

NEBRASKA

WEATHER & CROPS



For Week Ending September 14, 1997

Issue: 28-97

Phone: (402) 437-5541

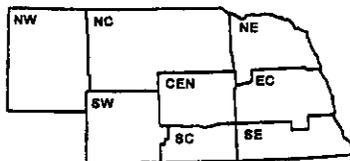
P.O. Box 81069

Released: 09/15/97 - 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 Admin
National Weather Service



Nebraska Department of Agriculture
Division of Agrl. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources—UN-L

WEATHER

Temperatures averaged from two to six degrees above normals across the State. Precipitation was scattered over the State with amounts ranging from less than a tenth of an inch in the west to over two inches in some central locations.

GENERAL

Fall wheat seeding was in full swing last week while above normal temperatures continued to move row crops toward maturity, according to the Nebraska Agricultural Statistics Service. Rainfall averaged over one inch in the central part of the State while other districts averaged less than half of an inch. Grasshopper population continues to be a concern in many areas. Producer activities included preparing equipment for harvest, silage cutting, swathing millet in the western counties, putting up hay, preparing for fall wheat seeding, picking up irrigation pipes and moving grain to market.

CROPS

Corn condition rated 3% very poor, 8% poor, 24% fair, 47% good, and 18% excellent. Irrigated corn rated 78% good to excellent, while 41% of the dryland corn was good to excellent. Denting progressed to 88% compared with 76% last year and 79% average. As of Sunday, 12% of acreage had matured, compared with 5% last year and 17% average. Harvest of high moisture corn and seed corn was underway while silage cutting was in full swing.

Soybean condition rated at 2% very poor, 11% poor, 33% fair, 47% good, and 7% excellent. Statewide, 69% of

CROPS (Cont.)

the acreage had turned color, compared with 42% last year and 52% average. As of Sunday, 17% of the acreage was dropping leaves, compared with 7% last year and 20% average.

Sorghum condition rated 4% very poor, 11% poor, 34% fair, 41% good, and 10% excellent. The percent of acreage turning color was at 82%, ahead of 72% last year and 67% average. The crop was mature on 7% of the acreage, compared with 2% last year and 11% average.

Dry beans turning color progressed to 93% compared with 99% last year. The crop was dropping leaves on 66% of the acreage, compared with 74% last year. Harvest advanced to 30%, compared with 24% last year.

Alfalfa condition rated 7% very poor, 19% poor, 34% fair, 37% good and 3% excellent. Third cutting activities were 90% complete, compared with 93% last year and the same as average. Fourth cutting advanced to 13% harvested, slightly ahead of 12% last year.

Winter wheat seeding progressed to 41% statewide. This is ahead of 23% last year and the average of 31%. Reporters expressed concern for grasshopper populations in newly seeded wheat. Some producers in the Panhandle indicated that they are reseeding some fields due to poor stands.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 10% very poor, 21% poor, 31% fair, 37% good, and 1% excellent. Pastures in the South Central District continued to be reported in the poorest condition statewide. Producers continued supplemental feeding, grazing or haying of CRP last week in many areas of Nebraska.

FIELD WORK PROGRESS AS OF SEPTEMBER 14, 1997	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Dented	59	81	83	87	96	81	92	98	88	61	76	79
% Corn Mature	7	4	7	10	12	13	18	23	12	3	5	17
% Soybeans Turning Color	n/a	76	68	70	69	57	60	72	.69	33	42	52
% Soybeans Dropping Leaves	n/a	11	13	11	17	13	13	27	17	4	7	20
% Sorghum Turning Color	n/a	91	85	84	88	50	78	88	82	61	72	67
% Sorghum Mature	n/a	1	7	7	4	1	3	12	7	1	2	11
% Dry Beans Turning	91	91	79	90	n/a	99	n/a	n/a	93	81	99	n/a
% Dry Beans Dropping Leaves	66	68	18	26	n/a	68	n/a	n/a	66	45	74	n/a
% Dry Beans Harvested	24	4	0	0	n/a	43	n/a	n/a	30	7	24	n/a
% Alfalfa Third Cutting	77	98	79	97	93	99	99	100	90	86	93	90
% Alfalfa Fourth Cutting	4	12	9	15	16	16	16	28	13	5	12	n/a
% Wheat Sown	70	35	43	5	11	22	9	1	41	8	23	31
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 12, 1997												
Days suitable	6.8	5.2	6.0	4.3	5.2	6.8	5.1	6.7	5.7	5.7	5.8	
Topsoil moisture - Very Short (Percent)	0	1	14	5	5	7	23	63	14	13	0	
- Short	30	21	53	20	19	45	31	27	31	29	18	
- Adequate	70	78	33	74	68	48	45	10	53	56	81	
- Surplus	0	0	0	1	8	0	1	0	2	2	1	
Subsoil moisture - Very Short (Percent)	3	2	3	11	2	8	25	52	12	13	0	
- Short	24	28	55	28	31	45	43	35	37	37	16	
- Adequate	73	70	42	60	67	47	32	13	51	49	83	
- Surplus	0	0	0	1	0	0	0	0	0	1	1	

