

NEBRASKA WEATHER & CROPS

NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE

For Week Ending October 2, 1994

Issue: 30-94

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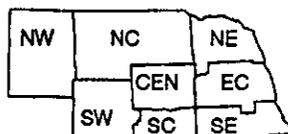
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National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
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WEATHER

Temperatures for the week averaged two to six degrees above normals. Light precipitation occurred at the end of the week with amounts varying from less than a tenth of an inch up to a half inch in the northwest.

GENERAL

Fall crop harvest progressed well last week despite some weather delays, according to the Nebraska Agricultural Statistics Service. Moisture received was mostly in the eastern third of the State and benefitted grasses, newly seeded wheat, and alfalfa. Crops continued to mature and field dry at a rapid pace. Producer activities included harvesting fall crops and caring for livestock.

CROPS

Corn condition was rated at 1% poor, 7% fair, 66% good, and 26% excellent. The crop was 98% mature by week's end, about two weeks ahead of the 5-year average. As of Sunday, 22% had been picked and compares with 4% last year and 16% for the 5-year average. Concerns were expressed about potential problems, if corn is left in the field too long, due to second brood corn borer damage.

Soybean harvest progressed well last week with 55% of the crop combined by the end of the week. This compares with 17% harvested last year and 29% for the 5-year average. The most advanced area harvested was the south central district. Reports continue to indicate low moisture content and good yields.

CROPS (Cont.)

Sorghum condition was rated at 1% poor, 8% fair, 60% good, and 31% excellent. The crop was 97% mature by week's end, nearly two and a half weeks ahead of the average. Harvest was 23% complete as of Sunday and compares with 1% last year and 17% for the 5-year average. Concerns were expressed about weed seeds in harvested grain.

Dry bean harvest was nearing completion with 97% harvested by the end of the week. This compares with 70% harvested last year at this time.

Early sugar beet harvest progressed well last week with regular harvesting to begin on October 6.

Winter wheat seeding made good progress last week with 94% sown to date. This compares with 86% last year and 89% for the average. The lack of moisture continued to be a concern for western producers. Moisture is needed to insure proper emergence and continued fall growth.

Alfalfa condition was rated at 1% very poor, 4% poor, 27% fair, 63% good, and 5% excellent. Fourth cutting activities progressed to 76% harvested as of Sunday.

LIVESTOCK

Pasture and range condition was rated at 85% of normal and compares with 101% last year. Producers have been moving cattle from pastures to stalk fields as soon as fields became available. Areas with depleted grazing potential have prompted producers to provide supplemental hay to cattle. Producers were working and weaning calves. A few cases of dust pneumonia were reported.

FIELD WORK PROGRESS AS OF OCTOBER 2, 1994	AGRICULTURAL STATISTICS DISTRICTS									STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE					
% corn mature	91	96	100	99	96	99	100	100	98	92	70	85	
% corn harvested	12	15	16	22	24	13	35	29	22	11	4	16	
% sorghum mature	0	98	98	100	96	100	99	97	97	90	43	68	
% sorghum harvested	0	30	29	26	21	25	33	21	23	9	1	17	
% soybeans harvested	0	51	43	65	67	55	88	45	55	32	17	29	
% alfalfa fourth cutting	63	71	57	90	83	95	100	73	76	62	41	n/a	
% wheat sown	100	100	82	95	91	99	92	74	94	82	86	89	
% wheat emerged	91	64	50	46	45	66	53	29	66	44	54	59	
% dry beans harvested	99	98	99	0	0	96	98	0	97	94	70	n/a	
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 30, 1994													
Days suitable	7.0	6.9	4.4	6.9	4.2	6.7	6.2	4.8	5.6	5.3	2.6		
Topsoil moisture - Short	93	89	0	57	15	100	70	39	52	47	0		
(Percent) - Adequate	7	11	100	43	70	0	30	61	45	45	50		
- Surplus	0	0	0	0	15	0	0	0	3	8	50		
Subsoil moisture - Short	87	47	17	29	30	86	30	54	45	33	0		
(Percent) - Adequate	13	53	83	71	70	14	70	46	55	67	72		
- Surplus	0	0	0	0	0	0	0	0	0	0	28		

n/a = not available.

