

# NEBRASKA

## WEATHER & CROPS

NEBRASKA  
**AGRICULTURAL  
 STATISTICS  
 SERVICE**

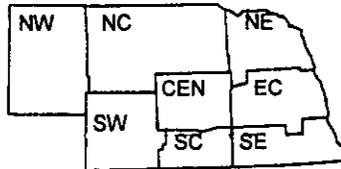
For Week Ending September 15, 1996

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 National Oceanic and Atmospheric Adm  
 National Weather Service



Nebraska Department of Agriculture  
 Division of Agr'l. Statistics  
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 and Natural Resources--UN-L

### WEATHER

The week was fairly cool with only scattered amounts of measurable precipitation. Temperatures varied from two degrees above normals in the northwest to five degrees below normals in the northeast. Precipitation averaged from a tenth to a half inch.

### GENERAL

Fall like temperatures arrived last week with minimums in the low forties recorded in many areas, according to the Nebraska Agricultural Statistics Service. Wheat seeding was active in the west and seed corn harvest was underway in the south and east. Producers continued to prepare for fall grain harvest by cleaning bins and preparing harvest equipment. Fall crops remained ten days to two weeks behind normal.

### CROPS

The all corn condition rated 1% very poor, 2% poor, 15% fair, 56% good, and 26% excellent. Irrigated corn rated 84% good or excellent and dryland corn rated 80% good or excellent. Acreage having reached the dent stage advanced to 80%, same as last year but behind the average of 85%. Fields reaching maturity were at 6%, compared with 9% last year and 31% average. Harvest of high moisture corn and seed corn was underway while silage cutting was in full swing.

Soybean condition rated 3% poor, 20% fair, 54% good, and 23% excellent. Statewide, 47% of the acreage had

### CROPS (Cont.)

turned color, compared with 41% last year, and 64% average. Eight percent of the acreage was dropping leaves by week's end, compared to 9% last year and 31% average.

Sorghum condition rated 1% very poor, 1% poor, 12% fair, 58% good, and 28% excellent. Acreage turning color was at 76%, compared with 64% last year and 74% average. Fields reaching maturity were at 2%, compared with 3% last year and 24% average.

Dry beans dropping leaves progressed to 78%, compared with 54% last year. Harvest advanced to 27% as of Sunday, compared with 18% last year.

Alfalfa condition rated 2% very poor, 6% poor, 35% fair, 49% good, and 8% excellent. Third cutting progressed to 94% harvested as of Sunday, compared with 94% in 1995 and 91% average. Fourth cutting advanced to 13% harvested to date. This compares to 14% last year.

Winter wheat seeding progressed to 25% statewide, compared with 32% last year and 36% average. Reporters expressed concern for grasshopper populations in newly seeded wheat.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 4% poor, 23% fair, 61% good and 12% excellent. Nearly 75% of all pastures and rangeland were reported in good to excellent condition.

FIELD WORK PROGRESS AS OF SEPTEMBER 15, 1996	AGRICULTURAL STATISTICS DISTRICTS									STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE					
% Corn Dented	58	76	65	84	82	86	93	82	80	55	80	85	
% Corn Mature	5	2	4	5	6	6	9	8	6	1	9	31	
% Soybeans Turning Color	n/a	48	51	71	40	80	72	39	47	14	41	64	
% Soybeans Dropping Leaves	n/a	1	11	7	4	26	33	7	8	1	9	31	
% Sorghum Turning Color	n/a	35	50	68	90	78	86	69	76	45	64	74	
% Sorghum Mature	n/a	0	3	0	2	0	6	1	2	n/a	3	24	
% Alfalfa Thrd Cutting	85	94	93	95	97	100	99	100	94	88	94	91	
% Alfalfa Fourth Cutting	15	15	10	10	17	15	16	25	13	6	14	n/a	
% Dry Beans Dropping Leaves	71	74	65	50	n/a	90	n/a	n/a	78	52	54	n/a	
% Dry Beans Harvested	28	39	0	0	n/a	26	n/a	n/a	27	8	18	n/a	
% Wheat Sown	49	44	50	20	12	9	2	21	25	11	32	36	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 13, 1996													
Days suitable	5.8	5.5	5.0	6.0	6.3	5.0	7.0	6.0	5.8	6.0	6.7		
Topsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	0	1	26	
(Percent) - Short	19	11	8	41	39	1	12	16	18	27	57		
- Adequate	81	87	90	59	59	96	88	84	81	67	17		
- Surplus	0	2	2	0	2	3	0	0	1	5	0		
Subsoil moisture - Very Short	0	0	0	0	1	0	0	0	0	0	15		
(Percent) - Short	22	9	6	34	24	4	10	18	16	17	51		
- Adequate	78	90	91	65	73	93	89	82	83	81	34		
- Surplus	0	1	3	1	2	3	1	0	1	2	0		

n/a = not available.

