



MI-CW2522

# Michigan Crop Weather

June 21, 2022

## Field Crops

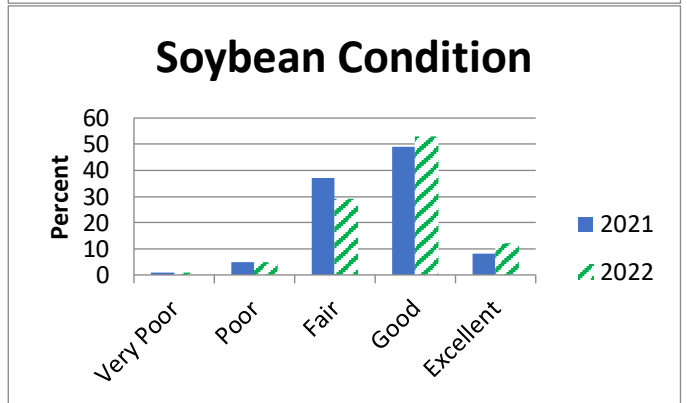
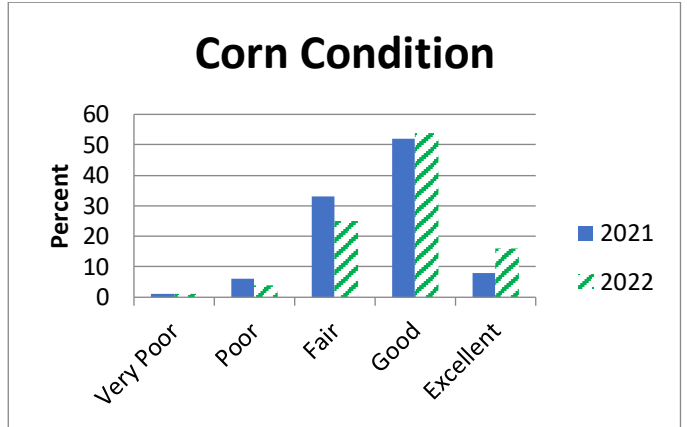
Widespread storms brought high winds and heavy rainfall across the State, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 5.6 days suitable for fieldwork in Michigan during the week ending June 19, 2022. None of the State is currently experiencing abnormally dry weather. **Winter wheat** was progressing nicely as growers continued to apply fertilizer. Emergence continued to be notable across all crops. In the Lower Peninsula, **corn** and **soybean** planting neared completion. **Dry bean** planting in the Thumb Region made significant progress despite the stormy conditions. **Alfalfa** and **other hay** cuttings continued as weather allowed. Other activities during the week included equipment maintenance, spreading fertilizer, and spraying pesticides.

## Fruit

Very warm weather mid-week had growers applying supplemental irrigation in new plantings and to small fruit. Fruitlets continued to size well and growers were evaluating additional needs for thinning in apples and peaches. Cranberry fruitworm emergence was high in the West Central. **Apples** in the West Central ranged from 20 to 30 mm depending on variety; fruitlet growth was substantial last week. The apple crop on the Ridge appeared to be very promising with most fruit ranging in size from 20 to 25 mm with early varieties pushing 30 mm. Codling moth activity was variable and directly tied to temperature. Apples in the Northwest were approaching the size where chemical thinning was not possible. **Peaches** were around 35 mm in the Southwest; pit hardening was a week or two away. **Tart cherries** were straw colored in the Southwest; a blush was just starting to show. In general, the crop looked very good.

## Vegetables

Extreme weather conditions and high pest presence put a strain on Michigan vegetable producers as field activities continued. Intense heat led some growers to adjust their schedules to get an earlier start to their days, and severe storms caused variable damage to some vegetable crops across the State. As pest pressure has increased in **onions**, **carrots**, and **cucurbits**, producers have begun prioritizing scouting activities. The State's first cucurbit downy mildew spores for the 2022 growing season were identified in the East, but no outbreak on **cucumbers** or any other crops had been reported in Michigan to date. Early **tomato** plantings were being pruned, and the first trellis strings were being installed. Meanwhile, **asparagus** harvest was wrapping up in the Southwest, but severe purple spot had been detected in some fields due to a period of extended wetness.



