



Wisconsin Crop Progress & Condition

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Cooperating with Wisconsin Department of Agriculture, Trade and Consumer Protection

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For the week ending August 21, 2016
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Heavy Rains Mark Transition to Cooler Temps

There were 4.1 **days suitable for fieldwork** for the week ending August 21st, 2016, according to the USDA's National Agricultural Statistics Service. Temperatures this week transitioned from daytime highs in the mid-80s to highs in the 60s to low 70s by the weekend. With this transition came several days of widespread but variable rainfall. Some reporters commented that as much as 11 inches of rain have fallen in their area in recent weeks. There were widespread reports of ponding in fields and flood damage along streams and waterways. Haying and oats harvest were put on hold where fields became too muddy. A few reporters noted signs of disease in soybeans, including sudden death syndrome and white mold. Dry weather is needed in much of the state to facilitate the end of haying and the beginning of the corn silage harvest.

Topsoil moisture supplies were rated 0 percent very short, 5 percent short, 82 percent adequate and 13 percent surplus. **Subsoil moisture** supplies were rated 1 percent very short, 6 percent short, 82 percent adequate and 11 percent surplus.

As of August 21th, 72 percent of the state's **corn** acreage was in or beyond the dough stage, 2 days ahead of last year, and 8 days ahead of the five-year average. Twenty-five percent of corn was dented, 4 days ahead of last year, and 6 days ahead of the five-year average. Harvest of corn for silage had begun in some areas. Corn condition was 88 percent good to excellent.

Ninety-four percent of the state's **soybean** acreage was setting pods or beyond, 7 days ahead of last year, and 9 days ahead of the average. Leaves were turning color on 4 percent of soybeans. Soybean condition was rated 87 percent good to excellent.

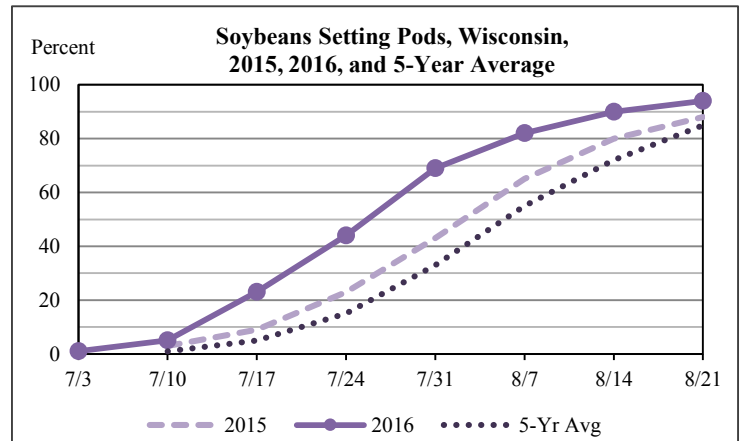
Fourteen percent of **potatoes** had been harvested statewide, 17 days behind last year. Potato condition was rated 90 percent good to excellent.

Oats for grain were 88 percent harvested, 3 days ahead of last year.

Ninety-eight percent of **winter wheat** had been harvested.

The third cutting of **alfalfa** was 85 percent complete. The fourth cutting was 29 percent complete. **All Hay** condition was rated 91 percent good to excellent.

Pasture condition was rated 77 percent good to excellent.



Wisconsin Crop Conditions as of August 21, 2016

	Very Poor	Poor	Fair	Good	Excellent
	Percent				
All Hay.....	0	1	8	52	39
Corn.....	0	2	10	45	43
Pasture & Range.....	1	4	18	52	25
Potatoes.....	1	1	8	55	35
Soybeans.....	1	2	10	48	39

Wisconsin Crop Progress as of August 21, 2016

Crop and percent of acreage	District average										State average			
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year	5-year average	
	Percent										Percent			
Alfalfa Hay, Third Cutting.....	76	56	88	82	78	95	93	92	93	85	78	84	75	
Alfalfa Hay, Fourth Cutting.....	33	27	26	39	10	39	20	29	29	29	12	14	11	
Corn Dough.....	70	49	31	64	68	72	87	80	87	72	51	66	54	
Corn Dented.....	9	9	6	19	26	20	40	32	46	25	7	16	12	
Oats Harvested.....	82	84	80	95	90	84	93	97	97	88	74	84	79	
Potatoes Harvested.....	4	1	27	3	13	n.a.	3	21	n.a.	14	11	33	n.a.	
Soybeans Setting Pods.....	92	95	89	92	92	96	98	96	89	94	90	88	85	

n.a.=not available

Days Suitable for Fieldwork and Soil Moisture Conditions as of August 21, 2016

Item	District average										State average		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last Year	
	Days										Days		
Days Suitable	3.7	3.4	4.1	3.7	5.0	4.8	4.2	3.6	4.5	4.1	4.9	4.4	
Topsoil Moisture	Percent										Percent		
	Very Short.....	0	0	1	0	0	1	0	0	4	0	1	7
	Short.....	2	0	10	1	2	14	1	8	14	5	7	22
	Adequate.....	77	68	83	88	81	82	91	79	75	82	82	62
	Surplus.....	21	32	6	11	17	3	8	13	7	13	10	9
Subsoil Moisture	Very Short.....	0	0	2	0	0	3	0	0	7	1	1	6
	Short.....	4	0	7	1	3	6	4	10	24	6	8	25
	Adequate.....	86	68	80	88	85	86	90	81	64	82	84	66
	Surplus.....	10	32	11	11	12	5	6	9	5	11	7	3

Selected Quotes from Farm Reporters and County Ag Agents

All comments are used in creating this report, but only a few are published below.

