

# NEBRASKA

## WEATHER & CROPS



For Week Ending September 21, 1997

Issue: 29-97

Phone: (402) 437-5541

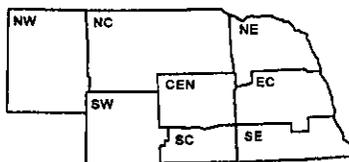
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National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin  
National Weather Service



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

### WEATHER

Temperatures for with week averaged two to five degrees above normals. Precipitation across the State averaged from a trace to around thirty-four hundredths of an inch.

### GENERAL

Fall wheat seeding was in full swing last week as above normal temperatures proceeded to move row crops toward maturity, according to the Nebraska Agricultural Statistics Service. The first fields of corn, soybeans and sorghum were being harvested for grain. Fall like temperatures arrived on Sunday with low forties recorded in many areas. Grasshopper population continued 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, picking up irrigation pipes and moving grain to market.

### CROPS

**Corn** condition rated 3% very poor, 10% poor, 24% fair, 50% good, and 13% excellent. Irrigated corn rated 77% good to excellent, while 36% of the dryland corn was good to excellent. Denting progressed to 95% compared with 90% last year and 92% average. As of Sunday, 30% of acreage had matured, compared with 19% last year and 34% average. Corn grain harvest was 1% complete, compared with 1% last year and 2% average.

**Soybean** condition rated at 3% very poor, 12% poor, 35% fair, 42% good, and 8% excellent. Statewide, 96% of the acreage had turned color, well ahead of 74% last year and 77% average. As of Sunday, 61% of the acreage was dropping

### CROPS (Cont.)

leaves, ahead of 23% last year and 40% average. Soybean harvest was 2% complete to date, compared with 0% last year and 5% average.

**Sorghum** condition rated 6% very poor, 12% poor, 31% fair, 37% good, and 14% excellent. The percent of acreage turning color was at 95%, ahead of 87% last year and 82% average. The crop was mature on 29% of the acreage, compared with 11% last year and 24% average. Grain harvest started last week on a limited scale.

**Dry beans** turning color progressed to 99% compared with 100% last year. The crop was dropping leaves on 91% of the acreage, compared with 92% last year. Harvest advanced to 67%, compared with 44% last year.

**Alfalfa** condition rated 7% very poor, 18% poor, 33% fair, 38% good and 4% excellent. Third cutting activities were 98% complete, compared with 96% last year and 95% average. Fourth cutting advanced to 28% harvested, ahead of 19% last year.

**Winter wheat** seeding progressed to 59% statewide. This is ahead of 41% last year and the average of 56%. Emergence of the crop was 27%, compared with 3% last year, and 13% average. Reporters continued to express concerns for grasshopper populations in newly seeded wheat.

### LIVESTOCK, PASTURE & RANGE

**Pasture and range condition** rated 11% very poor, 21% poor, 36% fair, 31% good, and 1% excellent. Producers continued supplemental feeding, grazing or haying of CRP last week in many areas of Nebraska. Producers were moving cattle to feedlots. Cattle will be moved to stalks as corn harvest progresses.

