



# Iowa Crops & Weather

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## INSECT AND FUNGICIDE TREATMENTS CONTINUE

Another week of thunderstorms and cool temperatures last week kept farmers busy treating fields for soybean aphids and other diseases. Cool, damp conditions continue to keep crop development behind schedule. Corn and soybeans conditions are still rated mostly good to excellent; however, concerns are growing over the possibility of an early frost. Hay producers are making their final efforts in putting up quality hay before fall arrives.

There were 3.7 days suitable for fieldwork during the week, compared to the five-year average of 4.8 days. Topsoil moisture rated 0 percent very short, 5 percent short, 83 percent adequate, and 12 percent surplus across the state. Subsoil moisture rated 1 percent very short, 6 percent short, 82 percent adequate, and 11 percent surplus.

**Field Crops Report:** Nearly all of the corn crop has silked. Corn at or beyond the milk stage reached 90 percent, 5 percentage points ahead of last year, but 4 days behind the five-year average. Corn reported at or beyond the dough stage reached 49 percent, 1 percentage point behind last year, and 9 days behind the five-year average. Corn reported at or beyond the dent stage reached 10 percent, 2 percentage points behind last year, and 10 days behind the five-year average. Corn condition was rated 2 percent very poor, 5 percent poor, 14 percent fair, 51 percent good, and 28 percent excellent.

Soybeans reached 99 percent blooming with 94 percent setting pods. Soybeans blooming are 1 percentage point ahead of last year, but 1 percentage point behind the five-year average. Soybeans setting pods are ahead of last year by 6 percentage points, but 2 percentage points behind the five-year average. Soybean condition was rated 2 percent very poor, 4 percent poor, 15 percent fair, 56 percent good, and 23 percent excellent.

Alfalfa second cutting has reached 97 percent complete, 2 percentage points behind the five-year average, but 2 percentage points ahead of last year. Alfalfa third cutting has reached 42 percent complete, 16 percentage points

behind the five-year average, but 11 percentage points ahead of last year. All hay condition was rated 2 percent very poor, 10 percent poor, 27 percent fair, 48 percent good, and 13 percent excellent.

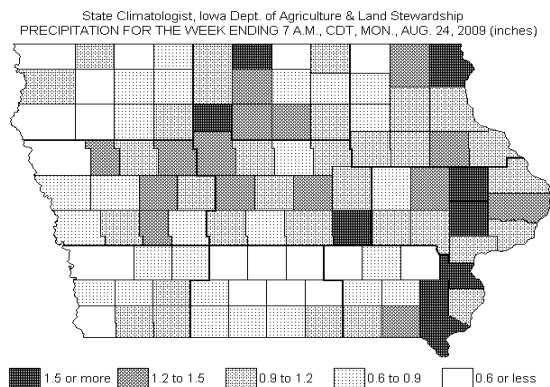
**Livestock, Pasture and Range Report:** Pasture and range condition rated 1 percent very poor, 6 percent poor, 23 percent fair, 53 percent good, and 17 percent excellent. Gains for cattle on feed were modest as cool temperatures returned to the State.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

It was a cool week across Iowa with near normal rainfall. The work week began with scattered showers and thunderstorms over the southeast one-half of the state on Monday (17<sup>th</sup>). Tuesday (18<sup>th</sup>) was dry while most of the week's rain came on Wednesday (19<sup>th</sup>) when thunderstorms rumbled statewide. Isolated severe weather, in the form of high winds, hail and tornadoes, were reported from parts of 11 counties on Wednesday afternoon and evening. Showers and thunderstorms were scattered across Iowa again on Thursday (20<sup>th</sup>) and over the northeast three-fourths of the state on Friday (21<sup>st</sup>). Dry weather prevailed over the weekend. Weekly rain totals varied from 0.21 inches at Sidney in the far southwest to 4.14 inches at Waukon in the far northeast. The statewide average precipitation was 0.98 inches or about the same as the normal of 0.95 inches. Daytime high temperatures ranged from the mid 70's northeast to low 80's west on Monday (17<sup>th</sup>), Tuesday, Wednesday and Sunday (23<sup>rd</sup>). Highs were in the 70's statewide on Thursday and Saturday but managed only the upper 60's northeast to low 70's southwest on Friday. Temperature extremes ranged from afternoon highs of 83 degrees at Ankeny, Bedford and Sioux City on Tuesday and also at Shenandoah and Sidney on Wednesday to Sunday (23<sup>rd</sup>) morning lows of 45 degrees at Belle Plaine, Cresco and Mason City. The statewide average temperature was 4.8 degrees below normal for the week.

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	5	14	51	28
Soybeans	2	4	15	56	23
Hay, all	2	10	27	48	13
Range & Pasture	1	6	23	53	17

## PRELIMINARY IOWA PRECIPITATION



## Field Work and Crop Progress as of August 23, 2009

Item	Districts										State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE					
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn in or past milk stage	91	90	79	95	93	93	91	80	93	90	74	85	94	
Corn in or past dough stage	44	50	36	56	60	37	71	44	44	49	27	50	72	
Corn in or past dent stage	7	7	2	13	11	10	23	12	11	10	3	12	34	
Soybeans setting pods	95	93	98	99	94	97	90	78	88	94	89	88	96	
Hay, alfalfa - third crop harvested	75	51	54	57	48	34	39	21	35	42	32	31	58	