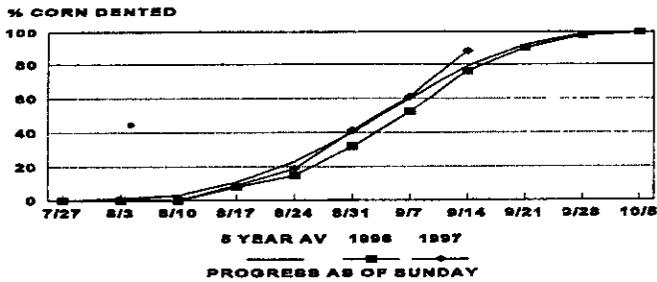
n/a = not available.

Periodical Postage
Paid at
Lincoln, Nebraska

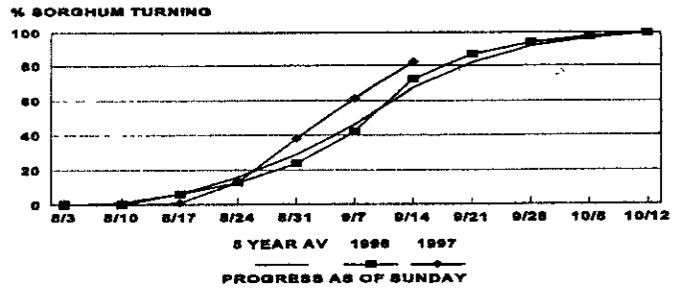
NEBRASKA WEATHER & CROPS
P.O. Box 81069
Lincoln, NE 68501
9/15/97

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.