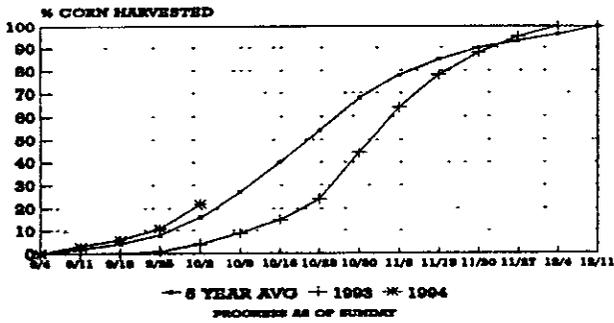
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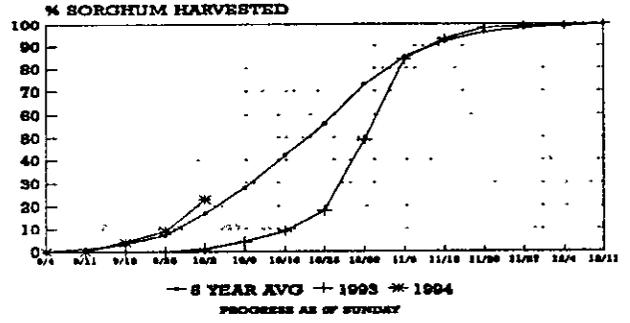
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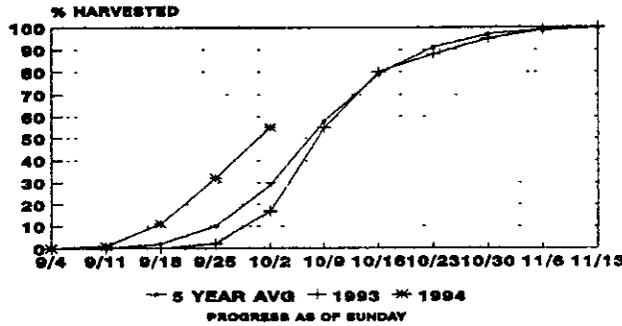
CORN HARVESTED FOR ALL PURPOSES



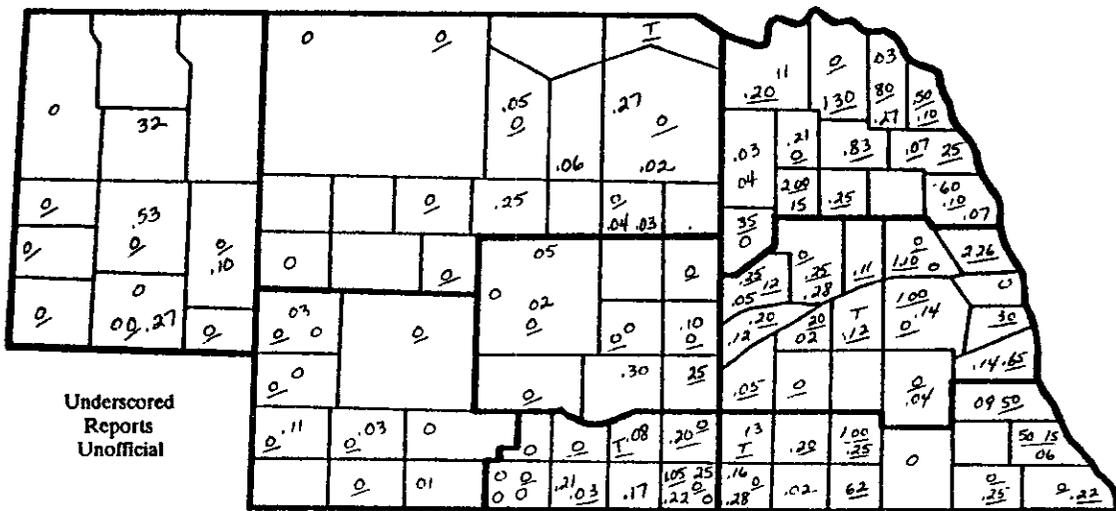
SORGHUM HARVESTED FOR ALL PURPOSES



SOYBEANS HARVESTED FOR ALL PURPOSES



PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 30, 1994



PRECIPITATION, APRIL 1 - SEPTEMBER 30, 1994

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.17	.08	.17	.08	.07	.03	.09	.09
Total since April 1	9.12	15.99	18.33	17.19	21.47	12.51	16.20	18.94
Normal since April 1	13.19	16.41	19.22	17.97	21.05	14.97	18.40	22.33
Total as % of normal	69%	97%	95%	96%	102%	84%	88%	85%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, OCTOBER 2, 1994

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW Chadron	93	38	61	---	.20	---	---	---
	92	37	62	+6	.48	2794	2893	2718
	---	---	---	---	---	2714	2811	2509
NC Valentine	84	35	59	+3	.18	---	---	---
	---	---	---	---	---	2694	2787	2531
	---	---	---	---	---	2718	2794	2823
NE Norfolk	88	40	61	+3	.14	---	---	---
	85	39	61	+2	.21	---	---	---
	---	---	---	---	---	2768	2847	2892
CEN Grand Island	92	40	62	+3	.39	---	---	---
	91	35	60	---	0	2905	2991	2836
	---	---	---	---	---	2992	3081	3110
EC Lincoln	93	36	62	+2	.11	3265	3372	3240
	93	38	63	+3	.14	---	---	---
	---	---	---	---	---	3005	3099	3128
SW Imperial	94	39	64	---	.19	---	---	---
	95	37	61	+5	.02	2849	2945	2789
	---	---	---	---	---	3145	3254	3099
SC Holdrege	---	---	---	---	---	3059	3156	3035
	---	---	---	---	---	3141	3243	3111
	---	---	---	---	---	3128	3234	3152
SE Clay Center	---	---	---	---	---	3035	3127	3103

1/ Precipitation totals not included in map above

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.