FIELD WORK PROGRESS AS OF SEPTEMBER 21, 1997	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Dented	75	91	96	93	99	89	97	99	95	88	90	92
% Corn Mature	19	24	17	13	45	24	41	50	30	12	19	34
% Corn Harvested	0	0	1	1	1	1	3	4	1	n/a	1	2
% Soybeans Turning Color	n/a	91	97	93	98	91	92	97	96	69	74	77
% Soybeans Dropping Leaves	n/a	27	45	34	84	36	47	78	61	17	23	40
% Soybeans Harvested	n/a	0	1	0	3	0	1	3	2	n/a	0	5
% Sorghum Turning Color	n/a	92	98	99	92	92	90	97	95	82	87	82
% Sorghum Mature	n/a	4	7	14	23	5	21	38	29	7	11	24
% Dry Beans Turning	98	98	97	100	n/a	100	n/a	n/a	99	93	100	n/a
% Dry Beans Dropping Leaves	89	78	81	82	n/a	96	n/a	n/a	91	66	92	n/a
% Dry Beans Harvested	74	7	16	3	n/a	62	n/a	n/a	67	30	44	n/a
% Alfalfa Third Cutting	86	99	98	100	98	100	100	100	98	90	96	95
% Alfalfa Fourth Cutting	8	29	15	39	33	25	29	52	28	13	19	n/a
% Wheat Sown	89	67	87	34	42	67	22	14	59	41	41	56
% Wheat Emerged	67	4	10	3	13	20	0	1	27	n/a	3	13
DAYS SUITABLE AND SOIL MOISTURE CONDITION												
Days suitable	6.8	6.8	6.2	6.7	6.6	6.7	7.0	7.0	6.7	5.7	3.1	
Topsoil moisture - Very Short	15	2	10	2	5	3	26	52	14	14	0	
(Percent) - Short	37	32	42	21	46	52	35	27	38	31	3	
- Adequate	48	66	48	76	48	44	39	10	48	53	70	
- Surplus	0	0	0	1	1	1	0	0	0	2	27	
Subsoil moisture - Very Short	4	3	13	11	5	3	27	45	14	12	0	
(Percent) - Short	32	37	47	36	41	50	38	39	40	37	5	
- Adequate	64	60	40	53	53	47	35	16	46	51	85	
- Surplus	0	0	0	0	1	0	0	0	0	0	10	

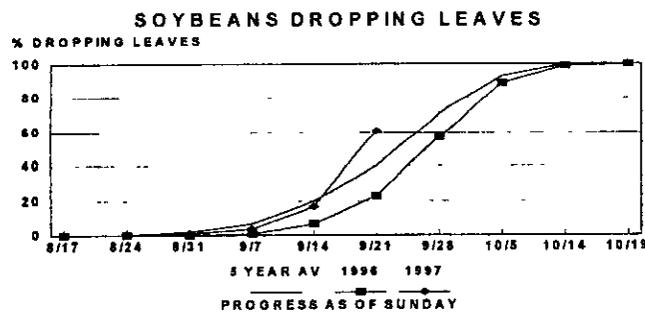
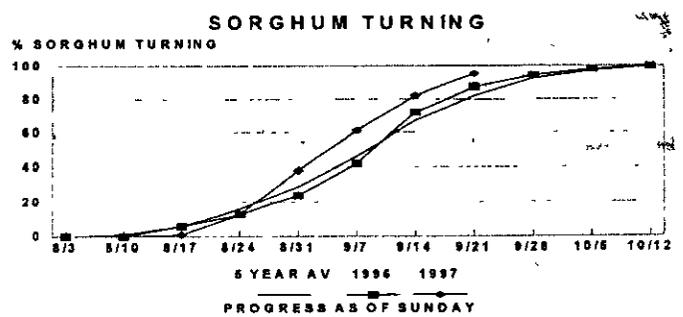
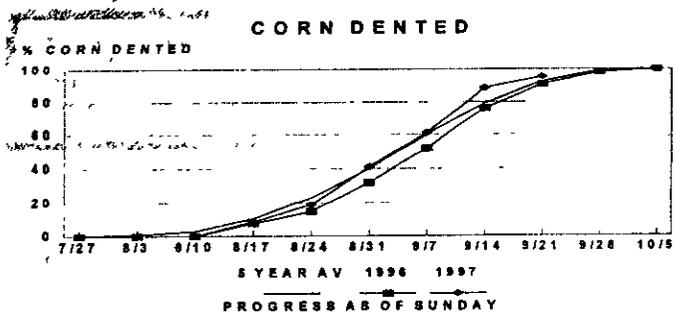
n/a = not available.

