



WISCONSIN CROP PROGRESS

July 15, 2013

Vol. 13, No. 15

Summer Heat Boosts Crops

Another week of summer heat and light rains helped late planted crops take off. Growing degree days for corn surpassed normal at all reporting stations this week for the first time in the 2013 growing season. Though crops were still lagging behind normal development, reporters noted that corn growth exploded this week in response to the warmth. In spite of above normal precipitation this spring, corn was reportedly in need of rain in some areas. Delays to fieldwork and excessive moisture earlier in the growing season have reportedly caused wide variations in crop condition and progress. Reporters noted that many low areas were drowned out, weedy or showing signs of nitrogen deficiency. Some replanting of these areas was reported. The first cutting of hay was wrapping up and the second cutting beginning as farmers took advantage of dry, sunny days. There were 5.9 days suitable for fieldwork statewide.

Across the reporting stations, average temperatures last week were 2 to 4 degrees above normal. Average high temperatures ranged from 82 to 87 degrees, while average low temperatures ranged from 62 to 67 degrees. Precipitation totals ranged from 0.06 inches in Eau Claire to 1.66 inches in Madison. If you are interested in further 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/>

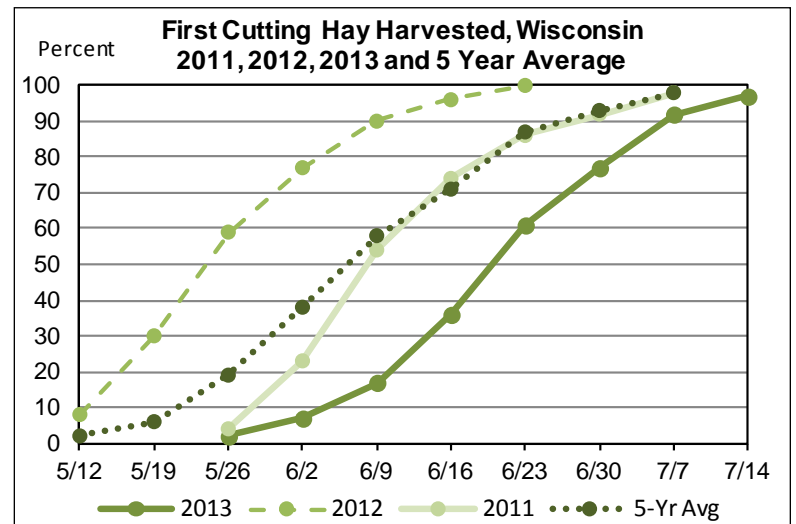
Corn was 44 inches tall on average. Corn was 2 percent silking, compared to 32 percent last year and a five-year average of 14 percent.

Soybeans were 98 percent emerged and 13 percent blooming. Some late planting of soybeans was reported.

Oats were 85 percent headed. Statewide, 2 percent of oats were harvested for grain, compared to 28 percent last year and a 7 percent five-year average. Harvesting of oats for hay and forage continued.

First cutting alfalfa was 97 percent harvested, and the second cutting was 34 percent harvested. Quality of the second crop was reportedly good.

Reporters from southern Wisconsin noted that **winter wheat** harvest will begin soon. **Potatoes** and early planted **snap beans** were blooming in Barron and Portage Counties.



Wisconsin Crop Conditions as of July 14, 2013

	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Pasture	0	4	19	57	20
Corn	2	7	27	44	20
Soybeans	1	6	27	48	18
Oats	1	5	24	53	17

Source: USDA, NASS, Wisconsin Field Office

Wisconsin Crop Progress, July 14, 2013

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			
Average corn height (in.)	28	26	34	35	47	40	50	59	49	44	31	62	55
Soybeans emerged	96	90	96	99	98	99	99	100	99	98	93	100	100
Soybeans blooming	2	13	20	4	18	24	4	17	19	13	n.a.	36	24
Oats headed	71	72	94	75	97	88	92	100	71	85	69	100	93
First cutting hay	92	95	98	98	93	98	100	100	98	97	92	100	100
Second cutting hay	27	9	61	17	27	47	41	54	25	34	14	93	60

Source: USDA, NASS, Wisconsin Field Office.

Days Suitable for Fieldwork and Soil Moisture Conditions, July 14, 2013

Item	District average									State average		
	NW	NC	NE	WC	C	EC	SW	SC	SE	This week	Last week	Last year
	Days									Days		
Days Suitable	6.0	5.9	6.5	6.0	6.1	5.2	6.0	6.3	5.5	5.9	6.1	6.8
	Percent									Percent		
Topsoil Moisture												
Very Short	1	0	0	4	0	0	1	0	0	1	0	50
Short	30	6	21	26	22	3	12	10	0	15	6	30
Adequate	63	93	76	62	73	83	83	66	93	75	72	19
Surplus	6	1	3	8	5	14	4	24	7	9	22	0
Subsoil Moisture												
Very Short	1	0	2	2	0	0	0	0	0	1	0	n.a.
Short	12	0	10	13	12	1	8	4	0	7	4	n.a.
Adequate	82	81	78	78	76	90	88	81	92	83	75	n.a.
Surplus	5	19	10	7	12	9	4	15	8	9	21	n.a.

