



Iowa Crops & Weather

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SOYBEAN DISEASE AND COOL TEMPERATURES CAUSE CONCERN

Iowa again experienced cool temperatures and widespread rainfall last week. Soybean diseases such as sudden death syndrome and white mold have been reported throughout the State. The cool temperatures continue to keep crops from reaching maturity and increase the chances for fungal disease. While heat units are needed, corn and soybeans are still rated in mostly good to excellent condition. Livestock welcomed the cool temperatures, although feedlots continue to struggle with muddy pens.

There were 3.9 days suitable for fieldwork during the week, compared to the five-year average of 4.9 days. Topsoil moisture rated 1 percent very short, 6 percent short, 71 percent adequate, and 22 percent surplus across the state. Subsoil moisture rated 1 percent very short, 7 percent short, 69 percent adequate, and 23 percent surplus.

Field Crops Report: Corn at or beyond the milk stage reached 95 percent, 3 percentage points ahead of last year, but 5 days behind the five-year average. Corn reported at or beyond the dough stage reached 74 percent, 2 percentage points ahead of last year, but 6 days behind the five-year average. Corn reported at or beyond the dent stage reached 28 percent, 2 percentage points behind last year, and 10 days behind the five-year average. Corn condition was rated 3 percent very poor, 6 percent poor, 15 percent fair, 49 percent good, and 27 percent excellent.

Nearly all the soybeans are at or beyond the blooming stage with 97 percent setting pods. Soybeans setting pods are ahead of last year by 3 percentage points, but 1 percentage point behind the five-year average. Soybean leaves turning color reached 5 percent, 3 percentage points behind last year, and 13 percentage points behind the five-year average. Soybean condition was rated 2 percent very poor, 5 percent poor, 17 percent fair, 56 percent good, and 20 percent excellent.

Nearly all Alfalfa second cutting is complete. Alfalfa third cutting has reached 55 percent complete, 16 percentage points behind the five-year average, but 8 percentage points ahead of last year. All hay condition was rated 3 percent very poor, 10 percent poor, 27 percent fair, 49 percent good, and 11 percent excellent.

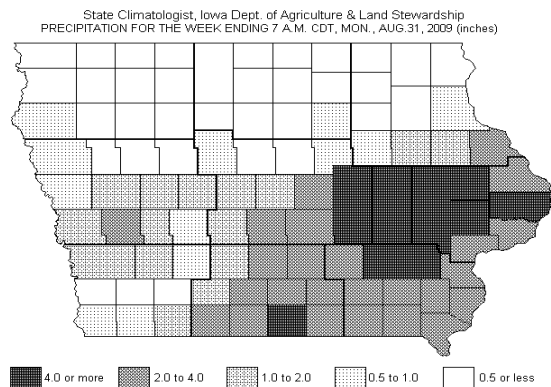
Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 8 percent poor, 23 percent fair, 52 percent good, and 16 percent excellent. Cattle on pasture continue to gain well as cool temperatures reduced stress levels and abundant rainfall kept forage growth steady throughout the summer.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

The major weather story of the past week was a period of heavy rain over much of the southeast one-half of Iowa from Tuesday (25th) night through Thursday (27th) evening. Widespread flooding occurred, particularly in the Cedar Rapids area with storm totals of 8.50 inches of rain at Monticello and 7.07 inches at the Cedar Rapids Airport. However, little or no rain fell across parts of northwest and north central Iowa where Algona, Mason City, Cresco and Osage had only sprinkles. After a few isolated showers on Friday (28th) night over the north the rest of the weekend was dry statewide. The statewide average precipitation was 1.74 inches or nearly double the weekly normal of 0.91 inches. Temperatures were near normal on Monday (24th) and Tuesday (25th) but became increasingly cool through the remainder of the week. Afternoon highs were mostly in the mid 70's to mid 80's on Monday and Tuesday but only in the 60's on Saturday (29th) and Sunday (30th). Sioux City reported the highest temperature for the week with an 88 degree reading on Monday (24th). On the other extreme Sibley reported a morning low of 37 degrees on Sunday (30th) while Spencer dropped to 36 degrees on Monday (31st) morning. These were Iowa's lowest temperatures for so early in the season since August 21, 2004. Temperatures for the week as a whole averaged 4.2 degrees below normal.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	6	15	49	27
Soybeans	2	5	17	56	20
Hay, all	3	10	27	49	11
Range & Pasture	1	8	23	52	16

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of August 30, 2009

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					
Corn in or past milk stage	93	100	88	99	98	96	95	89	94	95	90	92	97	
Corn in or past dough stage	72	86	55	82	81	66	81	66	67	74	49	72	86	
Corn in or past dent stage	25	23	11	33	35	23	50	31	29	28	10	30	55	
Soybeans setting pods	97	100	99	100	97	98	95	89	95	97	94	94	98	
Soybean leaves turning color	3	3	6	5	8	4	3	9	3	5	0	8	18	
Hay, alfalfa - third crop harvested	84	80	64	66	64	42	67	30	52	55	42	47	71	

