



Michigan Crop Weather

Field Crops

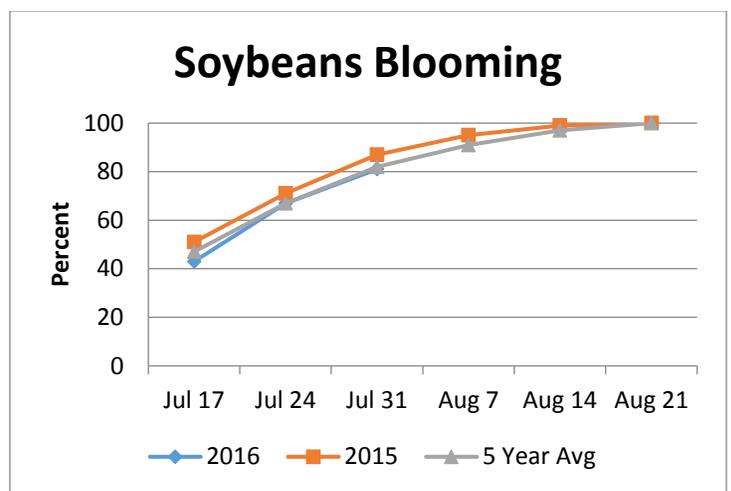
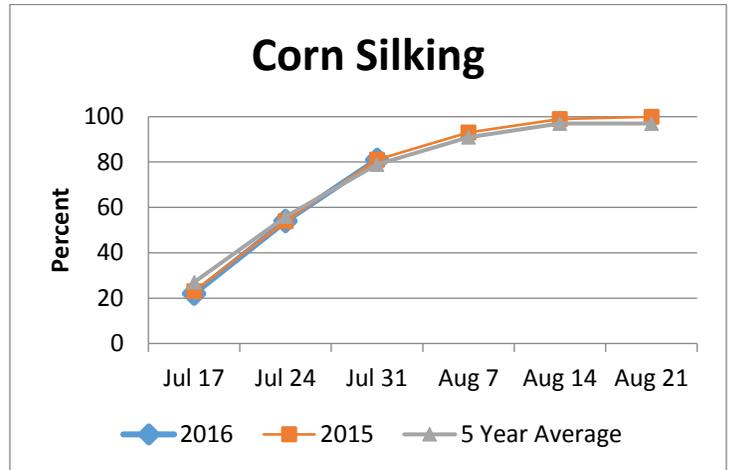
There were 5.5 days suitable for fieldwork in Michigan during the week ending July 31, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. Most of the state experienced some precipitation this past week; however, the high temperatures quickly evaporated what little moisture remained. Overall, the rainfall was enough to improve topsoil and subsoil moisture levels, but much more is still needed. The timely rains gave a boost to most crops, and some improvement was seen in **corn**. **Soybeans** and **sugar beets** also benefitted from the rainfall although **soybean** conditions remain variable across the state. **Hay** second cutting showed the effects of rain shortage as **hay** yields were down and growth was slow due to the dry weather. **Oat** harvest continued and **wheat** harvest neared completion. Some **dry bean** blossoming was hampered due to dry conditions; others applied fungicide this week. Heavy rains in southern Michigan were well received by the crops.

Fruit

Apricot harvest was winding down while **peach** harvest was in full swing this week. **Plum** harvest was under way for some Japanese types while European **plums** were reported to be coloring and sizing well. **Cherry** harvest wrapped up in southern counties; some growers reported problems with spotted wing Drosophila (SWD) larvae infested fruit at the tail end of harvest, and bird feeding was reported as heavy in some blocks. In the northwest, **tart cherry** harvest was in full swing while **sweet cherry** harvest was winding down; growers in the northwest reported some quality problems due to wind and hail. **Apples** continued to size, albeit slowly due to lack of rainfall; growers were hand-thinning high value **apple** varieties. **Pear** fruit ranged from 1.875 to 2.25 inches in diameter; **pear** fruit size in the east has been affected by abnormally dry conditions. **Juice grapes** were approaching bunch closure while **wine grapes** were at berry touch. Harvest of mid-season varieties of **blueberries** continued; fruit quality and size have been good in many areas, but the growers in the southwest reported problems finding harvest labor, and there were multiple reports of SWD fruit infestations in **blueberries** in the west central region.

Vegetables

Late Blight was discovered in three St. Joseph County **potato** fields last week. In the eastern region **winter squash** and **pumpkins** were setting fruit as **summer squash** and **cucumber** harvest continued. In the west, **carrot** development continued to look good. **Sweet corn** harvest had started in most areas with few issues reported. Disease pressure remained high across the State last week. Growers are encouraged to engage in scouting activities early and often.