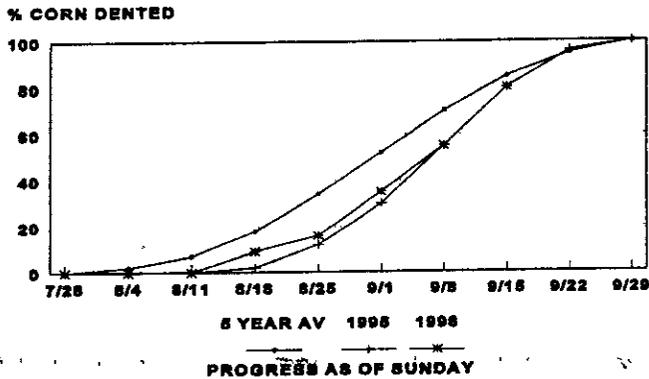
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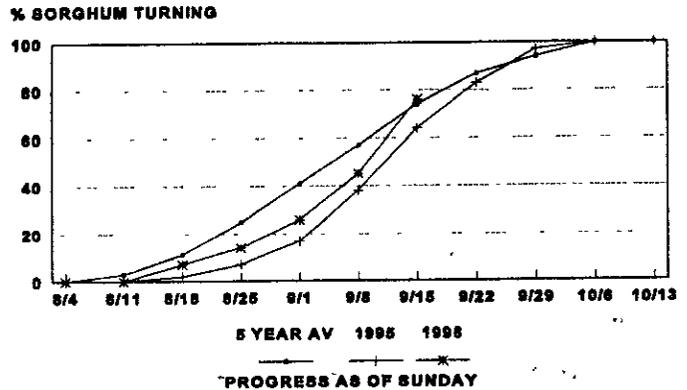
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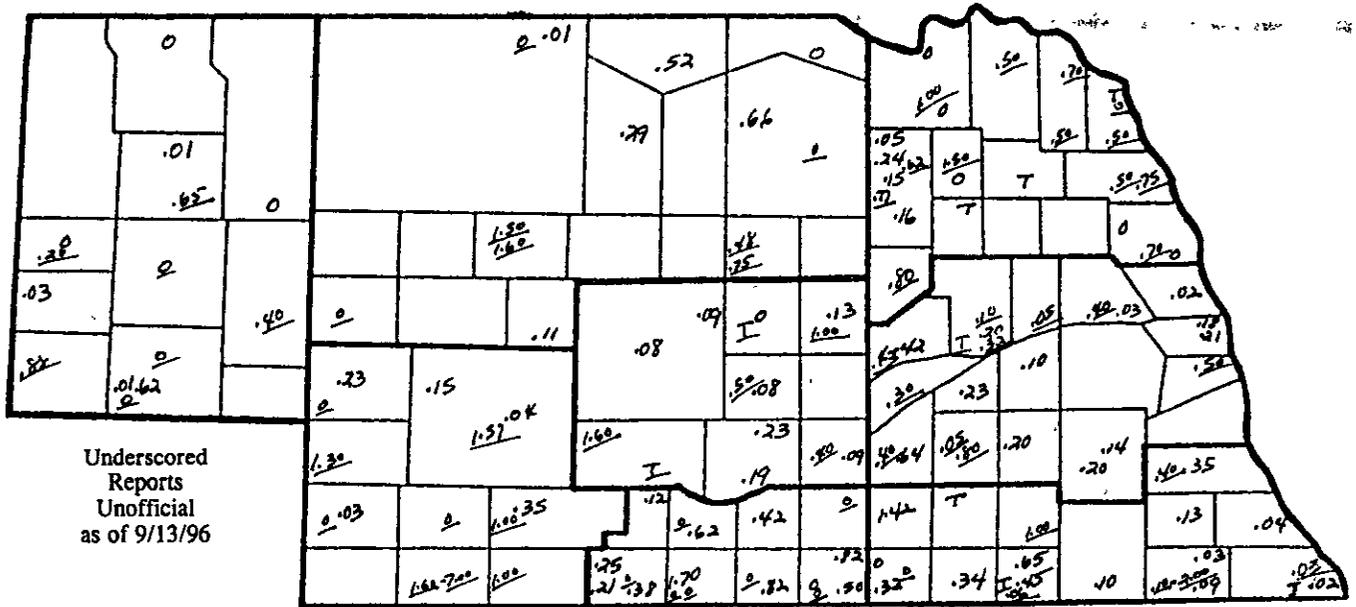
**CORN DENTED**



**SORGHUM TURNING**



**PRECIPITATION MAP FOR WEEK ENDING SATURDAY, SEPTEMBER 14, 1996**



**PRECIPITATION, APRIL 1 - SEPTEMBER 14, 1996**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.10	.27	.05	.11	.21	.16	.53	.28
Total since April 1	12.36	14.34	18.83	19.00	23.80	17.59	26.46	21.13
Normal since April 1	12.55	15.70	17.77	17.32	19.54	14.50	17.40	20.12
Total as % of normal	98%	91%	106%	110%	122%	121%	152%	105%

**TEMPERATURE AND PRECIPITATION, WEEK ENDING SATURDAY, SEPTEMBER 14, 1996  
GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 15, 1996**

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	90	47	66	---	0	---	---	---
	89	46	65	+2	0	2305	2421	2420
	89	45	64	---	.01	2215	2321	2350
NC Valentine	90	38	63	---	.01	---	---	---
	---	---	---	---	---	2192	2294	2465
	---	---	---	---	---	2271	2377	2633
NE Norfolk	84	39	61	-4	T	---	---	---
	83	38	60	-5	T	---	---	---
	---	---	---	---	---	2313	2408	2751
	---	---	---	---	---	2365	2462	2804
	---	---	---	---	---	2477	2580	2784
CEN Grand Island	92	48	65	0	.09	2459	2571	2862
	87	41	62	---	0	2391	2493	2730
	---	---	---	---	---	2522	2630	2814
	---	---	---	---	---	---	---	---
EC Lincoln	86	44	63	-4	.14	2716	2835	3127
	85	44	62	-4	.21	---	---	---
	---	---	---	---	---	2486	2595	2920
	---	---	---	---	---	2618	2734	2952
SW Imperial	90	40	64	---	.03	---	---	---
	90	47	63	0	.04	2371	2473	2604
	---	---	---	---	---	2562	2683	2840
SC Holdrege	---	---	---	---	---	2556	2665	2828
	---	---	---	---	---	2643	2761	2882
SE Beatrice	---	---	---	---	---	2710	2829	2839
	---	---	---	---	---	2441	2547	2918

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.