Source: USDA, NASS, Wisconsin Field Office.

Wisconsin Crop Progress

Selected Quotes from Farm Reporters and County Ag Agents

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

RUSK-G.P.: Some corn is growing well, a lot is just ok and some is pretty bad. Soybeans and oats are doing ok. Planting of all crops continuing; corn, soybeans, oats, sorghum/sudan and direct seedings all went in last week. Spraying is winding down but will continue all summer with the wild planting season. Second crop is starting, quality and quantity look ok. Getting a little dry.

ASHLAND-C.B.: Corn and soybeans looking better, but still way behind normal for this time of year. Pasture continues to be good to excellent. Some dairy producers are looking to start chopping second crop soon.

SHAWANO-B.R.: Second crop alfalfa is yielding extremely well with high quality. Wheat is turning color. Corn and soybeans have both advanced a lot this past week with ideal moisture and temperatures.

BUFFALO-R.S.: First crop hay is about done, some doing oats and peas and starting second crop hay. Still seeing some corn and soybean planting. Pastures are drying up. Some corn curling and second crop hay is short. Early oats are turning color.

DUNN-S.S.: Need rain soon. Corn on higher ground a bit stressed. Also need rain for 2nd crop hay.

JUNEAU-J.W.: It was a good week again. More hay went down and was harvested and the warm weather really helped the corn take off. There were a lot of people side dressing their corn so some of it looks pretty good. Although quality is down most farmers are very happy with the quantity of the forage they were able to harvest after last year. Some places are showing some signs of heat/drought stress now because of the shallow roots. We could use a nice half inch to inch of rain this week.

KEWAUNEE-T.S.: As the amount of daylight has begun to decrease, the growing season is moving along. The winter wheat has really turned yellow even more so in the last week. The only areas that have not turned yet are small areas within each field where the wheat grew more slowly after last winter's snow and ice caused problems. But even so, the wheat is looking good and will be ready to harvest in a few weeks. The oats are really looking good as well and have just started to turn yellow. Some oats were recently harvested for forage. Oats to

be taken off for grain will be waiting for a while. The yield from both the wheat and oats should be good. Second crop alfalfa harvest is going strong, with a bit of it already chopped. Some of it has been cut for baling, and this job started to take place this week. The yield will be lower than the first crop. The corn is growing and for the most part is doing well. There are areas showing nitrogen deficiency, but these areas are mainly in lower parts of fields where rain and damp ground caused some of it to volatilize. Weeds are causing some problems in these same areas, but overall, the corn condition is very good. With adequate rain and now warm weather, the crop is shaping up. And the crop is tall enough now so that it is shading the ground, preventing too much moisture from leaving the soil and also slowing any weed growth. Manure hauling, which seems to be a never ending job, continues to take place.

SHEBOYGAN-E.P.: Crops growing as are the weeds after two showers of rain. Wet fields now. Oat kernels are getting hard. Hay harvest still slow with soft fields.

RICHLAND-J.C.: Winter wheat and oats for grain are close to being ready for harvest. With the dry weather in the last week and dry weather predicted ahead, much of the 2nd crop should be off the fields soon. The corn has greened up significantly in the last week. The corn that is tasseling could use rain.

SAUK-J.P.: First crop hay is finished now and some will transition right into second crop. Corn seems to have really jumped this past week and is looking better every day. Crop sprayers had a good week, not delayed or stopped due to rain or high winds. The herbicides work well with the hot humid weather. Strawberries are done, it was an excellent season for them. Raspberries are off to a great start, too. Lots of insects in gardens and berry patches makes picking no fun. Apples look wonderful with lots of fruit waiting to grow and ripen.

DANE-D.R.: Warm weather appreciated.

ROCK-C.O.: Wheat harvest could begin end of week.

WASHINGTON-J.N.: No rain this week. Lots of oats being planted in the wet spots where we can't plant corn.

Wisconsin Weekly Weather, Selected Cities, Ending as of 7:00 a.m. on July 14, 2013

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 Jul. 13	Mar. 1 To Jul. 13 normal*	Last Week	Since Jun. 1	Jun. 1 dep. from normal *	Year to date	Year dep. from normal *
Eau Claire	85	65	90	57	75	+4	1178	1173	0.06	5.95	+0.00	25.99	+9.75
Green Bay	82	62	85	56	72	+2	1149	1067	1.34	5.13	+0.25	18.89	+4.36
La Crosse	87	67	92	59	77	+3	1335	1324	0.13	6.09	+0.29	25.01	+8.23
Madison	84	64	89	56	74	+3	1298	1293	1.66	12.52	+6.78	32.61	+15.45
Milwaukee	83	65	90	56	74	+3	1124	n.a.	0.26	6.40	+1.28	25.91	+7.92

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. Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>. n.a.=not available. T=trace. Source: USDA, NASS, Wisconsin Field Office.



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