

# NEBRASKA WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending October 1, 1995

Issue: 29-95

Phone: (402) 437-5541

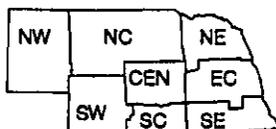
P.O. Box 81069

Released: 10/02/95 - 3:00 p.m.

Location: 273 Federal Bldg.

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admn.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources-UNL

## WEATHER

Temperatures averaged from near normals in the northwest up to six degrees above normals in the northeast. Precipitation ranged from a tenth of an inch to around one and three fourths inches.

## GENERAL

Crop maturity moved ahead rapidly last week as a result of the hard freezing temperatures experienced statewide nearly ten days ago, according to the Nebraska Agricultural Statistics Service. Harvest of corn, soybeans and sorghum was off to a limited start, while dry bean and millet harvests were beyond the half-way mark in western counties. Other producer activities included silage cutting, seed corn harvest, removal of irrigation pipes, scouting fields, fall harvest preparation, and moving grain to elevators.

## CROPS

The all corn condition edged lower from the previous week and rated 3% very poor, 12% poor, 41% fair, 41% good and 3% excellent. Irrigated corn condition declined with 54% rated good or excellent, while dryland corn condition showed little change at 26% good or excellent. Fields reaching maturity were at 81%, compared with 97% last year and the average of 84%. Corn for grain harvest was limited with 2% combined to date. This compared with 20% last year and the average of 16%. Concern over above normal ear droppage is prompting some producers to consider harvesting at above normal moisture levels.

## CROPS Cont.

**Soybean** condition further declined from the previous week and rated 6% very poor, 32% poor, 40% fair, 21% good, and 1% excellent. Statewide, 99% of the acreage had turned color, compared to 100% last year and the same as the average of 99%. The crop was 91% dropping leaves by week's end, compared to 99% last year and the average of 91%. Soybean harvest began last week with 5% combined as of Sunday, compared to 52% last year and the average of 31%.

**Sorghum** condition moved lower from the previous week and rated 3% very poor, 21% poor, 54% fair, 21% good and 1% excellent. By week's end, 54% of the crop was mature, compared with 96% last year and the average of 69%. Harvest was underway with 2% cut to date, compared to 21% last year and the average of 16%.

**Winter wheat** seeding progressed to 85% completed to date. This compared to 92% last year and 89% average. Emergence stood at 50%, compared to 64% last year and 56% average.

**Dry bean** condition rated 1% very poor, 7% poor, 66% fair, 25% good and 1% excellent. Nearly 70% was harvested as of Sunday, compared with 97% last year.

**Alfalfa** condition was rated at 1% very poor, 11% poor, 41% fair, 43% good, and 4% excellent. **Fourth cutting** activities progressed to 60% compared to 74% last year.

## LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated at 2% very poor, 17% poor, 36% fair, 42% good, and 3% excellent. Some producers continued feeding hay and supplemental feed last week, waiting for stalk fields to open up for gleaning.

FIELD WORK PROGRESS AS OF OCTOBER 1, 1995	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Mature	84	93	78	97	78	49	95	83	81	30	97	84
% Corn Harvested	2	1	3	2	3	2	2	2	2	0	20	16
% Sorghum Turning Color	0	100	91	100	100	97	100	100	99	87	100	96
% Sorghum Mature	0	72	76	87	66	48	72	41	54	16	96	69
% Sorghum Harvested	0	0	1	0	1	3	1	3	2	0	21	16
% Soybeans Turning Color	0	100	100	100	98	99	100	100	99	75	100	99
% Soybeans Dropping Leaves	0	100	100	100	76	64	100	98	91	26	99	91
% Soybeans Harvested	0	5	4	3	6	1	7	3	5	0	52	31
% Alfalfa Fourth Cutting	25	100	50	71	58	74	67	42	60	29	74	na
% Wheat Sown	99	100	72	80	73	79	77	68	85	59	92	89
% Wheat Emerged	99	97	17	45	20	40	13	5	50	na	64	56
% Dry Beans Dropping Leaves	100	97	79	73	0	100	0	0	99	85	100	na
% Dry Beans Harvested	64	96	34	19	0	83	0	0	70	43	97	na
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 29, 1995												
Days suitable	61	66	60	67	63	67	64	61	63	37	56	
Topsoil moisture - Very Short	0	17	0	0	5	0	4	6	4	4	0	
(Percent) - Short	51	46	17	52	51	29	25	45	39	24	52	
- Adequate	49	37	83	48	39	71	71	49	56	66	45	
- Surplus	0	0	0	0	5	0	0	0	1	6	3	
Subsoil moisture - Very Short	0	0	2	0	21	20	6	7	7	11	0	
(Percent) - Short	36	38	32	66	48	30	39	83	47	48	45	
- Adequate	34	62	66	32	30	50	55	10	46	41	55	
- Surplus	0	0	0	1	1	0	0	0	0	0	0	