Days Suitable & Soil Moisture Condition as of August 30, 2009

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	5.5	5.0	3.8	4.0	3.2	2.3	4.1	2.6	2.7	3.9	3.7	5.8	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	3	2	0	0	1	0	0	0	0	1	0	10	
Short	19	13	4	3	4	0	10	1	1	6	5	27	
Adequate	78	84	80	91	67	61	66	48	46	71	83	60	
Surplus	0	1	16	6	28	39	24	51	53	22	12	3	
Subsoil moisture													
Very short	3	2	0	0	1	0	0	0	0	1	1	5	
Short	20	15	5	1	6	0	13	1	1	7	6	19	
Adequate	76	81	81	90	68	48	54	59	51	69	82	72	
Surplus	1	2	14	9	25	52	33	40	48	23	11	4	

Weather Summary
For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, August 30, 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	81	41	64	-3	0.52	-0.32	14.30	-2.91	100	-13
Sioux Center	84	42	65	-4	0.43	-0.34	15.67	-1.36	110	-20
Spencer	86	38	66	-3	0.36	-0.50	14.04	-4.07	110	-11
Spirit Lake	84	46	65	-2	0.23	-0.61	14.60	-2.52	106	-38
North Central District										
Britt	79	44	63	-6	0.12	-0.69	19.63	0.82	96	-33
Humboldt	80	44	64	-5	0.94	0.07	20.18	0.80	103	-25
Mason City	79	42	64	-4	0.02	-0.96	17.48	-2.35	98	-21
Osage	78	45	63	-5	0.00	-1.05	18.64	-1.56	92	-46
North East District										
Decorah	78	47	65	-4	0.04	-0.89	22.42	3.03	107	-22
Dubuque	77	50	64	-4	2.55	1.43	25.00	4.35	100	-22
Elkader	79	46	63	-5	0.41	-0.51	23.34	3.96	96	-49
Fayette	79	48	64	-5	0.24	-0.74	27.28	6.92	98	-25
Waterloo	81	48	66	-3	0.65	-0.13	22.90	2.70	115	-10
West Central District										
Carroll	83	45	65	-4	1.14	0.30	22.48	1.90	109	-20
Castana	82	46	65	-6	1.29	0.45	20.24	2.15	106	-23
Guthrie Center	81	44	66	-5	1.10	0.12	20.30	0.24	110	-25
Harlan	83	44	66	-5	3.07	2.15	24.34	5.28	112	-15
Jefferson	81	45	65	-4	1.42	0.58	20.91	0.33	108	-21
Logan	85	47	67	-4	0.62	-0.22	21.59	2.89	121	-20
Rockwell City	80	45	64	-6	0.38	-0.53	18.94	-0.57	102	-34
Sac City	82	44	64	-6	0.34	-0.57	17.58	-1.54	98	-30
Sioux City	88	47	69	-2	1.94	1.24	16.85	0.99	136	-4
Central District										
Boone	80	46	65	-5	0.71	-0.21	21.42	0.69	107	-24
Des Moines	84	49	69	-3	1.87	0.92	20.62	1.29	137	-12
Grundy Center	81	46	64	-3	0.72	-0.08	27.24	7.26	102	-16
Marshalltown	79	45	66	-3	1.95	0.90	19.47	-1.30	111	-12
Newton	82	46	65	-5	3.59	2.68	23.97	4.44	108	-30
Perry	83	45	66	-4	1.81	0.91	21.05	1.32	112	-16
Toledo	78	45	64	-5	5.05	4.07	24.31	3.29	98	-28
East Central District										
Cedar Rapids	79	46	65	-5	7.07	6.14	32.07	12.64	104	-28
Davenport	83	50	67	-5	4.37	3.45	29.91	10.62	118	-26
Iowa City	82	50	67	-5	2.86	1.88	24.42	2.97	118	-33
Lowden	83	47	64	-5	5.52	4.47	31.40	9.85	97	-37
Maquoketa	81	49	63	-6	3.46	2.41	26.30	6.80	92	-33
Muscatine	83	49	66	-6	3.61	2.70	30.25	10.20	112	-11
South West District										
Atlantic	83	43	66	-4	1.40	0.53	27.29	9.02	113	-17
Clarinda	82	45	66	-5	0.75	-0.30	20.61	-1.29	114	-26
Glenwood	84	46	67	-4	0.25	-0.66	21.23	1.28	122	-25
Red Oak	84	47	68	-5	0.36	-0.66	19.16	-2.42	124	-27
Sidney	83	49	68	-4	0.43	-0.54	16.24	-4.28	128	-20
South Central District										
Allerton	83	46	66	-5	6.55	5.55	32.34	11.92	114	4
Beaconsfield	82	47	66	-5	4.64	3.70	30.14	10.31	113	-27
Chariton	85	44	66	-5	3.00	1.99	29.64	8.90	112	-27
Indianola	83	46	66	-4	2.10	1.19	25.01	5.06	113	-24
Leon	84	46	66	-5	4.10	3.05	26.08	5.35	115	-27
South East District										
Bloomfield	85	48	66	-6	2.70	1.65	30.41	9.66	111	-39
Burlington	83	50	69	-2	3.00	2.09	31.48	12.15	136	-10
Ottumwa	85	47	67	-5	3.72	2.80	29.74	10.50	120	-30
Washington	86	47	66	-7	5.60	4.74	30.05	11.19	111	-17

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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