



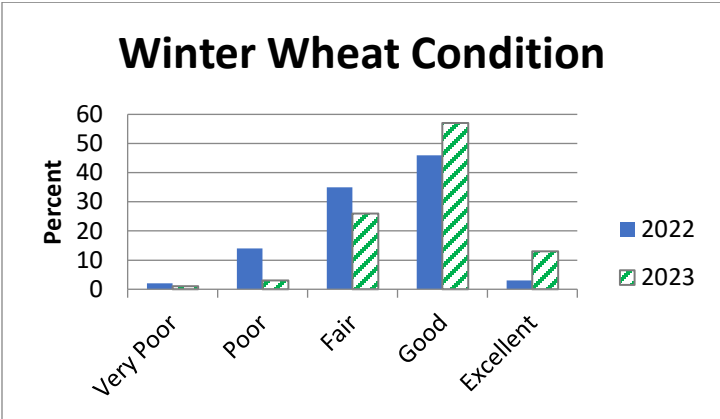
MI-CW2023

Michigan Crop Weather

May 15, 2023

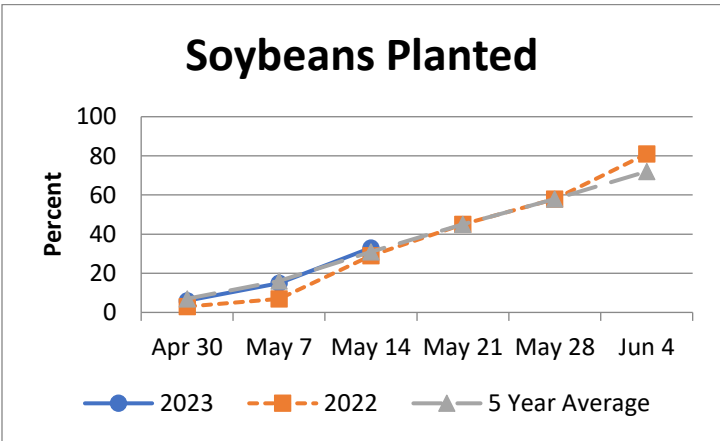
Field Crops

A break in precipitation allowed fields to dry out and for fieldwork to pick up rapidly throughout most of the State, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 5.2 days suitable for fieldwork in Michigan during the week ending May 14, 2023. **Sugarbeets** emergence is ahead of historical averages. **Winter Wheat** has shown improvement after an abnormal winter and remained in mostly good to fair condition. Warm days have increased soil temperatures, speeding up emergence for **oats, barley, corn, and soybeans**. Producers reported topsoil and subsoil moisture finally declining in fields and pastures after a very wet spring. Other activities during the week included fertilizing and tillage.



Fruit

Pollination was forefront on grower's minds. The warmup last week ramped up honeybee activity and had hives buzzing. Farmers hoped the warm weather would encourage pollinator activity to help with pollination. For **apples**, return bloom was higher than expected in 2023 considering a heavy crop last year. In the North, minor damage due to frosts and freezes in apples was reported; on average, one flower out of a cluster of five was impacted. The potential for a good apple crop still exists. In the Southwest, apples ranged from full bloom to 5 mm in diameter. In the Southeast, apples were mostly at full bloom. Apple varieties in the North were at pink while the West Central ranged from pink to bloom. In the Northwest, the warmer weather has accelerated **tart cherry** bloom and some early varieties were expected to be at petal fall by the end of the week. Some growers reported damage in tarts, but overall, most reports were favorable for a good crop. Tart cherries were in bloom in the West Central, full bloom in the Southeast, and were in shuck in the Southwest. In the West Central and Southeast, **peaches** were at bloom to petal fall. In the Southwest, peach growth stages ranged from petal fall to in the shuck. Swelling of developing fruit and drop of unsuccessful flowers were becoming evident. In the Southeast, **blueberries** were at late pink bud. In the Southwest, blueberry leaf buds had opened. One to two leaves were visible. Fruit buds were separating. Bloom was beginning.



Crop Condition: Week Ending 05/14/23

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Winter Wheat	1	3	26	57	13
Range and Pasture	12	2	20	54	12

Crop Progress: Week Ending 05/14/23

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.2	3.3	-	-
Corn Planted.....	31	6	27	37
Corn Emerged	3	0	2	6
Soybeans Planted.....	33	15	29	31
Soybeans Emerged	2	1	2	5
Winter Wheat Jointing.....	58	42	74	59
Winter Wheat Headed	4	1	1	1
Barley Planted	20	11	16	33
Barley Emerged.....	5	1	3	11
Oats Planted.....	52	33	56	64
Oats Emerged	15	10	22	35
Sugarbeets Planted	95	85	86	84
Sugarbeets Emerged	60	30	39	42

Soil Moisture: Week Ending 05/14/23

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	0	5	86	9
Subsoil moisture.....	1	8	84	7

Vegetables

Warmer temperatures allowed Michigan vegetable producers to make substantial progress on their planting activities. Among the crops slated for planting were **cucumbers, summer squash, and melons**. **Pickle** field work had begun for initial plantings, while **sweet corn** planting was picking up. Early **carrot** sowings were up, and greenhouse **tomatoes** were at or near first harvest, with some early field plantings already starting. **Asparagus** pickings were underway in the Southwest, with harvest in the West Central region on the horizon. Pest presence was detected on **cabbages** in certain locations, prompting growers to take action to protect their vegetable crops.

