United States Department of Agriculture
National Agricultural Statistics Service
Great Lakes Region

Michigan Crop Weather

MI-CW1823 May 1, 2023

Field Crops

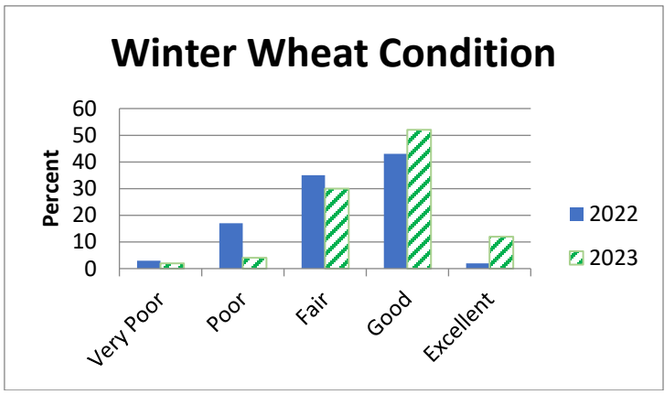
Producers throughout the State had a small window to continue fieldwork due to the cold temperatures and precipitation received at week's end, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 3.3 days suitable for fieldwork in Michigan during the week ending April 30, 2023. Both the Upper Peninsula and Lower Peninsula experienced freezing temperatures. Producers continued to report an abundance of moisture in fields and pastures. **Winter wheat** condition remained in mostly good to fair condition. Low soil temperatures have slowed emergence and growth for **oats**, **barley**, **corn**, **sugarbeets**, and **soybeans**. Other activities during the week included fertilizing where conditions allowed, spring tillage, and spreading manure.

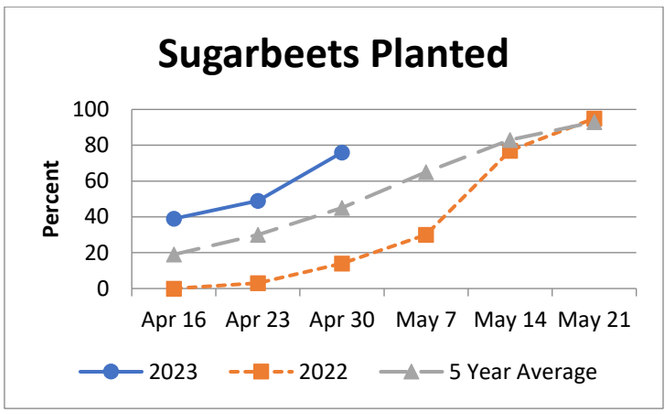
Fruit

Crop development slowed with recent cold temperatures. Farmers had to stay alert to the changing weather conditions. Low temperatures in the past week in some locations reached the point where the fruit crop will be damaged, though in most areas the temperature remained just above the point of damage; more will be known as the season progresses. The cold, wet weather was not conducive to pollinator activity. In the Southwest, **tart cherries** were at full bloom. In the Southeast, cherries were open cluster to white stages. In the West Central and Northwest tart cherries were mostly at tight cluster. In the Southwest, **peaches** were at full bloom to early petal fall. In the Southeast, peaches were at the pink stage with some bloom. In the West Central, peaches ranged from red calyx to first bloom. In the Southwest, **blueberry** leaf buds have opened. One to two leaves were visible. Fruit buds were separating. More advanced locations were at early to late pink bud. In the Southeast, blueberries were at tight cluster to early pink bud. Early blooming **apple** varieties in the Southwest were at late pink to king bloom with other varieties generally in pink. In the warmest areas of the Southeast and West Central, apples were at pink. Apples were at tight cluster in the Northwest.

Vegetables

Michigan vegetable producers were moving forward with their field activities, although colder temperatures impeded planting progress throughout much of the State. Weather conditions led to a slowdown in **asparagus** field work, but growers were still applying herbicides when possible, and emergence was established in some areas. Meanwhile, planting of **potatoes** and **sweet corn** was underway, as was transplanting of a number of vegetable crops, including **broccoli**, **cauliflower**, and **peppers**. **Tomatoes** in hoop houses were setting fruit, and **garlic** was up in multiple fields.