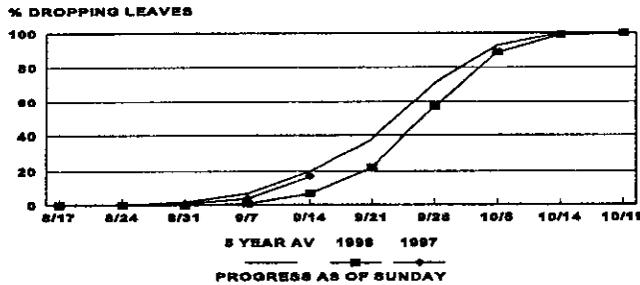
CORN DENTED



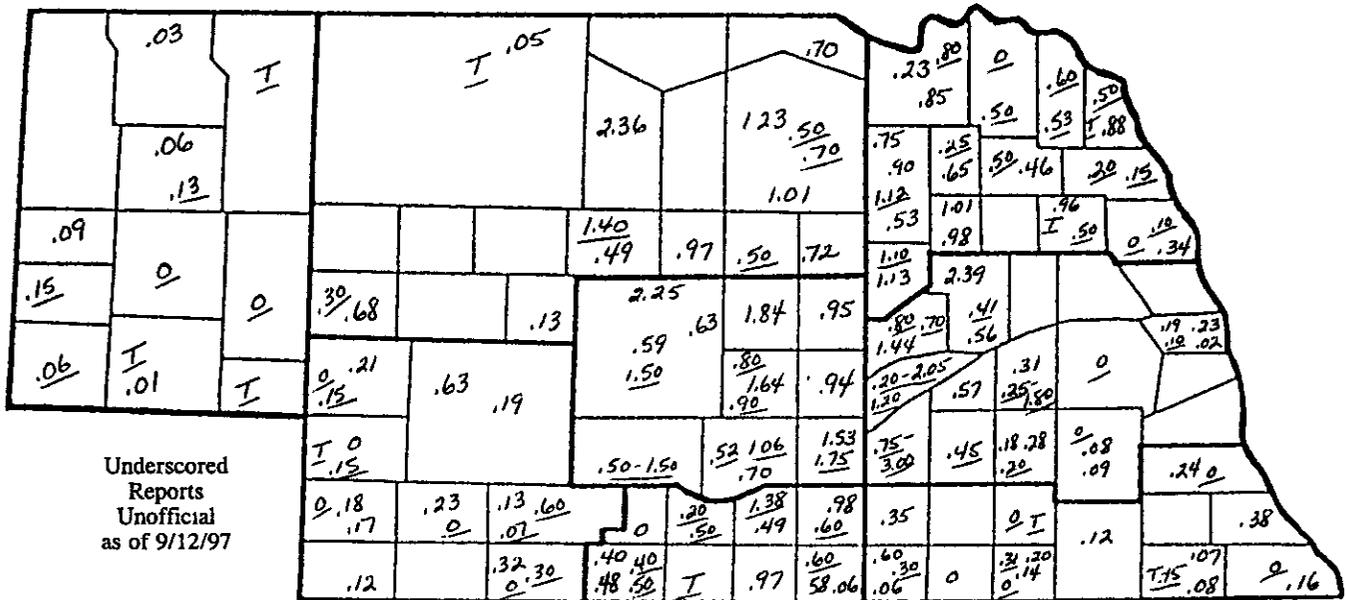
SORGHUM TURNING



SOYBEANS DROPPING LEAVES



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, SEPTEMBER 13, 1997



Underscored Reports Unofficial as of 9/12/97

PRECIPITATION, APRIL 1 - SEPTEMBER 13, 1997

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.05	.83	.74	1.23	.58	.22	.50	.20
Total since April 1	14.06	16.93	15.56	14.58	18.40	13.67	13.44	17.52
Normal since April 1	12.51	15.63	17.68	17.24	19.42	14.45	17.31	20.00
Total as % of normal	112%	108%	88%	85%	95%	95%	78%	88%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, SEPTEMBER 13, 1997

Station	Temperature				Precipitation	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Total Inches	Last Week	Current
	Max	Min						
NW Chadron	96	41	70	---	.03	---	---	---
Scottsbluff	90	47	68	+5	.09	2289	2435	2369
Sidney	91	48	68	---	.01	2251	2404	2355
NC Valentine	89	44	68	+5	.05	---	---	---
Arthur	---	---	---	---	---	2264	2413	2549
O'Neill	---	---	---	---	---	2371	2515	2711
NE Norfolk	86	46	68	+3	1.01	---	---	---
StouxCity	86	43	67	+2	.88	---	---	---
Concord	---	---	---	---	---	2369	2515	2752
Elgin	---	---	---	---	---	2389	2535	2744
West Point	---	---	---	---	---	2486	2631	2871
CEN Grand Island	88	47	68	+2	1.53	2489	2637	2835
Ord	90	45	68	---	1.84	2423	2565	2792
Kearney	---	---	---	---	---	2544	2688	2813
EC Lincoln	88	45	69	+2	.08	2718	2887	3093
Omaha	85	48	69	+3	.23	---	---	---
Central City	---	---	---	---	---	2470	2617	2859
Mead	---	---	---	---	---	2612	2770	3007
SW Imperial	93	53	71	---	.18	---	---	---
North Platte	89	44	69	+6	.19	2411	2566	2619
McCook	---	---	---	---	---	2621	2783	2696
SC Holdrege	---	---	---	---	---	2512	2661	2795
Red Cloud	---	---	---	---	---	2758	2930	2808
SE Beatrice	---	---	---	---	---	2597	2758	3090
Clay Center	---	---	---	---	---	2532	2685	2850

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.