

Iowa Crops & Weather



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For the week ending April 27, 2003

Corn Planting Progresses

Although most of the state received rain of varying amounts late last week, fields dried out quickly and fieldwork progressed at a rapid pace. Iowa's field progress nearly caught up with last year during the past week. Both oat emergence and corn planting progress increased greatly and were above the 5-year average. The welcomed rain, along with favorable soil temperatures and minor insect concerns, made for great seedbed conditions for corn. There were scattered reports of corn spiking through the ground and other acres nearly spiking. In addition, there were a few reports of soybeans being planted. Pasture conditions continued to improve while calving conditions were also favorable.

Recent precipitation had a beneficial effect on both topsoil and subsoil moisture conditions. **Topsoil moisture** ratings were 2 percent very short, 17 percent short, 78 percent adequate, and 3 percent surplus across Iowa. **Subsoil moisture** ratings were 10 percent very short, 31 percent short, 57 percent adequate, and 2 percent surplus.

There were 4.3 **days suitable for fieldwork**, compared to 3.2 days last week and 3.7 days last year at this time. **Primary seedbed preparations** were 68 percent complete, while **fertilizer applications** were 81 percent complete. **Oat seedings** were 93 percent complete, compared to 78 percent last week, but slightly behind last year's progress of 96 percent complete. **Oat emergence** was at 50 percent, compared to 59 percent last year at this time. **Corn planting** increased from 3 percent complete to 28 percent complete. This is similar to last year's progress of

30 percent complete. **Range and pasture** conditions rated 1 percent very poor, 9 percent poor, 40 percent fair, 44 percent good, and 6 percent excellent.

Iowa Weather Summary

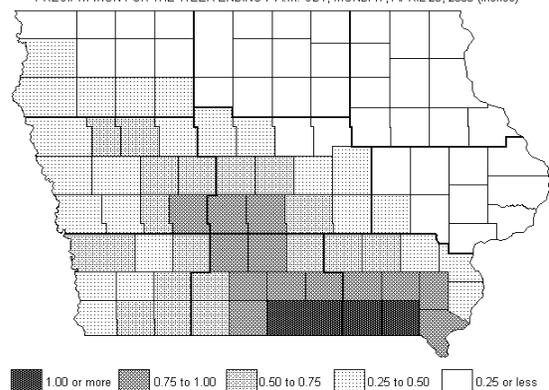
The past reporting week brought seasonal temperatures with much less day-to-day variability than has been experienced so far this year. The past work week began with daytime temperatures in the 50's and 60's on Monday (21st) with the week's lowest temperatures reported Tuesday (22nd) morning when Anamosa and Spencer recorded lows of 27 degrees. Afternoon temperatures in the 60's prevailed in most areas on Tuesday and Wednesday (23rd) while increased cloudiness held highs down to the 50's and lower 60's on Thursday (24th). Daytime temperatures in the 70's were common on Friday (25th), Saturday (26th) and Sunday (27th) with Waterloo reaching 80 degrees on Sunday afternoon. Temperatures for the week as a whole averaged from 3.1 degrees below normal at Burlington to 3.4 degrees above normal at Waterloo.

Most of the week's precipitation fell over the southwest two-thirds of the state between late Wednesday (23rd) night and Friday (25th) morning. A second area of mostly light rainfall was just moving through central and southwest Iowa early Monday (28th) morning. Rainfall totals for the week varied from none over most of the northeast one-third of Iowa up to 1.56 inches at Bloomfield and 1.42 inches at Allerton. The statewide average precipitation was 0.37 inches or a little less than one-half of the weekly normal of 0.79 inches.

Statewide Crop Conditions as of April 27, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	1	9	40	44	6

PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MONDAY, APRIL 28, 2003 (inches)



Field Work and Crop Progress as of April 27, 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	Percent	Percent	Percent	Percent
Fertilizer application completed (including fall work)	67	79	71	88	86	87	87	87	89	81	70	85	77
Seedbed, primary preparation completed (including fall work)	61	69	59	71	73	63	75	69	80	68	54	77	73
Corn planted	28	48	14	24	26	37	27	21	18	28	3	30	19
Oats planted	78	95	87	98	96	99	98	94	94	93	78	96	81
Oats emerged	41	45	24	46	54	67	74	67	68	50	19	59	43

Days Suitable & Soil Moisture Condition as of April 27, 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	Days	Days
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Days suitable	4.7	4.7	5.1	4.5	4.1	5.2	3.5	2.6	2.9	4.3	3.2	3.7
Topsoil moisture												
Very short	0	1	2	0	8	2	1	0	1	2	5	4
Short	17	21	25	4	12	32	14	14	20	17	21	16
Adequate	80	76	68	92	73	66	83	82	77	78	70	69
Surplus	3	2	5	4	7	0	2	4	2	3	4	11
Subsoil moisture												
Very short	2	1	6	5	20	6	16	21	21	10	16	8
Short	20	25	36	19	14	36	39	50	53	31	33	31
Adequate	72	70	53	76	64	58	44	29	25	57	49	56
Surplus	6	4	5	0	2	0	1	0	1	2	2	5