n/a = not available.

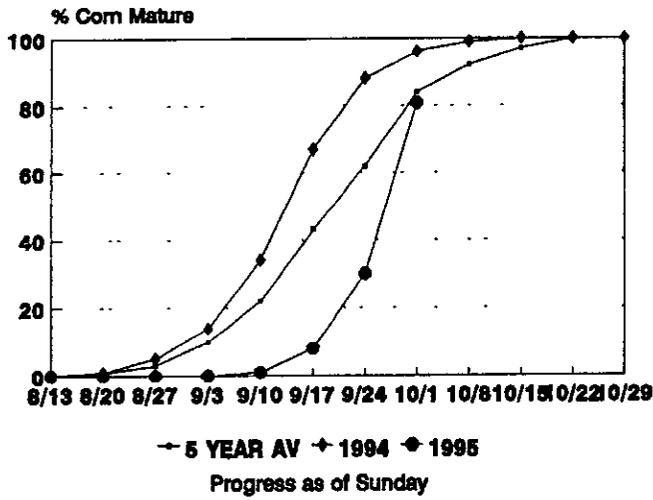
NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. It is also available free by polling our FAX at (402) 437-5547 after 3:30 p.m. CT POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS  
P.O. Box 81069  
Lincoln, NE 68501

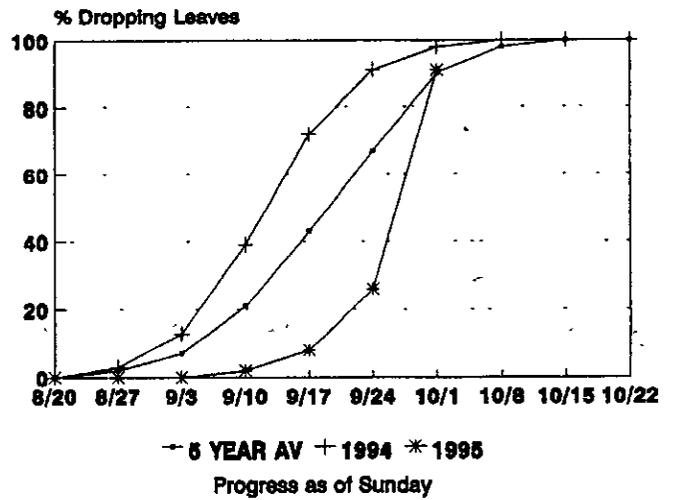
Second Class Postage  
Paid at  
Lincoln, Nebraska

