

# Iowa Crops & Weather



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For the week ending April 25, 2004

## Iowa Welcomes Much Needed Rain

Agricultural Summary: Iowa received much needed rain this past week, easing concerns for moisture. Despite the rain, corn planting continued at an accelerated rate. Corn was emerging in scattered areas. Soybeans were planted in isolated areas.

There were 2.7 days suitable for fieldwork, compared to the previous week at 6.6 days. Topsoil moisture rated 1 percent very short, 9 percent short, 79 percent adequate, and 11 percent surplus across Iowa. Subsoil moisture rated 6 percent very short, 21 percent short, 70 percent adequate, and 3 percent surplus. Soil moisture ratings were more favorable this week compared to a year ago.

Field Crops Report: Oat seedings were 97 percent complete ahead of last year's progress of 89 percent and the 5-year average of 85 percent. Oat emergence was 47 percent, above last year's 41 percent, and just ahead of the 5-year average of 45 percent. Corn planted was 36 percent, ahead of last year's progress of 21 percent and ahead of the 5-year average of 16 percent. Primary seedbed preparations were 74 percent complete, while fertilizer applications were 87 percent complete.

Livestock, Pasture and Range Report: Calving was well under way with few losses reported. There were some reports of scours.

Pasture and range conditions improved from the previous week to 1 percent very poor, 14 percent poor, 31 percent fair, 46 percent good, and 8 percent excellent.

## Iowa Weather Summary

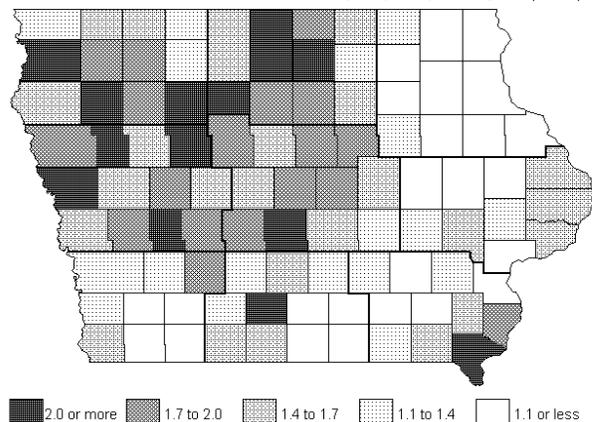
A pair of storm systems brought rain statewide this past week. The first storm deposited a statewide average of 0.80 inches of rain from early Tuesday (20th) morning through Wednesday (21st) morning. The second event began on Saturday (24th) morning and exited northeast Iowa on Sunday (25th) and brought an average of 0.67 inches of rain to Iowa. Rainfall totals for the week varied from 0.57 inches at Promise City in Wayne County to 3.21 inches at Johnston. The statewide average precipitation for the week was 1.48 inches while normal is 0.84 inches.

Seasonal temperatures prevailed throughout the week. Shenandoah reported the highest temperature with a 77 degree reading on Tuesday (20th) while 32 degree minimums were reported from Estherville on Saturday (24th) morning and at Sibley on Monday (26th) morning. Temperatures for the week as a whole averaged from 2.7 degrees above normal at Lamoni to 1.7 degrees subnormal at Dubuque. Statewide temperatures for the week averaged 0.3 degrees above normal. Finally, soil temperatures were averaging in the low fifties statewide as of Sunday (25th).

### Statewide Crop Conditions as of April 25, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	1	14	31	46	8

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., APR. 26, 2004 (inches)



### Field Work and Crop Progress as of April 25, 2004

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)	79	87	81	89	88	92	93	89	86	87	80	78	78	
Seedbed, primary preparation completed (including fall work)	72	71	64	79	79	72	81	75	78	74	66	63	71	
Corn planted	29	36	14	32	48	28	62	42	48	36	19	21	16	
Oats emerged	27	55	44	39	55	54	67	45	47	47	13	41	45	

### Days Suitable & Soil Moisture Condition as of April 25, 2004

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	1.0	1.8	3.5	2.6	2.8	3.2	4.5	3.5	2.8	2.7	6.6	4.0	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	2	0	0	2	1	1	2	0	0	1	11	3	
Short	6	12	11	11	7	6	6	6	19	9	34	18	
Adequate	73	78	77	67	86	89	89	79	78	79	54	76	
Surplus	19	10	12	20	6	4	3	15	3	11	1	3	
Subsoil moisture													
Very short	8	15	7	2	3	0	2	9	5	6	10	12	
Short	23	22	25	18	16	11	22	21	31	21	29	32	
Adequate	67	59	65	76	76	86	72	69	63	70	59	54	
Surplus	2	4	3	4	5	3	4	1	1	3	2	2	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, April 25, 2004**