Crop Condition: Week Ending 07/31/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	3	9	30	46	12
Soybeans	3	9	30	48	10
Dry Edible Beans.....	4	9	24	45	18
Oats	1	6	29	48	16
Sugarbeets	2	4	25	59	10
Range and Pasture	10	18	33	31	8

Crop Progress: Week Ending 07/31/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.5	5.8	-	-
Corn Silking	81	54	81	79
Corn Dough	10	1	9	6
Soybeans Blooming.....	81	67	87	82
Soybeans Setting Pods.....	41	20	41	41
Winter Wheat Harvested	94	81	78	87
Dry Edible Beans Blooming..	68	35	60	71
Dry Edible Beans Setting Pods	17	5	12	20
Alfalfa Hay 2nd Cutting	81	67	67	NA
Other Hay 2nd Cutting	61	41	42	NA
Oats Mature	71	50	62	NA
Oats Harvested	16	6	10	24

Soil Moisture: Week Ending 07/31/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	14	32	50	4
Subsoil moisture.....	15	37	46	2

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - July 31, 2016														
STATION	TEMPERATURE				PRECIPITATION 4IN			AVG		PRECIPITATION			GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DAYS	SOIL	TEMP	TOTAL	DFN	DYS	TOTAL	DFN	
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10 Western UP														
Clarksburg	90	45	66	-2	0.03	2		12.53	+2.13	51	905	-79		
Hancock_Houghto	85	50	67	+1	0.00	0		10.96	+0.93	47	997	+44		
Ironwood_Ag	85	45	66	+1	0.66	2		20.56	+7.27	60	1085	+86		
Marquette_Ag	87	58	70	+3	0.07	1		12.67	+2.27	52	958	-26		
Menominee_AP	87	54	71	+0	0.42	4		9.71	-3.16	61	1294	-55		
Norway	90	54	70	+3	0.19	2		11.20	-1.25	49	1268	+86		
Paulding	87	42	65	-1	0.43	2		16.43	+4.41	56	1017	+64		
Stambaugh	87	42	65	+1	0.47	2		12.95	-0.14	54	991	+123		
10 Eastern UP														
Chatham_Exp_Far	90	50	68	+3	0.12	3		12.45	+1.93	57	1042	+75		
Garden_Corners	85	48	68	-1	0.21	2		10.82	+0.23	46	1025	-11		
Manistique_WWTP	78	54	67	+2	0.51	2		13.41	+2.54	39	865	+55		
Moran	83	50	69	+0	0.30	2		11.24	+1.55	41	978	-47		
Newberry_City	90	53	69	+3	0.07	2		11.95	+1.23	57	940	-71		
Rudyard_4N	84	53	69	+5	0.31	2		8.76	-1.82	44	888	-7		
Sault_Ste_Marie	87	56	69	+5	0.41	2		9.95	-1.27	44	1146	+304		
20 Northwest LP														
Antrim_Co_Arpt	86	49	71	+4	0.16	3		5.90	-4.17	59	1311	+254		
Beulah_7SSW	88	58	73	+4	0.97	2		8.98	-2.53	44	1425	+208		
Cadillac_WWTP	86	58	71	+5	1.67	4		12.74	+1.08	50	1324	+229		
East_Jordan_2NW	86	51	71	+3	0.07	1		9.51	-1.35	38	1242	+54		
Kalkaska_Ag	88	56	72	+7	0.18	2		8.20	-3.23	44	1270	+212		
Lake_City_Exp_F	87	54	71	+5	1.22	5		13.41	+2.01	54	1253	+155		
NW_Michigan_Res	87	62	74	+7	0.04	1	83	8.55	-1.52	43	1420	+363		
Pellston_Regnl	85	47	69	+3	0.09	3		8.40	-1.04	47	1172	+199		
Traverse_City_M	87	54	72	+3	0.09	2		8.91	-2.59	44	1345	+72		
30 Northeast LP														
Alpena_Co_Regio	92	52	73	+7	0.55	3		8.89	-1.77	42	1324	+294		
Atlanta_5WNW	89	44	71	+3	0.00	0		9.58	+0.23	34	1119	-37		