Crop Condition: Week Ending 04/30/23

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	*(percent)*	*(percent)*	*(percent)*	*(percent)*
Winter Wheat	2	4	30	52	12

Crop Progress: Week Ending 04/30/23

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	3.3	3.2	-	-
Corn Planted.....	2	1	1	7
Soybeans Planted.....	6	2	3	7
Winter Wheat Jointing.....	21	15	29	31
Barley Planted	8	6	1	12
Oats Planted.....	25	16	18	37
Oats Emerged	6	1	1	15
Sugarbeets Planted	76	49	14	45
Sugarbeets Emerged.....	15	2	NA	NA

Soil Moisture: Week Ending 04/30/23

Item	Very short	Short	Adequate	Surplus
	(percent)	*(percent)*	*(percent)*	*(percent)*
Topsoil moisture.....	0	3	67	30
Subsoil moisture.....	1	8	74	17

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Weather Summary For Michigan

	Week Ending 2023-04-30						Since April 1				
	Temperature				Precipitation		Precipitation			GDD Base 50	
	High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN
Upper Peninsula											
HANCOCK HOUGHTON COUNTY AP	51	29	39	-4	0.99	4	2.70	0.86	16	27	14
IRONWOOD	55	21	35	-10	1.78	4	6.85	4.21	14	46	18
CHATHAM EXPERIMENT FARM 2	47	25	35	-9	0.29	2	2.57	0.42	11	38	23
Northwest LP											
BEULAH 7SSW	71	27	43	-6	0.06	2	2.83	0.01	13	91	43
FRANKFORT 2NE	64	30	43	-5	0.04	1	2.02	-0.67	10	85	42
TRAVERSE CITY CHERRY CAPITAL AP	64	27	43	-4	0.13	2	2.51	-0.27	12	128	82
Northeast LP											
ALPENA COUNTY REGIONAL AP	57	27	42	-4	0.82	4	4.40	2.01	13	75	42
GAYLORD 9SSW	63	28	41	-5	0.47	2	2.88	0.10	13	105	73
GLENNIE 2SE	58	24	40	-7	0.67	3	4.85	2.15	12	79	62
HALE LOUD DAM	59	24	42	-5	0.81	3	5.20	2.77	14	82	47
ONAWAY 4N	60	27	41	-7	0.51	1	3.50	1.08	8	32	-17
West Central LP											
MUSKEGON COUNTY AP	65	28	46	-5	0.20	3	2.23	-0.68	10	107	40
Central LP											
CENTRAL MICHIGAN UNIVERSITY	66	31	44	-5	0.09	2	4.71	1.48	11	114	56
GLADWIN	64	24	41	-8	0.58	2	4.19	1.29	12	82	30
MIDLAND	61	28	43	-8	0.62	4	3.50	0.37	14	71	1
East Central LP											
BAD AXE	59	28	42	-6	1.21	3	5.19	2.41	16	96	43
SAGINAW #3	64	31	45	-6	0.66	2	4.15	0.96	14	93	25
SAGINAW MBS INTL AP	63	30	45	-6	0.64	3	2.84	-0.05	13	114	50
VASSAR	60	27	42	-7	0.94	2	2.76	-0.21	11	33	-23
Southwest LP											
BENTON HARBOR	66	26	44	-8	0.49	3	3.56	0.18	14	123	19
DOWAGIAC 1 W	63	26	42	-10	0.50	4	3.50	0.24	15	101	15
GRAND RAPIDS GERALD R FORD INTL AP	64	29	45	-7	0.34	3	3.13	-0.22	13	111	21
HOLLAND TULIP CITY AP	61	29	45	-8	0.27	3	2.67	-0.58	13	108	13
South Central LP											
COLDWATER ST SCHOOL	62	28	42	-9	0.55	2	1.67	-1.35	8	97	12
HASTINGS	65	26	43	-7	0.32	3	4.75	1.44	14	105	35
JACKSON REYNOLDS FIELD	65	26	43	-9	0.83	4	2.28	-0.33	15	114	24
LANSING CAPITAL CITY AP	66	30	45	-6	0.49	3	3.89	0.86	15	127	42
THREE RIVERS	66	29	46	-7	0.50	4	3.17	-0.01	14	121	23
Southeast LP											
ADRIAN 2 NNE	64	28	44	-7	1.78	5	2.88	-0.34	14	113	43
ANN ARBOR U OF MICH	63	23	44	-9	1.19	5	3.11	-0.11	17	105	5
CHELSEA	64	26	43	-9	0.84	3	2.80	0.21	12	105	24
FARMINGTON	62	27	43	-8	1.24	3	4.45	1.56	13	92	28
MANCHESTER	65	27	44	-7	1.04	4	3.19	0.32	12	95	23
PORT HURON	55	34	45	-5	1.28	3	4.70	1.80	11	116	55

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.