

# Iowa Crops & Weather



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For the week ending May 11, 2003

## Widespread Delay of Fieldwork

The main activity in fields across Iowa last week was recharging of soil moisture. The consensus from reporters was a need for warm and sunny weather so fields can dry out and fieldwork can resume. Corn seedlings were reported as yellowed due to the cool, wet weather. There is a possibility that some corn will have to be replanted and unplanted corn may be switched to shorter season hybrids. Tile lines are running again, and feedlots are muddy. Reports of calf scours were received.

**Topsoil moisture** ratings were 0 percent very short, 0 percent short, 49 percent adequate, and 51 percent surplus across Iowa. **Subsoil moisture** ratings were 2 percent very short, 8 percent short, 67 percent adequate, and 23 percent surplus.

There was 0.6 **day suitable for fieldwork**, compared to 2.7 days last week and 4.0 days last year at this time. **Primary seedbed preparations** were 82 percent complete, while **fertilizer applications** were 91 percent complete. **Oat seedings** were 100 percent complete, compared to 98 percent last week, and similar to last year's progress of 100 percent complete. **Oat emergence** was at 83 percent, compared to 74 percent last week, but slightly below the 92 percent last year at this time. **Oat condition** rated 0 percent very poor, 2 percent poor, 19 percent fair, 64 percent good, and 15 percent excellent. **Corn planting** increased from 56 percent complete to 64 percent complete. This is behind last year's progress of 81 percent complete and the 5-year average of 78 percent complete. Corn planting is four days behind normal. **Corn emergence** was at 12 percent, slightly behind last year's progress of 15 percent emergence, and below the 5-year average of 25 percent emergence. **Soybean planting** was at 6 percent, below last year's progress of 27 percent and the 5-year average of 28 percent. Soybean planting is ten days behind normal. **Pasture and Range** condition improved from last week and rated 0 percent very poor,

2 percent poor, 17 percent fair, 61 percent good, and 20 percent excellent.

## Iowa Weather Summary

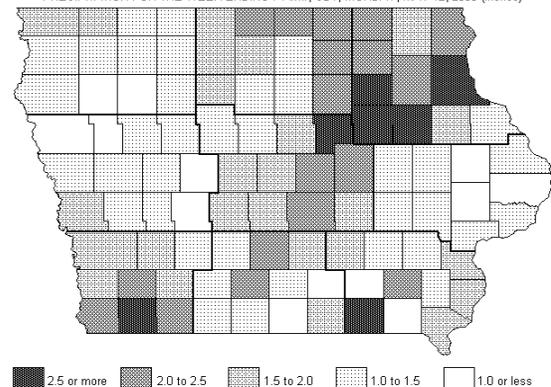
It was another wet week across Iowa. Light to moderate rain fell from southwest into central and northeast Iowa on Tuesday (6th). Rain fell statewide on both Thursday (8th) and Saturday (10th) with severe thunderstorms across parts of eastern Iowa on both dates. Severe weather was reported from 16 eastern Iowa counties on Thursday afternoon and evening with hail up to softball size reported from Mahaska County while baseball size hail reports came from Wayne, Appanoose, and Des Moines counties. Saturday afternoon and evening storms resulted in severe weather reports from 25 counties. Saturday's storms included reports of hail up to baseball size in Mahaska, Poweshiek, and Iowa counties with tornadoes spotted in seven counties. Rainfall totals for the week ranged from 0.58 inches at Ottumwa and 0.72 inches at Albia up to 3.36 inches at Independence and 3.14 inches at Tripoli. The statewide average rainfall was 1.58 inches or nearly double the weekly normal of 0.86 inches. However, persistent very strong winds on Sunday (12th) should have helped to begin drying the wet topsoils across the state.

Temperatures were slightly below normal throughout the week across the northwest one-half of the state, while above normal temperatures were restricted to southeastern Iowa on Friday (9th) and Saturday (10th). Morning low temperatures in the upper 30's were scattered across Iowa on Tuesday (6th), Wednesday (7th), Thursday (8th), and Monday (12th) with Anamosa reporting the lowest reading with 35 degrees on Thursday. Temperatures for the week as a whole averaged from 0.1 degrees above normal at the Quad Cities, down to 5.0 degrees below normal at Mason City and Spencer.

## Statewide Crop Conditions as of May 11, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Oats	0	2	19	64	15
Range & Pasture	0	2	17	61	20

PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MONDAY, MAY 12, 2003 (inches)



## Field Work and Crop Progress as of May 11, 2003

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent					
Fertilizer application completed (including fall work)	88	92	87	92	89	94	93	91	90	91	89	94	93	
Seedbed, primary preparation completed (including fall work)	80	85	85	84	83	81	79	77	84	82	79	90	89	
Corn planted	80	88	60	60	61	59	49	40	42	64	56	81	78	
Corn emerged	12	9	6	13	12	11	22	22	14	12	3	15	25	
Soybeans planted	4	6	10	3	3	7	6	8	9	6	4	27	28	
Oats emerged	83	88	64	94	84	90	97	94	91	83	74	92	85	