10-2-95  
Ruh 1800

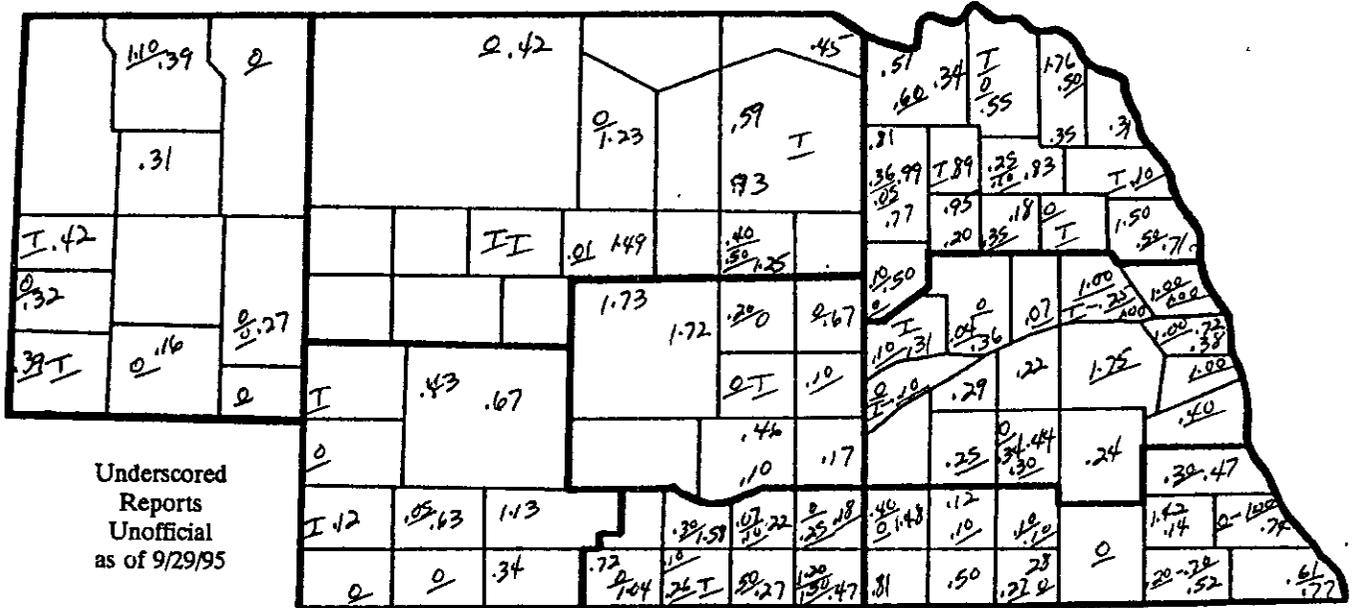
**CORN MATURE**



**SOYBEANS DROPPING LEAVES**



**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 1, 1995**



**PRECIPITATION, APRIL 1 - OCTOBER 1, 1995**

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.31	.90	.71	.69	.43	.55	.72	.66
Total since April 1	16.47	22.86	24.01	19.97	19.85	19.25	20.61	23.89
Normal since April 1	13.22	16.75	19.20	18.65	21.38	15.33	18.76	22.11

**TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, OCTOBER 1, 1995**

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	91	31	59	---	.39	---	---	---
Scottsbluff	85	30	57	0	.42	2192	2273	2707
Sidney	84	31	58	---	---	2130	2215	2499
NC Valentine	91	34	62	+6	.42	---	---	---
Arthur	---	---	---	---	---	2268	2362	2522
O'Neill	---	---	---	---	---	2395	2495	2813
NE Norfolk	85	37	63	+4	.95	---	---	---
Sioux City	84	34	62	+3	.31	---	---	---
Concord	---	---	---	---	---	2544	2643	2282
Elgin	---	---	---	---	---	2514	2609	2820
West Point	---	---	---	---	---	2673	2776	2959
CEN Grand Island	84	37	63	+3	.17	---	---	---
Ord	83	33	61	---	0	2550	2651	2826
Kearney	---	---	---	---	---	2606	2707	3008
Wood River	---	---	---	---	---	2622	2730	3100
EC Lincoln	86	34	65	+4	.24	2987	3107	3229
Omaha	85	39	65	+4	.72	---	---	---
Central City	---	---	---	---	---	2631	2739	3117
Mead	---	---	---	---	---	2835	2953	3090
Rising City	---	---	---	---	---	2683	2789	3051
SW Imperial	83	36	60	---	---	---	---	---
North Platte	84	32	60	+4	.67	2475	2576	2778
McCook	---	---	---	---	---	2682	2780	3087
SC Holdrege	---	---	---	---	---	2644	2748	3024
Red Cloud	---	---	---	---	---	2809	2921	3099
SE Beatrice	---	---	---	---	---	2824	2936	3141
Clay Center	---	---	---	---	---	2670	2780	3091

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.