



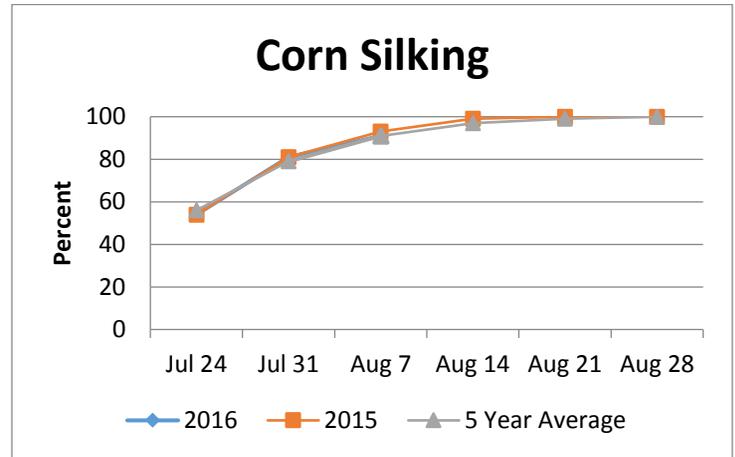
MI-CW3216

# Michigan Crop Weather

August 8, 2016

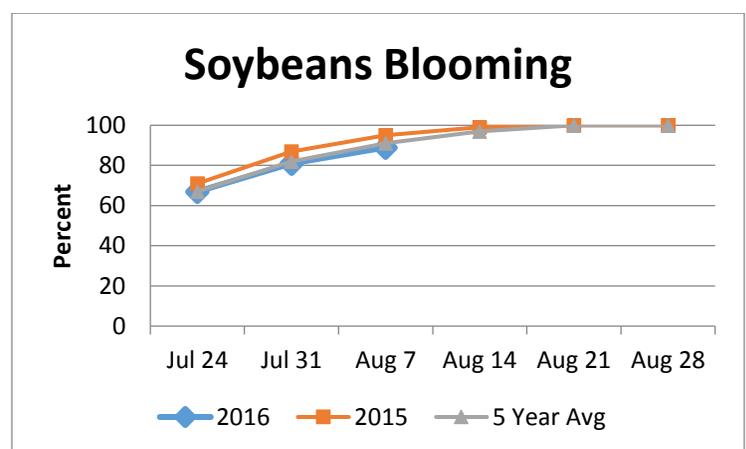
## Field Crops

There were 6.5 days suitable for fieldwork in Michigan during the week ending August 7, 2016, according to Marlo Johnson, Director of the Great Lakes Regional office of the National Agricultural Statistics Service. Precipitation was scarce this past week across the State, which contributed to the ongoing near drought conditions. Hot, dry weather has stressed crops and pastures in many areas and negatively affected crop development in some areas. Second and third cutting of **hay** has been progressing at a slow, steady pace. Farmers were also busy this week spraying fungicides, insecticides, harvesting **oats**, and baling **wheat** straw.



## Fruit

While some growers have reported improved fruit size and quality with recent rains across the State, newly planted trees and small fruits were showing signs of stress from the lack of rainfall. Spotted wing *Drosophila* (SWD) populations continued to increase across the State, especially in **blueberries**, **raspberries**, and unharvested **cherry** blocks with inadequate pest management. In the southwest, **blueberry** fruit quality and size has been good, but elsewhere, small berry size and soft fruit due to dry conditions have been reported. Summer red **raspberry** harvest ended in the southwest and the east while **blackberry** harvest continued at most farms. **Tart cherry** harvest continued in the northwest, some of the most northern most blocks have yet to be harvested. Several varieties of **peaches** were harvested including PF Lucky 13 and PF14NJ, with harvest of Redhaven, Starfire, and Newhaven beginning in southernmost counties. **Plums** have colored for European types, while Japanese varieties are being harvested. **Apples** were mostly 2.375 to 2.75 inches in diameter while **pears** ranged mostly from 2 to 2.25 inches in diameter for most growers. Veraison started in early ripening hybrid **grapes** in the southwest, while Concord fruit clusters were filling out in the east. Wine **grape** shoot growth was vigorous in the northwest with the recent hot weather, resulting in a need for hedging in some vineyards.