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	86	32	51	3	1.56	0.86	1.56	-0.77	14	-3
Sioux Center	84	36	53	2	2.40	1.80	2.40	0.37	24	-6
Spencer	87	37	53	3	1.81	1.12	1.81	-0.42	22	-1
Spirit Lake	63	35	49	2	1.24	0.63	1.73	-0.30	3	-31
North Central District										
Britt	81	37	50	-2	1.93	1.16	1.95	-0.55	14	-12
Humboldt	83	41	52	0	2.73	1.96	2.73	0.22	20	-4
Mason City	83	33	50	1	3.11	2.36	3.16	0.72	17	-4
Northwood	81	37	51	3	2.01	1.26	2.14	-0.33	14	-4
North East District										
Decorah	80	34	51	0	1.41	0.57	1.82	-1.02	15	-11
Dubuque	77	33	51	1	0.95	0.04	1.17	-1.92	22	-3
Elkader	79	36	51	0	0.95	0.15	1.54	-1.10	16	-23
Independence	78	35	51	1	0.84	0.00	1.15	-1.63	17	-24
Waterloo	82	35	52	0	1.03	0.20	1.27	-1.46	20	-8
West Central District										
Audubon	84	40	54	0	1.49	0.67	1.54	-1.14	32	-5
Carroll	82	40	54	3	2.03	1.19	2.14	-0.59	28	0
Castana	83	41	53	-1	1.73	1.04	1.73	-0.51	28	1
Guthrie Center	78	36	54	2	1.93	1.12	2.18	-0.52	27	-4
Harlan	79	41	54	2	1.75	0.97	1.75	-0.78	32	1
Jefferson	81	42	55	4	1.64	0.80	1.90	-0.83	37	9
Logan	83	42	56	3	1.09	0.34	1.09	-1.28	45	8
Rockwell City	82	40	53	0	2.31	1.60	2.31	0.02	23	-9
Sioux City	89	40	54	1	1.37	0.78	1.37	-0.53	33	-3
Central District										
Ames	78	39	54	4	1.71	0.87	2.14	-0.60	28	3
Boone	78	40	54	3	1.54	0.70	2.20	-0.55	31	1
Des Moines	80	43	56	3	1.99	1.15	1.99	-0.83	42	4
Eldora	80	41	53	2	1.75	0.97	2.01	-0.56	22	-3
Marshalltown	80	35	53	3	1.97	1.20	2.19	-0.45	26	-1
Newton	80	40	53	1	1.73	0.91	3.25	0.57	27	-5
Perry	78	41	54	3	1.80	1.02	2.15	-0.42	31	4
Toledo	80	37	52	1	1.05	0.23	1.17	-1.50	19	-6
East Central District										
Cedar Rapids	81	38	54	2	0.85	0.08	0.99	-1.66	29	-1
Davenport	80	39	55	3	1.27	0.49	1.34	-1.37	44	10
Iowa City	80	40	55	0	1.68	0.77	1.78	-1.28	38	-3
Lowden	82	35	54	3	1.34	0.43	1.40	-1.72	31	0
Maquoketa	80	35	52	2	1.33	0.56	1.40	-1.27	24	-1
Muscatine	79	39	56	2	1.10	0.26	1.21	-1.70	47	23
South West District										
Clarinda	75	42	56	3	0.74	-0.11	0.74	-2.03	43	10
Glenwood	80	42	57	4	1.37	0.60	1.44	-0.94	53	14
Oakland	78	42	55	4	1.85	1.11	1.85	-0.60	39	10
Red Oak	78	43	57	2	0.90	0.04	0.94	-1.92	50	7
Sidney	76	44	57	3	2.04	1.25	2.10	-0.49	51	11
South Central District										
Allerton	76	40	55	3	0.74	-0.10	0.74	-2.01	39	22
Beaconsfield	76	42	55	3	1.35	0.54	1.55	-1.16	37	6
Chariton	79	39	56	4	0.78	-0.09	1.06	-1.88	42	11
Indianola	79	43	56	3	1.71	0.80	1.71	-1.25	42	8
Leon	76	43	56	5	1.70	0.80	1.70	-1.21	45	14
South East District										
Bloomfield	75	39	56	1	1.14	0.29	1.14	-1.75	43	0
Burlington	81	41	59	5	1.74	0.90	1.74	-1.16	64	24
Ottumwa	80	39	56	3	0.88	0.06	0.88	-1.83	46	7

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 2004: AWIS, Inc. All Rights Reserved.