

# Iowa Crops & Weather



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For the week ending April 10, 2005

## Spring Fieldwork Progresses

Agricultural Summary: Predominately warm, dry conditions enabled farmers to make strides in spring fieldwork activities. Field work activities included applying anhydrous, disking or leveling corn stalk residue, tilling and planting oats. A few areas reported **corn planting**, but the overall state average was negligible.

There were 5.3 **days suitable for fieldwork**, compared to the previous week at 3.5 days. **Topsoil moisture** rated 3 percent very short, 17 percent short, 76 percent adequate, and 4 percent surplus across Iowa. **Subsoil moisture** rated 2 percent very short, 16 percent short, 76 percent adequate, and 6 percent surplus. Soil moisture ratings were similar to last week and compared to a year ago.

Field Crops Report: **Oat seedings** were 73 percent complete, ahead of both last year's progress of 57 percent and the five-year average of 46 percent. **Oat emergence**, at 9 percent, was above both last year and the five-year average. A few areas reported **corn planting**, but the overall state average was negligible. **Primary seedbed preparations** were 55 percent complete, while **fertilizer applications** were 73 percent complete.

Livestock, Pasture, and Range Report: Calving was well under way with few losses. Favorable weather conditions during calving made for a smooth calving season. **Pasture and range** condition rated 3 percent very poor, 10 percent poor, 31 percent fair, 50 percent good, and 6 percent excellent. Pasture and range condition improved from the previous week. Some areas reported cattle turned to pasture.

## Iowa Weather Summary

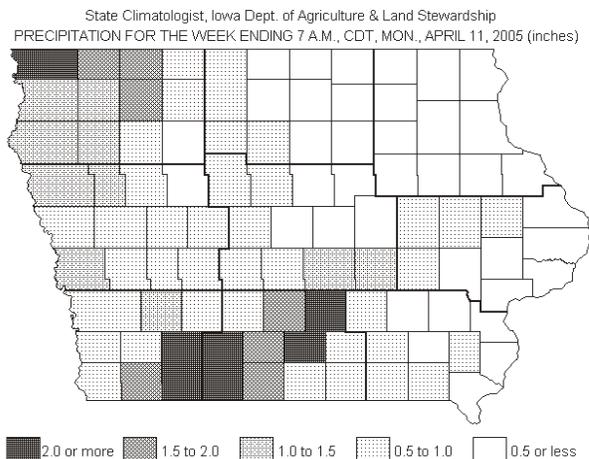
It was exceptionally mild week across Iowa with temperatures more typical of late May than of early April. The past work week began with daytime highs mostly in the low 80's on Monday (4th) and in the 70's on Tuesday (5th). Highs on Wednesday (6th) varied from the upper 50's northwest to the mid 70's east. Thursday (7th) brought daytime temperatures in the 60's with 70's common by Saturday (9th). On Sunday (10th) highs were in the low 70's northwest to low 80's southeast. Temperatures for the week as a whole averaged 15.3 degrees above normal. Temperature extremes varied from Monday (4th) afternoon highs of 83 degrees at Glenwood, Iowa City and Pocahontas to a Friday (8th) morning low of 28 degrees at Anamosa.

Showers and thunderstorms covered most of the southeast one-half of Iowa on Wednesday (6th) while locally heavy rain also affected a small portion of far northwest Iowa. Another period of showers and thunderstorms began Sunday (10th) morning in northwest Iowa and was moving across central portions of the state by daybreak on Monday (11th). No precipitation was recorded during the week at several northeast Iowa locations such as Northwood, Osage, Cresco and Fayette. However, a few areas received substantial rainfall such as 4.31 inches at the Spencer Airport, 3.30 inches at Rock Rapids and 2.90 inches at Columbia (Marion Co.). The statewide average precipitation for the week was 0.76 inches, just slightly in excess of the weekly normal of 0.73 inches.

Finally, soil temperatures as of Sunday (10th) were averaging in the upper 50's northwest to lower 60's southeast.

### Statewide Crop Conditions as of April 10, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	3	10	31	50	6



### Field Work and Crop Progress as of April 10, 2005

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	61	75	57	75	77	80	88	79	78	73	56	64	59	
Seedbed, primary preparation completed	43	43	41	63	60	61	65	69	67	55	34	45	47	
Oats planted	65	60	63	81	71	81	85	82	80	73	33	57	46	
Oats emerged	2	1	5	11	9	7	10	17	22	9	NA	2	0	

NA = Not Available

### Days Suitable & Soil Moisture Condition as of April 10, 2005

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	4.7	4.3	6.0	6.3	5.7	5.7	5.0	4.4	5.0	5.3	3.5	6.2	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	4	1	6	1	6	6	0	0	3	3	5	
Short	5	14	19	23	26	23	24	11	7	17	14	20	
Adequate	88	79	72	70	72	70	68	81	90	76	77	72	
Surplus	7	3	8	1	1	1	2	8	3	4	6	3	
Subsoil moisture													
Very short	0	2	2	5	1	1	5	1	1	2	3	8	
Short	10	13	18	28	20	8	21	20	11	16	19	24	
Adequate	80	78	74	67	77	91	71	68	75	76	73	66	
Surplus	10	7	6	0	2	0	3	11	13	6	5	2	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, April 10, 2005**