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, April 27, 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	75	28	51	3	0.06	-0.64	0.81	-1.70	25	7
Sioux Center	76	32	56	4	0.51	-0.10	2.08	-0.11	42	11
Spencer	76	27	52	2	0.04	-0.66	1.62	-0.79	28	4
Spirit Lake	74	35	52	4	0.09	-0.53	0.90	-1.29	26	-10
North Central District										
Britt	75	33	51	-1	0.92	0.15	2.42	-0.27	19	-9
Humboldt	75	36	51	-2	0.15	-0.62	2.43	-0.28	20	-5
Mason City	75	29	51	2	0.03	-0.73	1.44	-1.19	22	-1
Northwood	76	31	50	2	0.04	-0.72	2.28	-0.39	19	-1
North East District										
Decorah	77	28	52	0	0.05	-0.79	2.02	-1.03	22	-6
Dubuque	67	33	50	-2	0.11	-0.80	1.31	-2.02	10	-16
Elkader	71	28	49	-3	0.03	-0.78	2.62	-0.23	9	-32
Independence	73	28	49	-2	0.01	-0.83	1.22	-1.77	11	-32
Waterloo	75	30	53	2	0.01	-0.83	2.00	-0.94	30	0
West Central District										
Audubon	71	29	49	-6	0.59	-0.24	2.32	-0.57	7	-31
Carroll	74	32	51	-2	0.53	-0.31	2.30	-0.64	15	-15
Castana	73	41	54	-1	0.42	-0.28	1.23	-1.19	34	5
Guthrie Center	73	29	51	-2	0.69	-0.13	2.46	-0.46	17	-15
Harlan	73	35	52	-2	0.33	-0.46	1.99	-0.75	25	-7
Jefferson	75	37	52	1	0.62	-0.22	2.97	0.03	24	-6
Logan	74	32	52	-3	0.32	-0.44	2.15	-0.41	22	-16
Rockwell City	71	36	51	-3	0.48	-0.24	2.38	-0.10	20	-14
Sioux City	77	28	54	1	0.40	-0.20	1.83	-0.23	39	1
Central District										
Ames	74	31	52	2	0.49	-0.35	2.41	-0.54	23	-3
Boone	75	33	53	1	0.66	-0.18	3.53	0.56	27	-4
Des Moines	73	38	55	1	0.90	0.07	2.75	-0.28	36	-4
Eldora	76	32	52	2	0.09	-0.70	2.38	-0.40	26	-1
Marshalltown	73	30	52	0	0.16	-0.61	1.00	-1.85	25	-4
Newton	73	34	51	-3	0.67	-0.16	1.93	-0.96	17	-17
Perry	74	33	52	1	0.85	0.06	2.94	0.16	21	-8
Toledo	72	31	51	-1	0.31	-0.52	1.66	-1.22	17	-9
East Central District										
Cedar Rapids	71	34	52	-2	0.05	-0.72	1.32	-1.54	19	-12
Davenport	68	33	51	-3	0.04	-0.74	1.69	-1.23	16	-20
Iowa City	72	31	52	-4	0.26	-0.65	1.87	-1.43	21	-22
Lowden	70	30	49	-3	0.07	-0.84	1.34	-2.02	9	-24
Maquoketa	70	30	49	-3	0.10	-0.67	1.31	-1.57	7	-20
Muscatine	69	39	52	-3	0.08	-0.76	1.73	-1.41	20	-5
South West District										
Clarinda	71	32	52	-3	0.63	-0.23	3.01	0.01	19	-16
Glenwood	74	35	53	-2	0.35	-0.44	2.54	-0.04	28	-13
Oakland	72	33	51	-2	0.52	-0.23	2.57	-0.08	16	-15
Red Oak	72	34	52	-4	0.46	-0.41	2.06	-1.03	21	-24
Sidney	71	42	54	-1	0.47	-0.33	2.17	-0.63	35	-7
South Central District										
Allerton	69	35	51	-4	1.42	0.58	4.25	1.28	13	-5
Beaconsfield	69	31	51	-2	0.87	0.05	3.25	0.32	18	-14
Chariton	71	29	50	-4	0.81	-0.07	2.80	-0.37	9	-23
Indianola	73	34	52	-2	0.97	0.06	3.15	-0.04	19	-17
Leon	71	30	50	-4	1.07	0.16	3.59	0.45	6	-27
South East District										
Bloomfield	71	37	53	-4	1.56	0.70	4.41	1.29	25	-20
Burlington	68	35	52	-4	0.54	-0.30	2.66	-0.47	21	-21
Ottumwa	72	33	52	-3	0.82	-0.01	2.89	-0.04	23	-18

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.