

Iowa Crops & Weather



Iowa Agricultural Statistics
 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
 515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
 To access NASS reports - <http://www.usda.gov/nass/>



Issued September 13, 2004

Vol. 04-28

For the week ending September 12, 2004

Rapid Maturity

Agricultural Summary: Producers reported it was an excellent week in Iowa for maturing corn and soybeans. Warmer weather and drying winds have helped to finish up the crops; however, there is concern about frost and crops could still use some warm weather. There were scattered reports of mildew, white mold and stem rot in soybeans but rarely across entire fields. The fourth cutting of alfalfa hay is being put up in some areas of the state and silage chopping is underway.

There were 6.4 **days suitable for fieldwork** this week in Iowa. **Topsoil moisture** rated 8 percent very short, 23 percent short, 65 percent adequate, and 4 percent surplus. **Subsoil moisture** rated 7 percent very short, 20 percent short, 69 percent adequate, and 4 percent surplus.

Field Crops Report: The **corn acreage in or past dough stage** was 97 percent, slightly behind last year's progress of 99 percent dough stage at this time. The **corn acreage in or past dent stage** reached 81 percent, behind last year's progress of 89 percent and the 5-year average of 90 percent. Iowa's **corn acreage in mature stage** was 17 percent, 9 days behind last year's pace of 43 percent mature and 11 days behind the 5-year average of 47 percent. Reports of corn harvested for grain or seed were received this week. The **percent moisture of field corn** was 37 percent. **Corn lodging** rated percent 67 none, 23 percent light, 8 percent moderate, and 2 percent heavy. **Corn ear droppage** rated 77 percent none, 19 percent light, and 4 percent moderate. **Corn condition** was rated 3 percent very poor, 8 percent poor, 19 percent fair, 48 percent good, and 22 percent excellent. The **soybean acreage with leaves turning color** was 76 percent, ahead of last year's progress of 69 percent and the 5-year average of 65 percent. The **soybean acreage dropping leaves** reached

31 percent, compared with last year's 32 percent and the 5-year average of 28 percent dropping leaves. There were a few reports that soybeans have begun to be harvested in southern Iowa. **Soybean condition** was rated 3 percent very poor, 9 percent poor, 22 percent fair, 49 percent good, and 17 percent excellent. The **third cutting of alfalfa hay** was 92 percent complete, slightly ahead of both last year's progress of 90 percent and the 5-year average of 89 percent complete. **Hay condition** rated 1 percent very poor, 4 percent poor, 20 percent fair, 54 percent good, and 21 percent excellent.

Livestock, Pasture, and Range Report: Livestock were reported to be in good condition especially with the moderate temperatures. **Pasture and range condition** was rated 4 percent very poor, 8 percent poor, 23 percent fair, 48 percent good, and 17 percent excellent.

Iowa Weather Summary

It was a sunny and dry week across Iowa. Temperatures averaged below normal from Monday (6th) through Thursday (9th) with daytime highs mostly in the 70's. Much warmer weather prevailed over the weekend with highs mostly in the 80's on Friday (10th), Saturday (11th) and Sunday (12th). Temperature extremes for the week ranged from morning lows of 42 degrees at Sioux Center and Spencer on Tuesday (7th) and at Cresco and Mason City on Wednesday (8th) to an afternoon high of 92 degrees at Glenwood on Sunday (12th). Temperatures for the week as a whole averaged 0.7 degrees above normal. There was no precipitation of consequence during the week. Lake Park reported the most rain with just 0.13 inches on Wednesday (8th). The statewide average precipitation was only a trace while normal for the week is 0.84 inches.

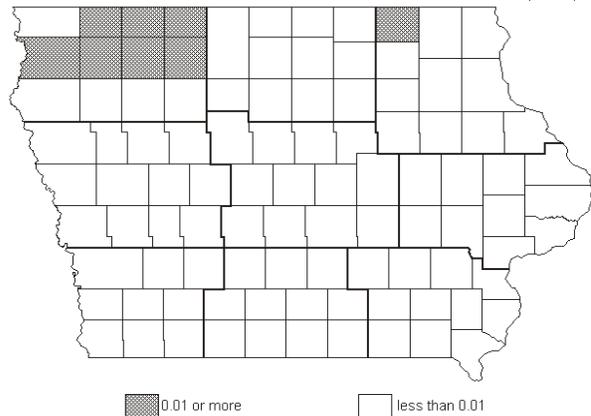
Statewide Crop Conditions as of September 12, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	8	19	48	22
Hay, all	1	4	20	54	21
Range & Pasture	4	8	23	48	17
Soybeans	3	9	22	49	17

Statewide Harvesting Conditions as of September 12, 2004

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	67	23	8	2
Corn ear droppage	77	19	4	0

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
 PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MON., SEP. 13, 2004 (inches)



Field Work and Crop Progress as of September 12, 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				
Corn in or past dough stage	99	93	94	100	98	97	95	96	98	97	90	99	98
Corn in or past dent stage	83	72	75	87	84	85	78	86	78	81	63	89	90
Corn mature (safe from frost)	4	9	13	17	25	21	20	51	28	17	9	43	47
Soybean leaves turning color	78	78	72	78	79	79	64	82	75	76	39	69	65
Soybeans dropping leaves	35	28	22	26	40	37	21	35	36	31	8	32	28
Hay, alfalfa - third crop harvested	98	91	87	98	91	97	95	89	96	92	79	90	89