Weather Summary For Michigan

Week Ending 2023-05-14

Since April 1

	Week Ending 2023-05-14						Since April 1					
	Temperature			Precipitation			Precipitation			GDD Base 50		
	High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	
Upper Peninsula												
ALBERTA FORD FOR CENTER	73	41	54	4	0.00	0	7.79	4.14	17	47	-28	
HANCOCK HOUGHTON COUNTY AP	80	38	56	8	0.00	0	3.95	0.99	20	73	27	
IRONWOOD	79	45	59	9	0.13	3	9.49	5.48	22	116	37	
CHATHAM EXPERIMENT FARM 2	81	31	56	6	0.00	0	8.58	5.20	19	72	19	
Northwest LP												
BEULAH 7SSW	80	40	60	7	0.02	1	3.80	-0.56	19	185	77	
FRANKFORT 2NE	80	46	61	9	0.00	0	3.81	-0.18	14	187	90	
TRAVERSE CITY CHERRY CAPITAL AP	82	38	58	7	0.00	0	3.61	-0.33	17	214	113	
Northeast LP												
ALPENA COUNTY REGIONAL AP	80	35	56	5	0.00	0	5.28	1.76	17	126	49	
GAYLORD 9SSW	80	40	59	8	0.00	0	4.83	0.80	18	174	93	
GLENNIE 2SE	81	36	56	4	0.72	1	6.49	2.68	18	129	74	
HALE LOUD DAM	82	36	57	6	0.10	1	6.97	3.32	20	142	60	
ONAWAY 4N	80	35	56	3	0.00	0	5.20	1.61	13	84	-24	
West Central LP												
MUSKEGON COUNTY AP	83	43	62	7	0.17	2	2.98	-1.37	15	239	91	
Central LP												
CENTRAL MICHIGAN UNIVERSITY	65	43	55	0	0.00	0	5.02	0.41	14	139	7	
GLADWIN	82	39	59	5	0.18	1	4.69	0.32	17	166	47	
MIDLAND	79	34	56	1	0.00	0	3.83	-0.79	16	131	-23	
East Central LP												
BAD AXE	82	40	59	6	0.42	1	6.44	2.32	22	162	48	
SAGINAW #3	82	43	61	5	0.20	1	4.90	0.22	21	192	42	
SAGINAW MBS INTL AP	80	40	60	4	0.00	0	3.41	-1.00	18	208	64	
VASSAR	82	42	61	7	0.07	1	3.55	-0.99	15	102	-17	
Southwest LP												
BENTON HARBOR	83	42	61	4	0.09	2	4.41	-0.55	20	244	40	
DOWAGIAC 1 W	80	43	62	6	0.24	3	5.41	0.47	22	207	33	
GRAND RAPIDS GERALD R FORD INTL AP	81	44	61	4	0.11	2	3.95	-1.16	19	227	39	
HOLLAND TULIP CITY AP	79	44	61	4	0.28	2	3.70	-1.10	19	224	31	
South Central LP												
COLDWATER ST SCHOOL	80	42	60	3	0.00	0	3.85	-1.05	13	207	32	
HASTINGS	81	43	61	6	0.36	2	5.69	0.72	20	203	55	
JACKSON REYNOLDS FIELD	79	41	61	5	0.03	2	3.00	-1.04	22	225	47	
LANSING CAPITAL CITY AP	82	45	62	6	0.05	2	4.69	0.20	21	248	75	
THREE RIVERS	80	44	62	5	0.08	2	4.49	-0.50	21	232	32	
Southeast LP												
ADRIAN 2 NNE	81	40	62	6	0.10	1	3.51	-1.36	18	222	71	
ANN ARBOR U OF MICH	81	38	62	4	0.07	2	3.84	-0.87	23	212	7	
CHELSEA	81	40	62	6	0.14	2	3.44	-0.51	18	206	36	
FARMINGTON	81	42	61	6	0.32	2	5.26	0.76	18	188	44	
MANCHESTER	82	41	62	6	0.23	2	3.84	-0.79	18	198	40	
PORT HURON	82	44	58	3	0.00	0	5.13	0.80	16	201	64	

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1991-2020 period.

Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit.