



Michigan Crop Weather

Field Crops

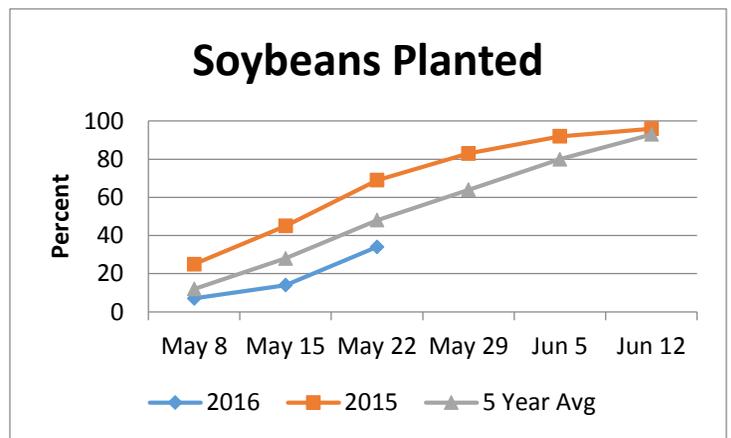
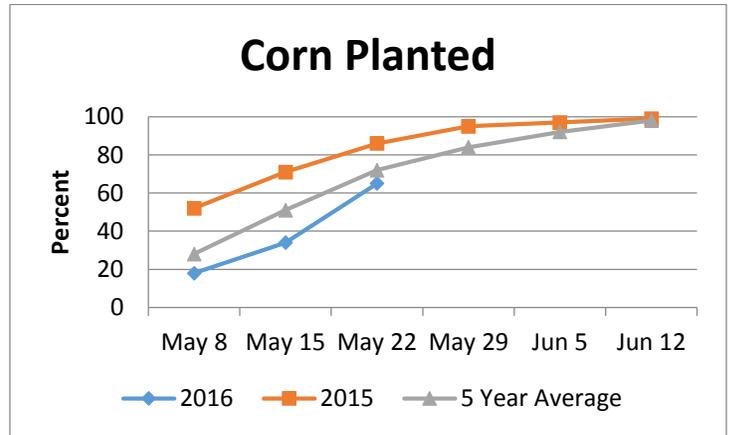
There were 5.5 days suitable for fieldwork in Michigan during the week ending May 22, 2016, according to the Great Lakes Regional office of the National Agricultural Statistics Service. Cool, wet weather at the start of the week finally gave way to warmer drier conditions by mid-week which continued through the weekend. Although some farmers reported a few fields with standing water in low-lying areas with heavy soils, most fields had dried out enough to finally begin field work. Farmers took advantage of the blue skies and drier fields to finish planting **sugarbeets** and make strong progress on planting **corn** and **soybeans**, but many producers want to see warmer nighttime temperatures, and even some rain in northern parts of the State, to facilitate germination and emergence. **Oat** and **barley** planting was winding down this week with just over half of the crop emerged. A few producers reported cutting **alfalfa** for greenchop this week, with many more expecting to begin next week. Much of the State's **winter wheat** crop has jointed, with a few areas reporting head emergence; growers continued to monitor fields for cutworm damage and stripe rust.

Fruit

Recent cooler weather has extended bloom in tree fruit, **strawberries** and **blueberries** in many parts of the State. Growers have been taking frost protection measures as freeze warnings were posted in west central and northwest regions for May 18. Insect activity has been lighter than normal due to prevailing cooler temperatures, but growers were spraying fungicides in anticipation of upcoming wet weather. In the southwest and the east, stone fruits, including **apricots**, **peaches**, **plums**, and **cherries** ranged from fully in the shuck to fully out of the shuck. In the west central and northwest regions, **sweet cherries** ranged from full bloom to petal fall while **tart cherries** ranged from showing little white to full bloom. In **apples**, orchards were in king bloom in the north, full bloom in the central regions, and generally past bloom in the south. **Wine grapes** ranged from swell to bud burst while **juice grapes** and hybrid varieties were at bud burst with up to six inches of shoot growth. **Raspberry** shoots and leaves continued emerging in fall bearing raspberries while flower buds were separating in the clusters in summer bearing raspberries.

Vegetables

Direct seeding of **sweet corn**, **cucumbers**, **squash** and **zucchini** continued in the southwest as weather allowed. **Sweet onion** planting was nearly complete in the eastern region and seeding of **beans** and **peas** was on-going. **Potato** planting was well underway in the central region although wet and cool conditions did slow progress. **Cole crops** were being transplanted into market gardens as well. **Asparagus** harvest continued in Oceana County and **carrots** were showing strong emergence and development.