*Rep 509/22/97*

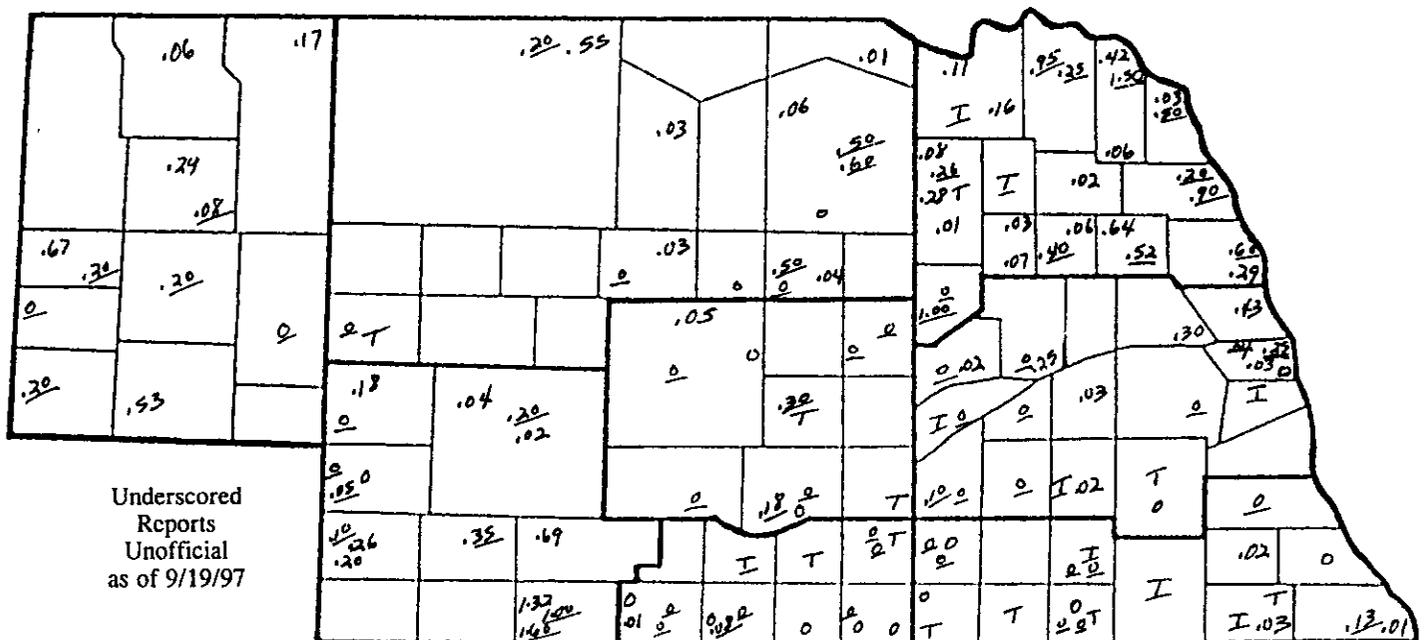
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PRECIPITATION MAP FOR WEEK ENDING SATURDAY, SEPTEMBER 20, 1997



PRECIPITATION, APRIL 1 - SEPTEMBER 20, 1997

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.34	.08	.14	.01	.10	.34	.01	.01
Total since April 1	14.40	17.01	15.70	14.59	18.50	14.01	13.45	17.53
Normal since April 1	12.79	16.11	18.31	17.80	20.21	14.80	17.91	20.84
Total as % of normal	113%	106%	86%	82%	92%	95%	75%	84%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, SEPTEMBER 20, 1997

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW	Chadron	96	38	66	---	---	---	---
	Scottsbluff	93	40	63	+2	.06	2417	2526
	Sidney	93	39	64	---	.67	2382	2503
NC	Valentine	93	39	66	+5	.53	---	---
	Arthur	---	---	---	---	---	2394	2517
	O'Neill	---	---	---	---	---	2497	2629
NE	Norfolk	89	40	67	+4	.03	---	---
	Sioux City	89	39	66	+3	.03	---	---
	Concord	---	---	---	---	---	2493	2630
	Elgin	---	---	---	---	---	2515	2651
	West Point	---	---	---	---	---	2611	2748
CEN	Grand Island	92	44	68	+5	T	2619	2761
	Ord	90	45	67	---	---	2546	2676
	Kearney	---	---	---	---	---	2670	2806
EC	Lincoln	94	46	70	+5	T	2864	3031
	Omaha	91	45	69	+5	.03	---	---
	Central City	---	---	---	---	---	2599	2739
	Mead	---	---	---	---	---	2748	2900
SW	Imperial	93	45	68	---	.26	---	---
	North Platte	91	40	66	+5	.02	2545	2677
	McCook	---	---	---	---	---	2762	2909
SC	Holdrege	---	---	---	---	---	2643	2784
	Red Cloud	---	---	---	---	---	2908	3073
SE	Beatrice	---	---	---	---	---	2735	2895
	Clay Center	---	---	---	---	---	2665	2811

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.