Crop Condition: Week Ending 08/07/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	4	11	31	44	10
Soybeans .....	2	10	31	50	7
Dry Edible Beans.....	4	10	25	44	17
Oats .....	1	5	31	48	15
Sugarbeets .....	2	6	26	55	11
Range and Pasture ....	9	23	32	29	7

Crop Progress: Week Ending 08/07/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	6.5	5.5	-	-
Corn Silking .....	91	81	93	91
Corn Dough .....	25	10	27	22
Soybeans Blooming.....	89	81	95	91
Soybeans Setting Pods.....	60	41	63	64
Dry Beans Blooming.....	84	68	84	86
Dry Beans Setting Pods.....	40	17	40	46
Alfalfa Hay 2nd Cutting .....	86	81	77	NA
Alfalfa Hay 3rd Cutting.....	18	NA	28	NA
Other Hay 2nd Cutting .....	69	61	55	NA
Other Hay 3rd Cutting.....	10	NA	2	NA
Oats Mature .....	85	71	87	NA
Oats Harvested .....	34	16	31	38

Soil Moisture: Week Ending 08/07/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	18	39	40	3
Subsoil moisture.....	19	41	38	2

## Vegetables

In East Michigan, most fresh market **potatoes** were ready for harvest. Some unirrigated fields were adversely affected by drought conditions. In the southeast, **sweet corn** harvest continued while **potato** harvest was expected to commence soon. Processing tomatoes looked good with harvest anticipated to begin in a few weeks. Southwestern Michigan had reports of bacterial diseases in some tomato fields as well as grasshopper damage in **peppers**. Early **potato** harvest for chipping was expected to begin this week in the southwest. Warm, humid conditions last week were ripe for the spread of foliar disease.