CHIPPEWA/EAU CLAIRE-J.C.: Heavy rain slowed hay and small grain harvest. Reported oat yields are very good.

SAWYER-K.S.: More rain showers moved through the area this week interfering with hay harvest. Crops are looking very nice despite all the rain. Some ponding occurring in low spots. Both dry hay and haylage harvest has been a challenge this summer due to all the rain. Some second crop hay still standing. White mold in soybeans and other diseases favored by high humidity are starting to be reported. Cranberry crop looking to be about average or slightly above.

CLARK-R.H.: Another week with wet conditions and rain. Some areas of the county received another 1-2 inches of rain. Small grains are being harvested and with the wet conditions there are a few ruts in the field. Dry hay has been almost impossible, a good deal of third crop is being harvested though and as mentioned depending on field conditions there are concerns of rutting the fields. With heat and moisture and the growth of soybeans this season, white mold reports have been coming in the office. Corn crop is maturing with adequate rain and should produce good yields this fall. An agronomist has found water hemp in the county and the weed has been sent in to test if it is Roundup resistant.

FLORENCE/FOREST-T.B.: Well needed rain late in the week. Most areas got just over an inch. Hay and pastures are still well behind for this time of year but they are showing green again. Most of the oats are harvested.

ST CROIX-D.K.: The north part of the county received two nice rains for about 1.5 inches total. The south part of the county had 3 to 5 inches. The fourth cutting is done on most fields that are being cut four times as well as third crop that is on a three cut program. Some fall seeded alfalfa is emerging and looks good. Corn silage harvest is not far off on earlier planted fields with this season's moisture and heat units.

JUNEAU-J.W.: It was quite the same as previous weeks and things are still looking very good. We did receive a lot of rain this past week that really wasn't needed – 3 to 4 inches in most areas with some receiving quite a bit more. However there wasn't any significant damage to corn. The soybeans may have gotten knocked down a little bit but they should come back. Producers think we are about week or two ahead of schedule. Silage could start coming off in a week or two. There have been some reports of significant damage from white mold as well as some sudden death syndrome in the soybeans for a few producers.

KEWAUNEE-T.S.: The soil and the crops got a good drink this past weekend. Locations in this area received anywhere from 0.5 to nearly 4 inches of rain, with most producers seeing around 2 inches. The soybeans and corn stand to benefit the most from the rain, as they are both either filling pods or cobs. Unfortunately, some corn had gotten stressed the past few weeks and had begun to dry up due to a lack of rain. With some of the bottom leaves turning brown, the rain will not help as much. Some of this corn will be taken off for corn silage in the next couple of weeks due to its condition. In those areas where rain had fallen within the past two weeks, the corn is in much better shape and still fully green. The same can also be said for the soybeans. They seemed to have handled the lack of rain better, and now will respond to the moisture by filling out the many pods more completely. Some weeds are showing up in a few soybean fields, mainly near the outside edges where any herbicide treatment coverage was not what it was elsewhere in the fields. Volunteer corn has been seen in a few fields as well. For some producers, the rain that has fallen will nearly be enough to finish the growing process of the crops. While most of the third crop alfalfa has been taken off, not all of it has been. This job will continue this week. Some fourth crop has also been taken off. Manure hauling is going on, with some of it being applied to those fields where winter wheat had been, and some applied to alfalfa fields. It is somewhat of a quiet time right now, as the corn silage harvest has not begun yet, and most of the hay harvest is done.

VERNON-K.L.: Lots of hay being cut this week. Mid-week the weather turned hot and humid again causing some more storms. The county received another 1-3 inches of rain, with some minimal hail in areas. Crops look excellent, but a little mold has been found in some corn. One soybean producer reported that he thought he was noticing early signs of "sudden death syndrome" in his beans.

COLUMBIA-G.K.: Frequent rains stopped all dry hay making for the week. Received about 2.5 inches of rain throughout the county for the week. Corn and soybeans are looking the best ever.

GREEN-M.M.: Crops look very good with the abundant rainfall and heat we've had this summer. Majority of corn is dented and corn silage harvest is just around the corner.

OZAUKEE-M.B.: Welcome rains this weekend will help finish the corn and soybean crops. Rains will get the cover crops up and growing, getting the best out of the remainder of the growing season.

Wisconsin Weekly Weather, Selected Cities, Ending as of 7:00 a.m. on August 21, 2016

City	Temperature						Growing degree days (modified base 50) 1/		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal*	Mar. 1 to Aug 20	Mar. 1 to Aug 20 normal*	Last Week	Since Jun. 1	Jun. 1 dep. from normal *	Year to date	Year dep. from normal *
Eau Claire	81	60	87	56	71	+2	2235	1931	1.39	14.32	+3.22	26.74	+5.35
Green Bay	82	61	87	58	72	+4	2080	1796	1.21	9.18	+0.00	20.36	+1.51
La Crosse	83	64	88	59	73	+1	2579	2162	2.51	17.28	+6.35	29.88	+8.07
Madison	82	63	86	60	73	+4	2336	2102	3.50	16.86	+6.19	30.78	+8.64
Milwaukee	85	68	88	64	77	+6	2306	n.a.	0.54	6.13	-3.44	17.94	-4.48

1/ 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 1971-2000 data. n.a.=not available. T=trace Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>.

For more weather data, please reference the following sites: <http://www.noaa.gov/> <http://www.aos.wisc.edu/~sco/> <http://www.cocorahs.org/> <http://www.weather.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.