Crop Condition: Week Ending 06/19/22

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn .....	1	4	25	54	16
Soybeans.....	1	5	29	53	12
Winter Wheat .....	4	18	30	42	6
Barley .....	1	29	42	24	4
Oats .....	0	9	24	62	5
Sugarbeets .....	3	5	19	52	21
Range and Pasture ...	0	11	21	61	7

Crop Progress: Week Ending 06/19/22

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.6	4.2	-	-
Corn Planted.....	99	97	100	96
Corn Emerged .....	93	86	100	85
Soybeans Planted.....	97	90	100	89
Soybeans Emerged .....	88	74	98	79
Winter Wheat Headed .....	91	86	95	84
Winter Wheat Mature.....	2	0	3	N/A
Barley Planted.....	97	90	N/A	N/A
Barley Emerged .....	93	74	100	N/A
Barley Headed .....	1	0	22	N/A
Dry Edible Beans Planted .....	86	62	92	62
Dry Edible Beans Emerged ...	73	4	63	N/A
Alfalfa Hay 1st Cutting.....	69	54	86	65
Alfalfa Hay 2nd Cutting.....	1	0	N/A	N/A
Other Hay 1st Cutting .....	47	30	70	45
Oats Emerged .....	95	92	N/A	N/A
Oats Headed .....	21	10	35	23

Soil Moisture: Week Ending 06/19/22

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture .....	9	11	72	8
Subsoil moisture .....	6	13	70	11

# Weather Summary For Michigan

Week Ending 2022-06-19

Since April 1

	Week Ending 2022-06-19						Since April 1				
	Temperature			Precipitation			Precipitation			GDD Base 50	
	High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN
<b>Upper Peninsula</b>											
HANCOCK HOUGHTON COUNTY AP	74	46	60	0	0.49	3	6.36	0.42	35	319	32
IRONWOOD	87	44	64	2	1.36	4	9.30	1.36	36	368	-9
CHATHAM EXPERIMENT FARM 2	85	38	62	1	1.53	4	9.90	2.86	35	311	-13
PICKFORD 3NE	81	34	60	-2	0.32	2	5.67	-1.38	27	343	14
<b>Northwest LP</b>											
BEULAH 7SSW	90	43	66	2	0.43	2	7.61	-0.84	33	559	78
BOYNE FALLS	95	40	69	3	0.24	1	6.26	-1.03	26	658	92
FRANKFORT 2NE	87	49	67	4	0.37	3	5.92	-1.82	26	525	97
TRAVERSE CITY CHERRY CAPITAL AP	95	44	69	5	0.54	3	5.61	-1.64	32	606	149
<b>Northeast LP</b>											
ALPENA COUNTY REGIONAL AP	96	42	65	2	0.12	1	9.13	2.46	36	484	103
GAYLORD 9SSW	93	43	65	2	0.30	3	5.76	-2.43	37	497	97
GLENNIE 2SE	92	41	62	-1	0.08	1	6.54	-2.82	28	394	11
HALE LOUD DAM	95	43	67	3	0.07	1	6.38	-1.07	32	560	133
ONAWAY 4N	91	41	62	-2	0.00	0	3.39	-3.66	15	376	-106
<b>West Central LP</b>											
MUSKEGON COUNTY AP	93	50	72	6	1.28	2	8.59	0.76	31	731	142
<b>Central LP</b>											
CENTRAL MICHIGAN UNIVERSITY	97	52	72	5	0.44	2	8.47	-0.17	31	667	91
GLADWIN	93	45	67	2	0.44	2	7.77	-0.75	31	562	36
MIDLAND	92	49	70	3	0.54	2	6.61	-2.04	38	561	-67
<b>East Central LP</b>											
BAD AXE	95	46	67	2	0.20	2	6.33	-1.59	38	590	83
SAGINAW #3	96	50	71	3	0.15	2	8.17	-0.50	35	716	91
SAGINAW MBS INTL AP	95	51	71	3	0.35	3	7.07	-1.08	40	726	110
VASSAR	95	47	71	6	0.00	0	6.95	-1.80	30	552	19
<b>Southwest LP</b>											
BENTON HARBOR	96	48	74	6	0.92	2	10.19	1.04	32	751	43
GRAND RAPIDS GERALD R FORD INTL AP	94	51	74	5	0.39	2	10.11	0.35	34	744	46
HOLLAND TULIP CITY AP	93	50	73	4	0.75	2	10.11	0.92	31	718	14
<b>South Central LP</b>											
COLDWATER ST SCHOOL	93	49	72	4	1.10	1	9.29	-0.57	28	708	45
HASTINGS	92	48	72	5	0.53	2	11.73	2.04	36	654	62
JACKSON REYNOLDS FIELD	92	43	71	3	0.05	2	8.34	0.35	36	748	92
LANSING CAPITAL CITY AP	95	50	74	6	0.48	3	9.29	0.66	36	862	208
THREE RIVERS	92	49	71	2	0.00	0	8.13	-1.52	29	518	-204
<b>Southeast LP</b>											
ADRIAN 2 NNE	93	47	71	4	1.17	3	8.83	-0.70	38	764	148
ANN ARBOR U OF MICH	94	42	71	2	0.74	2	10.87	1.88	44	758	21
CHELSEA	94	45	72	4	0.58	2	9.68	1.58	35	764	123
FARMINGTON	96	46	70	3	0.46	2	8.18	-0.04	29	700	87
MANCHESTER	94	47	72	4	0.84	2	10.28	1.23	29	740	105
PORT HURON	93	53	70	4	0.00	0	6.80	-1.32	32	695	110

*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.