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - August 7, 2016													
STATION	TEMPERATURE				PRECIPITATION 4IN			AVG		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DAYS	TEMP	TOTAL	DFN	DYS	TOTAL	DFN	
	----	----	----	----	-----	----	----	-----	-----	----	-----	-----	
<b>10 Western UP</b>													
Clarksburg	91	44	67	+0	0.00	0		12.53	+1.50	51	1027	-78	
Hancock_Houghto	87	53	71	+6	0.02	1		10.98	+0.34	48	1145	+80	
Ironwood_Ag	86	51	69	+4	0.35	1		20.91	+6.78	61	1216	+108	
Marquette_Ag	90	59	72	+5	0.02	1		12.69	+1.66	53	1113	+8	
Menominee_AP	87	54	72	+2	0.13	2		9.84	-3.73	63	1449	-42	
Norway	92	56	72	+5	0.15	1		11.35	-1.94	50	1423	+115	
Paulding	86	47	67	+3	0.31	3		16.74	+3.95	59	1137	+78	
Stambaugh	87	43	67	+4	1.05	3		14.00	+0.07	57	1110	+146	
<b>10 Eastern UP</b>													
Chatham_Exp_Far	87	54	70	+4	0.08	2		12.53	+1.29	59	1182	+103	
Garden_Corners	87	45	69	+1	0.00	0		10.82	-0.54	46	1159	-3	
Manistique_WWTP	81	57	68	+4	0.00	0		13.41	+1.84	39	992	+74	
Moran	87	52	71	+3	0.00	0		11.24	+0.99	41	1123	-33	
Newberry_City	90	54	71	+5	0.17	2		12.12	+0.63	59	1086	-42	
Rudyard_4N	88	47	71	+7	0.13	1		8.83	-2.45	45	1012	+13	
Sault_Ste_Marie	89	58	73	+8	0.64	1		10.59	-1.38	45	1306	+359	
<b>20 Northwest LP</b>													
Antrim_Co_Arpt	93	50	71	+5	0.01	1		5.91	-4.84	60	1460	+284	
Beulah_7SSW	89	56	73	+5	0.00	0		8.98	-3.23	44	1589	+239	
Cadillac_WWTP	89	55	72	+6	0.02	1		12.76	+0.31	51	1478	+266	
East_Jordan_2NW	93	52	73	+6	0.02	1		9.53	-2.10	39	1402	+88	
Kalkaska_Ag	92	52	73	+7	0.00	0		8.25	-3.88	42	1400	+230	
Lake_City_Exp_F	90	52	70	+5	0.00	0		13.22	+1.06	52	1390	+175	
NW_Michigan_Res	92	60	74	+8	0.08	1	84	8.63	-2.12	44	1591	+415	
Pellston_Regnl	92	45	70	+4	0.03	1		8.43	-1.67	48	1311	+222	
Traverse_City_M	93	57	73	+5	0.00	0		8.91	-3.29	44	1509	+98	
<b>30 Northeast LP</b>													
Alpena_Co_Regio	95	54	74	+9	0.00	0		8.89	-2.55	42	1495	+348	
Atlanta_5WNW	94	48	71	+4	0.00	0		9.58	-0.51	34	1267	-14	
Hale_5SSW	91	51	70	+3	0.00	0		9.49	-2.33	31	1370	+112	
Mio_WWTP	94	49	72	+5	0.00	0		9.14	-1.71	48	1431	+131	
Rogers_City_NO2	93	51	72	+6	0.00	0		8.89	-2.31	29	1402	+237	
Vanderbilt	92	45	71	+6	0.04	1		11.98	+0.20	37	1212	+134	
West_Branch	92	53	72	+4	0.04	1		11.02	-1.28	45	1488	+121	
<b>40 West Central LP</b>													
Fremont_4WSW	89	58	74	+6	0.00	0		12.52	+0.28	40	1707	+356	
Hart_3WSW	88	57	72	+4	0.00	0		13.23	+0.35	53	1566	+171	
Ludington_Mason	85	55	70	+2	0.00	0		7.89	-4.13	60	1398	-52	
Muskegon_Co_AP	89	60	75	+5	0.14	1		14.10	+2.58	48	1796	+306	
<b>50 Central LP</b>													
Alma_Ag	90	57	73	+4	0.01	1		11.13	-1.40	44	1699	+120	
Big_Rapids_WTR	90	56	71	+3	0.00	0		15.01	+2.12	51	1453	-15	
Gladwin	93	55	73	+5	0.00	0		11.32	-0.97	41	1614	+208	
Mount_Pleasant	93	54	74	+4	0.01	1		6.38	-6.36	60	1711	+155	
Oil_City_3E	91	51	71	-2	0.00	0		10.98	-0.95	51	1452	-330	
Reed_City_WWTP	90	56	73	+6	0.00	0		13.85	+1.62	52	1557	+263	
<b>60 East Central LP</b>													
Auburn_2NE	92	55	72	+0	0.00	0		11.35	-0.58	44	1627	-155	
Bad_Axe_Ag	91	61	75	+7	0.02	1		9.16	-3.23	41	1593	+219	
Saginaw_NO3	93	60	75	+4	0.00	0		12.08	-0.39	41	1829	+7	
Sandusky	91	61	74	+5	0.05	1		11.27	+0.19	39	1681	+166	
Vassar	91	56	73	+3	0.00	0		10.75	-1.90	39	1599	-4	
<b>70 Southwest LP</b>													
Benton_Harbor_A	92	56	73	+3	0.00	0		11.53	-3.03	50	1869	+254	
Bloomingtondale	91	55	73	+4	0.04	1		14.95	-0.27	42	1725	+165	
Dowagiac	92	58	74	+3	0.00	0		12.60	-2.76	46	1773	+93	
East_Grand_Rapi	92	57	73	+3	0.00	0		13.75	-1.08	46	1675	+4	
Kalamazoo_Intl	91	58	75	+2	0.00	0		16.29	+0.91	47	1960	+62	
Kent_City	90	56	73	+3	0.04	1		12.42	+0.90	51	1533	+43	
<b>80 South Central LP</b>													
Battle_Creek_5N	92	55	73	+4	0.00	0		11.58	-2.90	47	1868	+203	
Charlotte_WWTP	89	59	73	+4	0.00	0		12.24	-1.54	48	1691	+121	
Coldwater_Branc	89	57	73	+3	0.04	1		8.68	-6.66	55	1848	+224	
Hastings	90	57	73	+3	0.00	0		13.51	-0.90	50	1689	+99	
Hillsdale_Ag	90	58	73	+4	0.22	1		13.84	-1.98	49	1741	+174	
Lansing	93	59	75	+6	0.00	0		10.36	-2.40	45	1881	+315	
Owosso_WWTP	91	60	74	+5	0.00	0		12.10	-0.15	44	1732	+222	
Three_Rivers_Ag	91	58	73	+3	0.00	0		13.30	-2.35	49	1760	+114	
<b>90 Southeast LP</b>													
Burton	91	57	73	+4	0.00	0		11.58	-1.24	50	1588	+24	
Farmington	91	61	75	+2	0.10	1		9.97	-3.48	43	1761	-114	
Grosse_Pte_Farm	90	66	76	+4	0.00	0		9.07	-4.73	34	1854	+15	
Lapeer_WWTP	93	59	74	+5	0.00	0		10.70	-1.92	39	1732	+236	
Newport_4SSE	91	62	77	+4	0.06	1		9.51	-4.47	48	1931	-39	
Richmond_4NNW	91	60	74	+4	0.00	0		12.06	-1.06	35	1757	+103	
Saline_WWTP	94	55	75	+4	0.00	0		10.72	-2.94	47	1815	+23	
Tipton	91	60	75	+4	0.15	1		14.47	+0.16	44	1785	+94	
Whitmore_Lake	90	59	73	+3	0.00	0		12.10	+0.21	39	1659	+51	
Yale	91	58	73	+3	0.00	0		10.32	-0.76	35	1581	+66	