Crop Condition: Week Ending 05/22/16

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Winter Wheat	1	3	19	59	18
Oats	1	1	18	59	21
Sugarbeets	1	2	19	65	13
Range and Pasture	1	6	20	56	17

Crop Progress: Week Ending 05/22/16

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.5	3.1	-	-
Corn Planted.....	65	34	86	72
Corn Emerged	17	6	63	38
Soybeans Planted.....	34	14	69	48
Soybeans Emerged	6	0	34	19
Winter Wheat Jointing.....	79	69	74	NA
Winter Wheat Headed	4	2	4	13
Oats Planted.....	85	66	95	87
Oats Emerged	54	32	80	67
Sugarbeets Planted	100	95	100	95
Sugarbeets Emerged	66	30	NA	NA

Soil Moisture: Week Ending 05/22/16

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	1	9	65	25
Subsoil moisture.....	0	5	69	26

LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - May 22, 2016												
STATION	TEMPERATURE				PRECIPITATION 4IN			PRECIPITATION			GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DAYS	SOIL	TOTAL	DFN	DYS	TOTAL	DFN
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10 Western UP												
Clarksburg	80	24	48	-6	0.07	1		3.08	-1.13	20	51	-44
Hancock_Houghto	76	33	51	-3	0.42	1		2.51	-0.90	15	80	-13
Ironwood_Ag	77	29	50	-5	0.23	1		5.21	+1.11	21	95	-8
Marquette_Ag	71	27	45	-9	0.03	1		3.40	-0.81	20	33	-62
Menominee_AP	78	34	54	-5	0.00	0		1.87	-2.99	20	83	-73
Norway	81	32	54	-2	0.04	1		3.21	-1.14	18	102	-33
Paulding	79	23	48	-6	0.16	1		3.59	-0.68	21	82	-7
Stambaugh	78	25	49	-4	0.12	1		3.87	-0.49	19	49	-31
10 Eastern UP												
Chatham_Exp_Far	73	27	49	-5	0.01	1		3.58	+0.29	21	63	-24
Garden_Corners	76	28	49	-6	0.02	1		3.76	-0.45	18	37	-60
Manistique_WWTP	72	32	50	-1	0.00	0		3.69	-0.21	14	27	-25
Moran	77	31	49	-4	0.08	2		4.00	+0.26	19	40	-36
Newberry_City	74	29	49	-6	0.03	1		3.33	-0.28	24	31	-78
Rudyard_4N	77	27	47	-7	0.03	1		3.74	+0.18	19	23	-70
Sault_Ste_Marie	77	31	51	-2	0.01	1		3.53	-0.79	18	76	-7
20 Northwest LP												
Antrim_Co_Arpt	76	29	50	-4	0.02	2		2.32	-1.54	26	113	+13
Beulah_7SSW	79	34	52	-4	0.00	0		2.84	-1.56	19	138	-9
Cadillac_WWTP	75	30	52	-4	0.00	0		3.61	-1.05	20	100	-18
East_Jordan_2NW	76	31	50	-7	0.02	1		3.49	-0.71	17	101	-47
Kalkaska_Ag	76	29	50	-6	0.03	2		3.52	-0.69	20	96	-14
Lake_City_Exp_F	78	30	51	-5	0.01	1		4.21	-0.55	21	91	-31
NW_Michigan_Res	75	33	52	-2	0.00	0	63	2.81	-1.05	19	110	+10
Pellston_Regnl	79	28	49	-5	0.02	1		3.38	-0.77	17	70	-21
Traverse_City_M	73	32	51	-6	0.00	0		3.74	-0.54	20	100	-42
30 Northeast LP												
Alpena_Co_Regio	79	29	51	-4	0.02	2		4.35	+0.16	21	83	-10
Atlanta_5WNW	77	27	49	-8	0.00	0		4.75	+1.41	17	63	-62
Hale_5SSW	76	29	50	-5	0.00	0		3.82	-0.26	10	81	-32
Mio_WWTP	79	28	51	-5	0.00	0		4.87	+1.12	21	97	-24
Rogers_City_NO2	75	32	50	-4	0.00	0		4.70	+0.75	14	69	-19