## Days Suitable & Soil Moisture Condition as of May 11, 2003

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Days	Days	Days	Days	Days	Days	Days	Days	Days				
Days suitable	1.7	0.4	0.4	0.5	0.1	0.5	0.6	0.6	0.6	0.6	2.7	4.0	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	0	0	0	0	0	0	0	0	0	0	1	
Short	1	0	0	0	0	0	0	0	0	0	2	10	
Adequate	63	33	58	52	37	60	36	44	51	49	67	78	
Surplus	36	67	42	48	63	40	64	56	49	51	31	11	
Subsoil moisture													
Very short	2	0	1	0	0	0	5	9	0	2	3	5	
Short	5	1	4	4	1	9	10	21	21	8	19	20	
Adequate	81	40	74	81	60	77	65	53	75	67	65	69	
Surplus	12	59	21	15	39	14	20	17	4	23	13	5	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, May 11, 2003**

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	70	40	50	-5	2.63	1.93	4.20	0.29	12	-33
Sioux Center	74	37	54	-4	2.04	1.34	5.51	1.99	31	-28
Spencer	71	36	51	-6	2.27	1.50	4.53	0.62	14	-37
Spirit Lake	62	41	51	-4	1.07	0.44	3.80	0.35	14	-51
North Central District										
Britt	66	40	51	-7	4.21	3.44	7.10	2.87	16	-42
Humboldt	68	41	52	-7	3.79	3.02	7.32	3.07	22	-31
Mason City	67	40	51	-5	3.65	2.79	5.83	1.53	16	-33
Northwood	66	42	51	-5	3.98	3.21	6.74	2.53	11	-38
North East District										
Decorah	69	39	54	-4	2.57	1.73	5.46	0.73	33	-23
Dubuque	74	36	54	-3	1.72	0.78	4.95	-0.23	34	-16
Elkader	71	37	53	-4	3.31	2.47	7.60	3.07	27	-43
Independence	73	38	52	-4	4.48	3.64	7.78	3.11	20	-52
Waterloo	72	39	55	-3	4.23	3.32	8.04	3.35	39	-19
West Central District										
Audubon	71	40	54	-6	3.32	2.39	7.94	3.23	27	-41
Carroll	70	42	53	-5	3.05	2.14	7.16	2.44	29	-29
Castana	70	42	53	-6	2.52	1.65	5.51	1.44	25	-31
Guthrie Center	71	43	55	-4	1.91	1.02	8.61	3.96	37	-24
Harlan	71	42	53	-6	3.02	2.10	7.18	2.66	29	-34
Jefferson	71	43	54	-4	4.53	3.62	9.23	4.51	33	-25
Logan	73	40	53	-7	2.30	1.34	9.17	4.78	27	-41
Rockwell City	69	41	52	-7	3.49	2.63	8.21	4.08	23	-40
Sioux City	72	39	54	-6	1.69	0.92	6.19	2.68	28	-38
Central District										
Ames	71	42	55	-2	2.86	1.95	7.04	2.29	39	-15
Boone	71	43	55	-4	3.42	2.51	9.14	4.38	33	-28
Des Moines	73	47	58	-2	3.95	3.18	9.90	5.33	58	-12
Eldora	71	42	54	-4	3.82	2.96	7.93	3.45	29	-28
Marshalltown	69	42	55	-3	2.79	1.95	5.39	0.87	36	-19
Newton	73	42	55	-4	3.98	3.07	8.25	3.60	36	-29
Perry	71	44	55	-3	4.50	3.61	10.60	6.09	36	-22
Toledo	72	40	53	-4	3.38	2.43	7.64	2.92	27	-25
East Central District										
Cedar Rapids	74	38	56	-3	1.97	1.20	4.52	0.12	42	-19
Davenport	79	38	57	-2	2.37	1.60	5.53	1.07	54	-11
Iowa City	76	38	57	-3	2.58	1.68	5.81	0.70	54	-21
Lowden	78	36	55	-3	1.79	0.88	4.24	-0.94	38	-23
Maquoketa	76	37	53	-4	1.49	0.70	4.68	0.24	29	-23
Muscatine	79	41	57	-3	2.50	1.66	5.49	0.67	49	-4
South West District										
Clarinda	71	41	56	-4	2.92	1.91	7.71	2.76	40	-28
Glenwood	74	42	55	-5	2.23	1.22	6.50	2.01	38	-32
Oakland	72	42	54	-5	2.49	1.65	7.62	3.34	34	-28
Red Oak	73	41	57	-5	2.90	1.96	6.84	1.90	49	-27
Sidney	71	43	56	-5	2.45	1.54	5.75	1.17	43	-32
South Central District										
Allerton	74	44	57	-2	0.85	-0.06	6.25	1.53	53	13
Beaconsfield	71	45	56	-2	1.41	0.57	5.51	0.90	45	-18
Chariton	76	40	56	-3	1.45	0.60	6.66	1.79	46	-15
Indianola	72	45	57	-3	4.40	3.49	8.72	3.71	47	-17
Leon	76	43	58	-1	2.20	1.22	6.90	1.85	59	-4
South East District										
Bloomfield	78	41	58	-2	3.69	2.78	8.99	4.05	60	-14
Burlington	80	44	61	2	3.27	2.43	6.68	1.87	74	2
Ottumwa	76	42	58	-2	2.09	1.20	6.12	1.46	56	-16

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.

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