Days Suitable & Soil Moisture Condition as of September 12, 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	6.1	6.3	6.5	6.5	6.1	6.7	6.2	6.7	6.9	6.4	6.0	5.6
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	9	19	4	25	0	6	3	2	0	8	5	49
Short	33	26	20	36	21	25	18	5	12	23	14	30
Adequate	58	54	76	39	75	69	75	76	75	65	73	21
Surplus	0	1	0	0	4	0	4	17	13	4	8	1
Subsoil moisture												
Very short	9	21	3	15	4	6	2	1	0	7	4	53
Short	27	19	19	37	13	23	19	4	17	20	16	36
Adequate	63	59	75	42	75	70	77	90	77	69	74	11
Surplus	1	1	3	6	8	1	2	5	6	4	6	0

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, September 12, 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	85	45	64	4	0.81	-0.03	19.22	0.41	104	25
Sioux Center	88	42	67	3	0.00	-0.72	16.98	-1.47	118	20
Spencer	90	42	67	5	0.86	0.04	15.57	-4.12	117	31
Spirit Lake	88	45	67	6	0.09	-0.70	17.71	-0.97	121	3
North Central District										
Britt	84	46	64	0	0.40	-0.49	21.84	1.38	101	1
Humboldt	83	48	65	1	0.54	-0.32	19.46	-1.60	106	12
Mason City	83	42	64	2	0.40	-0.53	33.37	11.71	96	10
Northwood	83	45	63	2	0.15	-0.83	31.03	9.93	92	8
North East District										
Decorah	84	45	65	2	0.69	-0.29	33.31	12.05	106	8
Dubuque	84	46	66	3	0.00	-1.18	16.52	-6.39	112	20
Elkader	84	46	65	2	0.12	-0.78	25.79	4.69	106	-13
Independence	85	46	65	3	0.28	-0.66	27.16	4.58	105	-9
Waterloo	87	46	67	4	0.45	-0.39	18.98	-2.81	119	24
West Central District										
Audubon	83	46	64	-2	0.95	-0.03	25.80	4.67	102	-10
Carroll	87	47	66	3	0.34	-0.51	17.91	-4.30	114	16
Castana	87	48	66	1	0.72	-0.13	13.54	-6.18	117	19
Guthrie Center	85	43	64	-2	1.00	0.07	25.46	3.59	100	-5
Harlan	86	46	66	1	0.79	-0.35	21.98	0.81	112	14
Jefferson	87	48	66	2	1.30	0.45	24.61	2.40	113	15
Logan	87	46	66	1	0.36	-0.55	19.23	-1.17	115	3
Rockwell City	85	47	65	-1	0.69	-0.22	24.98	3.73	105	-2
Sioux City	90	46	67	2	0.69	-0.01	14.42	-2.77	123	16
Central District										
Ames	85	47	65	2	2.25	1.41	26.92	3.81	108	12
Boone	85	47	66	2	0.59	-0.30	22.80	0.37	114	11
Des Moines	84	51	68	2	0.83	-0.03	24.06	3.06	128	10
Eldora	86	48	66	2	2.02	1.21	24.29	1.96	114	16
Marshalltown	84	44	65	2	0.34	-0.58	22.15	-0.43	110	17
Newton	85	49	66	0	0.60	-0.38	24.49	3.09	112	5
Perry	85	47	66	2	0.90	0.06	23.46	2.13	110	12
Toledo	83	47	65	2	0.50	-0.41	19.40	-3.41	104	8
East Central District										
Cedar Rapids	85	48	66	1	0.38	-0.60	21.68	0.39	111	6
Davenport	84	46	66	-2	0.03	-0.80	21.13	0.23	113	-5
Iowa City	86	49	67	-2	0.12	-0.84	23.00	-0.28	120	-4
Lowden	86	44	65	2	0.04	-1.01	23.87	0.33	107	3
Maquoketa	84	46	64	1	0.06	-0.99	21.24	-0.26	102	9
Muscatine	85	48	67	-1	0.23	-0.68	21.57	-0.19	119	26
South West District										
Clarinda	85	47	65	-2	0.79	-0.30	23.46	-0.49	108	-4
Glenwood	87	49	67	1	0.35	-0.60	18.64	-3.12	122	3
Oakland	86	49	67	3	0.76	-0.22	24.34	3.10	119	18
Red Oak	84	49	66	-2	1.27	0.17	20.49	-3.15	116	-5
Sidney	85	52	67	1	0.67	-0.31	21.23	-1.16	122	1
South Central District										
Allerton	83	49	65	-1	0.63	-0.49	29.48	6.97	108	31
Beaconsfield	82	49	65	-2	0.85	-0.20	27.38	5.59	105	-4
Chariton	84	44	65	-2	0.50	-0.71	24.47	1.49	104	-5
Indianola	84	50	66	2	0.25	-0.66	24.51	2.84	116	9
Leon	82	47	64	-2	0.53	-0.52	29.66	6.93	100	-11
South East District										
Bloomfield	85	50	66	-2	0.44	-0.68	28.91	6.02	116	-6
Burlington	88	50	69	3	0.00	-0.98	17.19	-3.98	137	17
Ottumwa	85	49	67	-2	0.41	-0.64	22.24	1.06	116	-5

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.