Vanderbilt	77	27	49	-5	0.21	1		4.89	+0.47	16	58	-32
West_Branch	77	30	52	-5	0.00	0		4.87	+0.29	18	90	-57
40 West Central LP												
Fremont_4WSW	76	34	55	-3	0.00	0		4.81	-0.19	21	171	+19
Hart_3WSW	81	30	53	-5	0.02	2		3.37	-1.62	24	138	-15
Ludington_Mason	75	28	49	-8	0.01	1		2.66	-1.97	28	107	-68
Muskegon_Co_AP	79	33	55	-3	0.00	0		5.38	+0.33	22	185	+4
50 Central LP												
Alma_Ag	75	35	54	-5	0.30	2		5.94	+0.94	22	149	-44
Big_Rapids_WTR	77	32	52	-6	0.00	0		5.50	+0.32	24	101	-76
Gladwin	76	32	53	-5	0.00	0		5.63	+1.08	20	121	-35
Mount_Pleasant	77	36	55	-4	0.01	1		2.59	-2.39	29	151	-30
Oil_City_3E	77	31	53	-9	0.01	1		5.06	+0.25	24	104	-142
Reed_City_WWTP	76	33	53	-4	0.13	1		5.33	+0.43	22	109	-33
60 East Central LP												
Auburn_2NE	75	34	54	-7	0.00	0		4.64	-0.17	19	110	-136
Bad_Axe_Ag	73	35	52	-5	0.02	2		3.95	-0.81	21	96	-35
Saginaw_NO3	77	36	56	-6	0.00	0		5.59	+0.95	21	159	-97
Sandusky	77	33	52	-7	0.04	1		4.10	-0.01	16	121	-49
Vassar	74	30	52	-8	0.01	1		4.53	-0.41	22	119	-81
70 Southwest LP												
Benton_Harbor_A	72	36	54	-6	0.05	1		6.89	+0.77	25	198	-9
Bloomington	77	34	54	-5	0.05	1		5.86	-0.24	22	170	-29
Dowagiac	73	37	54	-6	0.06	2		7.25	+1.11	25	190	-41
East_Grand_Rapi	76	33	53	-7	0.02	1		7.46	+1.62	24	148	-78
Kalamazoo_Intl	74	37	55	-7	0.18	2		6.45	+0.44	24	231	-70
Kent_City	78	28	52	-7	0.02	1		6.10	+1.05	24	108	-73
80 South Central LP												
Battle_Creek_5N	75	36	58	-3	0.04	1		6.35	+0.48	25	244	+7
Charlotte_WWTP	74	34	54	-5	0.03	2		7.05	+1.61	28	149	-52
Coldwater_Branc	72	38	54	-6	0.04	3		4.12	-1.67	32	201	-15
Hastings	75	35	54	-5	0.05	1		7.49	+1.95	26	155	-44
Hillsdale_Ag	73	35	53	-6	0.17	3		6.26	+0.20	26	158	-35
Lansing	74	38	55	-4	0.01	1		6.09	+1.17	25	188	-11
Owosso_WWTP	74	35	54	-5	0.01	1		5.91	+1.11	26	149	-33
Three_Rivers_Ag	74	34	54	-6	0.10	1		6.54	+0.61	27	185	-27
90 Southeast LP												
Burton	73	32	52	-8	0.23	2		5.91	+0.85	26	116	-73
Farmington	72	31	52	-10	0.05	1		5.03	-0.25	22	130	-137
Grosse_Pte_Farm	68	34	53	-8	0.00	0		4.33	-0.96	18	138	-113
Lapeer_WWTP	75	34	54	-5	0.20	2		5.36	+0.52	21	137	-30
Newport_4SSE	77	36	55	-8	0.06	3		3.96	-1.29	27	144	-156
Richmond_4NNW	71	33	52	-8	0.04	1		4.39	-0.59	17	141	-58
Saline_WWTP	75	35	53	-9	0.20	3		5.21	-0.21	28	162	-92
Tipton	74	31	54	-7	0.09	2		6.10	+0.42	23	150	-75
Whitmore_Lake	73	33	53	-7	0.05	1		4.92	+0.15	24	136	-61
Yale	72	35	51	-7	0.02	1		4.85	+0.74	18	92	-78

Summary based on NWS data. DFN = Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Normals period 1971-2000 Used in DFN calculations. For more weather information visit www.awis.com or call 1-888-798-9955. Copyright 2016: Agricultural Weather Information Service, Inc. All rights reserved.