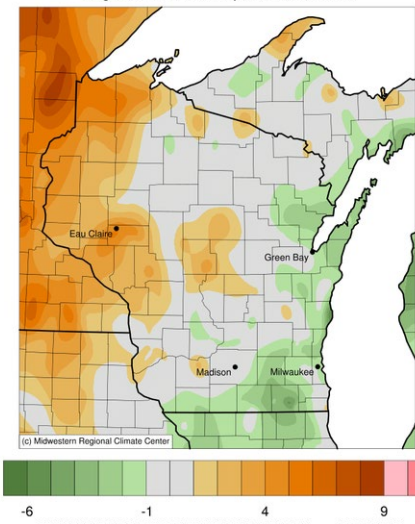
Item	Districts									State			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year avg
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Corn dough	93	49	76	95	86	82	91	85	94	86	77	84	83
Corn dented	31	12	21	54	47	34	57	42	37	41	21	41	47
Hay, alfalfa, 3rd cutting	97	76	97	100	93	97	99	93	99	96	93	94	90
Hay, alfalfa, 4th cutting	32	29	44	64	38	70	66	60	62	55	39	49	38
Oats harvested for grain	97	65	97	99	97	89	100	98	100	91	79	90	87
Soybeans setting pods	99	99	98	97	95	89	97	97	87	95	88	94	93
Soybeans coloring	19	2	5	28	6	15	26	16	16	18	4	14	24
Wheat, winter, planted	8	17	1	4	8	8	4	5	1	6	1	1	8

The complete report can be found on the USDA NASS website at www.nass.usda.gov/Publications.

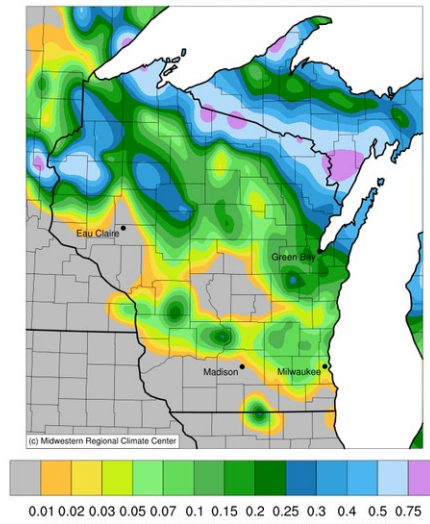
Days Suitable for Fieldwork and Soil Moisture Condition as of September 3, 2023

Item	Districts									State		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
Days suitable	(days) 6.7	(days) 6.6	(days) 6.7	(days) 6.9	(days) 7.0	(days) 6.3	(days) 6.6	(days) 6.6	(days) 6.9	(days) 6.7	(days) 6.2	(days) 5.5
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Topsoil moisture												
Very short	10	21	6	9	16	3	46	19	21	18	12	2
Short	41	34	26	47	40	25	38	50	62	40	36	12
Adequate	49	45	68	44	44	72	16	31	17	42	52	77
Surplus	0	0	0	0	0	0	0	0	0	0	0	9
Subsoil moisture												
Very short	13	28	10	11	17	5	44	41	25	23	20	3
Short	42	34	28	49	42	25	42	37	52	39	35	22
Adequate	45	38	62	40	41	70	14	22	23	38	45	71
Surplus	0	0	0	0	0	0	0	0	0	0	0	4

Average Temperature (°F): Departure from 1991-2020 Normals
August 28, 2023 to September 03, 2023



Accumulated Precipitation (in)
August 28, 2023 to September 03, 2023



Weather Information: Week Ending September 3, 2023

District and State	Temperature		Precipitation		Growing Degree Days ¹	
	Average	Departure from Normal ²	Total	Departure from Normal ²	Since April 1	Departure from Normal ²
Northwest	67.2	3.8	0.46	-0.51	1,931	196
North Central	63.8	1.7	0.17	-0.79	1,747	115
Northeast	63.7	0.9	0.20	-0.65	1,819	143
West Central	69.6	3.0	0.03	-0.80	2,325	201
Central	67.2	1.0	0.10	-0.64	2,194	158
East Central	66.0	-0.5	0.19	-0.55	2,048	96
Southwest	68.2	0.3	0.04	-0.65	2,342	140
South Central	66.8	-1.1	0.06	-0.60	2,306	104
Southeast	67.0	-1.3	0.04	-0.62	2,247	79
Wisconsin	66.5	1.3	0.17	-0.65	2,059	145

¹ Base 50° F.

² Normal based on 1991-2020 data.