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			PRECIPITATION	PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
<b>North West District</b>										
Estherville	80	34	57	17	0.05	-0.57	0.05	-0.81	57	54
Sioux Center	80	36	59	15	0.15	-0.41	0.15	-0.63	66	52
Spencer	82	37	60	18	3.79	3.22	3.79	2.98	73	66
Spirit Lake	78	38	57	17	0.35	-0.21	0.35	-0.42	52	38
<b>North Central District</b>										
Britt	80	36	58	15	0.00	-0.65	0.00	-0.90	59	51
Humboldt	80	39	58	14	0.00	-0.66	0.00	-0.93	56	49
Mason City	82	32	58	17	0.17	-0.46	0.17	-0.71	62	55
Northwood	79	34	56	16	0.00	-0.64	0.00	-0.91	46	43
<b>North East District</b>										
Decorah	79	31	59	16	0.00	-0.74	0.03	-1.00	64	57
Dubuque	79	37	59	16	0.55	-0.29	0.55	-0.63	67	59
Elkader	81	30	56	12	0.08	-0.61	0.08	-0.88	45	26
Independence	80	35	58	16	0.39	-0.33	0.39	-0.61	56	35
Waterloo	80	33	60	16	0.00	-0.71	0.00	-1.00	71	62
<b>West Central District</b>										
Audubon	79	31	56	10	0.00	-0.70	0.00	-0.98	43	26
Carroll	81	35	58	14	0.00	-0.70	0.00	-0.99	57	46
Castana	79	36	58	12	0.00	-0.58	0.00	-0.82	60	51
Guthrie Center	82	29	58	13	0.00	-0.70	0.00	-1.00	61	47
Harlan	80	37	59	12	0.00	-0.65	0.00	-0.92	62	50
Jefferson	81	36	59	15	0.00	-0.70	0.00	-0.99	66	55
Logan	80	34	59	12	0.25	-0.36	0.25	-0.60	61	45
Rockwell City	81	34	57	12	0.00	-0.59	0.00	-0.83	49	35
Sioux City	82	37	62	16	0.36	-0.13	0.36	-0.34	81	66
<b>Central District</b>										
Ames	80	32	60	17	0.00	-0.71	0.00	-0.99	74	67
Boone	81	36	58	13	0.00	-0.71	0.00	-1.01	58	45
Des Moines	82	40	63	17	0.19	-0.57	0.19	-0.87	94	77
Eldora	80	37	59	16	0.00	-0.67	0.00	-0.94	64	57
Marshalltown	80	34	61	17	0.01	-0.69	0.01	-0.99	79	69
Newton	80	39	59	13	0.44	-0.26	0.44	-0.53	62	48
Perry	82	35	59	15	0.00	-0.67	0.00	-0.94	62	53
Toledo	79	38	59	15	0.10	-0.60	0.10	-0.87	63	55
<b>East Central District</b>										
Cedar Rapids	81	39	60	16	1.13	0.43	1.13	0.13	73	62
Davenport	82	33	60	14	0.03	-0.71	0.03	-1.01	75	61
Iowa City	83	36	62	14	0.17	-0.64	0.17	-0.97	84	66
Lowden	81	31	58	13	0.31	-0.52	0.31	-0.85	56	43
Maquoketa	80	34	57	12	0.18	-0.53	0.18	-0.83	48	39
Muscatine	80	40	59	12	0.03	-0.74	0.03	-1.07	65	58
<b>South West District</b>										
Clarinda	80	33	58	12	1.49	0.78	1.49	0.48	60	47
Glenwood	83	33	60	13	0.00	-0.60	0.00	-0.84	72	55
Oakland	79	33	58	14	0.00	-0.63	0.00	-0.90	61	52
Red Oak	80	30	59	10	0.04	-0.71	0.04	-1.01	62	42
Sidney	79	41	59	11	0.30	-0.39	0.30	-0.66	61	44
<b>South Central District</b>										
Allerton	78	37	57	10	0.65	-0.07	0.65	-0.37	52	48
Beaconsfield	79	37	57	11	1.46	0.75	1.46	0.45	53	39
Chariton	80	31	56	10	1.48	0.70	1.48	0.39	47	33
Indianola	80	36	58	12	1.17	0.40	1.17	0.10	62	47
Leon	82	32	58	12	1.10	0.35	1.10	0.05	62	48
<b>South East District</b>										
Bloomfield	80	36	58	10	0.54	-0.23	0.54	-0.55	61	39
Burlington	82	40	63	15	0.41	-0.36	0.41	-0.69	90	71
Ottumwa	81	36	60	12	0.61	-0.09	0.61	-0.39	69	51

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 2005: AWIS, Inc. All Rights Reserved.