Hale_5SSW	89	53	71	+4	0.85	3		9.49	-1.56	31	1227	+93		
Mio_WWTP	91	54	72	+4	0.21	3		9.14	-0.94	48	1273	+98		
Rogers_City_NO2	86	52	71	+4	0.46	1		8.89	-1.49	29	1254	+210		
Vanderbilt	87	51	69	+5	1.05	2		11.98	+0.97	37	1075	+102		
West_Branch	90	58	73	+5	0.56	5		10.98	-0.51	44	1334	+95		
40 West Central LP														
Fremont_4WSW	88	62	74	+6	2.99	3		12.52	+1.07	40	1540	+317		
Hart_3WSW	88	61	73	+4	3.67	2		13.23	+1.18	53	1409	+147		
Ludington_Mason	84	58	72	+3	0.83	4		7.89	-3.29	60	1254	-57		
Muskegon_Co_AP	88	63	75	+5	2.00	3		13.96	+3.19	47	1622	+272		
50 Central LP														
Alma_Ag	89	62	74	+3	1.09	5		11.12	-0.66	43	1541	+104		
Big_Rapids_WTR	88	58	72	+3	1.83	4		15.01	+2.97	51	1304	-29		
Gladwin	89	59	74	+6	1.37	3		11.32	-0.21	41	1448	+174		
Mount_Pleasant	91	61	74	+4	0.77	5		6.37	-5.63	59	1543	+129		
Oil_City_3E	88	57	71	-3	0.90	4		10.98	-0.23	51	1300	-326		
Reed_City_WWTP	87	59	73	+6	1.23	3		13.85	+2.36	52	1398	+226		
60 East Central LP														
Auburn_2NE	92	58	73	+1	1.20	5		11.35	+0.14	44	1469	-157		
Bad_Axe_Ag	90	60	73	+5	1.17	4		9.14	-2.48	40	1419	+177		
Saginaw_NO3	91	63	75	+2	1.20	4		12.08	+0.20	41	1651	-13		
Sandusky	90	61	74	+4	1.21	4		11.22	+0.74	38	1509	+134		
Vassar	91	57	73	+2	1.94	4		10.75	-1.27	39	1438	-20		
70 Southwest LP														
Benton_Harbor_A	91	61	75	+4	0.41	4		11.53	-2.33	50	1704	+235		
Bloomington	89	60	74	+4	2.97	3		14.91	+0.46	41	1561	+141		
Dowagiac	89	61	75	+5	0.26	3		12.60	-1.92	46	1605	+72		
East_Grand_Rapi	88	60	73	+2	1.64	3		13.75	-0.31	46	1514	-10		
Kalamazoo_Intl	89	61	75	+2	3.60	4		16.29	+1.75	47	1787	+50		
Kent_City	87	62	73	+4	1.74	5		12.43	+1.66	52	1371	+21		
80 South Central LP														
Battle_Creek_5N	87	58	74	+4	0.62	5		11.58	-2.13	47	1704	+184		
Charlotte_WWTP	87	61	74	+4	1.56	3		12.67	-0.34	48	1542	+112		
Coldwater_Branc	87	60	74	+4	0.88	3		8.64	-5.82	54	1686	+203		
Hastings	87	61	73	+3	1.65	4		13.51	-0.13	50	1529	+81		
Hillsdale_Ag	87	61	73	+3	3.02	4		13.62	-1.43	48	1582	+155		
Lansing	89	61	74	+5	1.06	4		10.36	-1.71	45	1703	+277		
Owosso_WWTP	89	61	74	+4	2.38	3		12.10	+0.55	44	1564	+190		
Three_Rivers_Ag	88	61	74	+4	0.13	2		13.30	-1.46	49	1595	+93		
90 Southeast LP														
Burton	90	59	73	+3	1.98	2		11.58	-0.54	50	1425	+2		
Farmington	91	62	75	+2	0.50	2		9.87	-2.99	42	1585	-123		
Grosse_Pte_Farm	91	65	76	+3	0.24	2		9.07	-3.96	34	1672	-4		
Lapeer_WWTP	90	60	75	+5	0.23	2		10.70	-1.21	39	1563	+204		
Newport_4SSE	93	63	77	+4	0.73	3		9.45	-3.76	47	1740	-65		
Richmond_4NNW	90	60	74	+3	0.71	2		12.06	-0.35	35	1586	+83		
Saline_WWTP	92	58	75	+3	1.15	3		10.72	-2.15	47	1641	+5		
Tipton	90	61	75	+4	3.51	3		14.32	+0.79	43	1611	+68		
Whitmore_Lake	89	60	74	+3	1.77	3		12.10	+0.84	39	1493	+32		
Yale	90	58	73	+3	0.91	3		10.32	-0.16	35	1419	+44		