## Days Suitable & Soil Moisture Condition as of August 23, 2009

Item	Districts										State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
Days suitable	4.4	4.1	3.0	4.1	3.5	3.0	4.4	3.1	3.4	3.7	4.9	6.2	
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	
Topsoil moisture													
Very short	0	2	0	0	1	0	0	0	0	0	1	6	
Short	10	11	2	4	6	0	9	2	1	5	9	25	
Adequate	89	85	78	86	82	78	81	87	80	83	79	65	
Surplus	1	2	20	10	11	22	10	11	19	12	11	4	
Subsoil moisture													
Very short	0	2	0	0	1	0	0	1	0	1	1	2	
Short	9	13	2	3	8	1	13	4	1	6	7	15	
Adequate	90	81	82	89	81	76	71	85	79	82	83	75	
Surplus	1	4	16	8	10	23	16	10	20	11	9	8	

**Weather Summary For National Agricultural Statistics Service, Iowa Field Office  
For the week ending: Sunday, August 23, 2009, Prepared by AWIS, Inc.**

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	78	48	64	-5	0.64	-0.20	13.78	-2.59	99	-28
Sioux Center	81	50	66	-5	0.92	0.15	15.24	-1.02	115	-28
Spencer	81	47	65	-5	0.41	-0.50	13.68	-3.57	109	-27
Spirit Lake	78	52	66	-4	0.46	-0.38	14.37	-1.91	111	-45
North Central District										
Britt	78	52	64	-6	1.31	0.54	19.51	1.51	101	-40
Humboldt	79	50	64	-6	1.11	0.27	19.24	0.73	103	-40
Mason City	78	45	64	-6	0.74	-0.18	17.46	-1.39	98	-36
Osage	77	50	64	-6	0.82	-0.23	18.64	-0.51	99	-52
North East District										
Decorah	80	46	65	-6	2.25	1.34	22.38	3.92	103	-38
Dubuque	80	49	65	-5	1.35	0.26	22.45	2.92	110	-24
Elkader	81	46	65	-5	1.64	0.66	22.93	4.47	106	-50
Fayette	81	48	65	-5	1.43	0.45	27.04	7.66	106	-30
Waterloo	81	48	67	-4	0.97	0.20	22.25	2.83	119	-18
West Central District										
Carroll	80	52	65	-6	1.95	1.11	21.34	1.60	107	-36
Castana	79	52	65	-8	1.58	0.74	18.95	1.70	105	-36
Guthrie Center	82	47	66	-6	0.67	-0.31	19.20	0.12	116	-32
Harlan	80	51	65	-7	1.06	0.25	21.27	3.13	107	-33
Jefferson	79	50	65	-6	0.74	-0.10	19.49	-0.25	105	-38
Logan	82	49	66	-6	0.94	0.17	20.97	3.11	114	-40
Rockwell City	79	51	65	-7	1.56	0.72	18.56	-0.04	104	-43
Sac City	78	50	64	-7	0.74	-0.14	17.24	-0.97	98	-44
Sioux City	83	50	67	-5	0.27	-0.39	14.91	-0.25	123	-32
Central District										
Boone	79	51	66	-5	2.11	1.20	20.71	0.90	114	-29
Des Moines	84	55	70	-4	0.74	-0.24	18.75	0.37	145	-19
Grundy Center	80	48	66	-4	1.77	0.93	26.52	7.34	112	-18
Marshalltown	80	48	66	-4	1.29	0.24	17.52	-2.20	112	-24
Newton	82	52	68	-4	2.11	1.22	20.38	1.76	126	-24
Perry	81	51	66	-4	1.43	0.52	19.24	0.41	116	-25
Toledo	83	48	67	-4	1.04	0.00	19.26	-0.78	117	-22
East Central District										
Cedar Rapids	80	50	66	-6	2.75	1.84	25.00	6.50	113	-31
Davenport	81	49	68	-5	2.12	1.14	25.54	7.17	127	-29
Iowa City	82	52	68	-6	1.42	0.44	21.56	1.09	128	-35
Maquoketa	83	46	67	-4	2.81	1.76	25.88	5.38	117	-28
Maquoketa	81	49	66	-5	1.63	0.60	22.84	4.39	112	-26
Muscatine	80	50	68	-5	2.05	1.19	26.64	7.50	131	-5
South West District										
Atlantic	81	48	67	-5	0.74	-0.07	25.89	8.49	117	-26
Clarinda	82	48	66	-7	1.33	0.34	19.86	-0.99	113	-39
Glenwood	82	51	67	-6	0.75	-0.15	20.98	1.94	121	-37
Red Oak	82	51	68	-7	1.16	0.18	18.80	-1.76	123	-41
Sidney	83	55	68	-5	0.21	-0.71	15.81	-3.74	130	-30
South Central District										
Allerton	80	51	66	-7	1.26	0.30	25.79	6.37	111	-12
Beaconsfield	78	52	66	-6	1.38	0.47	25.50	6.61	116	-37
Chariton	81	47	67	-5	1.41	0.50	26.64	6.91	122	-30
Indianola	81	49	67	-5	0.86	-0.03	22.91	3.87	119	-31
Leon	81	49	68	-5	1.63	0.58	21.98	2.30	125	-30
South East District										
Bloomfield	79	51	68	-6	2.45	1.41	27.71	8.01	123	-36
Burlington	81	53	69	-4	4.02	3.15	28.48	10.06	137	-20
Ottumwa	81	49	68	-6	3.32	2.47	26.02	7.70	127	-35
Washington	81	48	68	-6	1.41	0.57	24.45	6.45	124	-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 2009: AWIS, Inc. All Rights Reserved.

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