

NEBRASKA WEATHER & CROPS



For Week Ending May 23, 1999

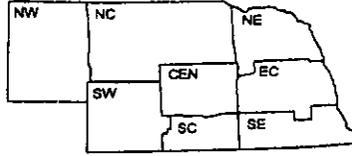
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Nebraska Department of Agriculture
Division of Agr'l Statistics
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WEATHER

Temperatures across the State averaged near normals or slightly above for the week. Precipitation across Nebraska averaged from forty-eight hundredths in the Northwest to almost two and one-half inches in the Southeast

GENERAL

Rain, rain, and more rain! Wet weather once again held back field work last week. Some areas received heavy rainfall causing erosion and replanting of corn in a few fields. Strong thunderstorms caused hail damage to isolated fields. Producers concentrated on spring planting last week with great strides being made to get the seed in the ground. Alfalfa weevils and potato leafhoppers were showing up in many alfalfa fields around the State. Soil temperatures have been cool. Warmer soil temperatures are needed for sunflowers and dry edible bean planting. Farm activities included the planting of row crops, preparing for sunflower and dry bean planting, applying fertilizer and herbicide, and working and moving cattle to pastures

CROPS

Corn planted was at 89%, behind 98% last year, but same as average. Corn emerged was at 45%, above 18%

CROPS (cont.)

last year, but below the average of 56%. Corn condition was 3% poor, 19% fair, 71% good, and 7% excellent. Southeastern growers were slightly behind the State average at 81% complete.

Soybeans planted moved slowly to 30%, behind 76% last year and average of 51%. Soybeans emerged was at 3%, behind 29% last year and 16% average

Sorghum planted was at 12%, far behind 57% last year and 40% average. Only 2% had emerged.

Winter wheat condition rated 2% poor, 14% fair, 72% good and 12% excellent. Wheat jointed was at 97%, above 88% last year, and average. Wheat headed was at 30%, ahead of 26% last year and 16% average.

Oats planted was at 100% complete. Oats emerged was at 99%. Oats condition rated 12% fair, 67% good, and 21% excellent

Alfalfa condition rated 1% poor, 13% fair, 64% good, and 22% excellent. Alfalfa first cutting was 2% completed.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition rated 1% poor, 8% fair, 69% good, 22% excellent. Pastures are good, but would be excellent if warm temperatures were steady. Many producers are keeping cattle out of pasture to encourage growth.

FIELD WORK PROGRESS AS OF MAY 23, 1999	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	S				
	PERCENT											
% Corn Planted	86	96	88	89	85	98	96	81	89	73	98	89
% Corn Emerged	27	28	30	37	54	46	63	50	45	18	80	56
% Wheat Jointed	96	60	100	95	81	100	98	96	97	88	87	87
% Wheat Headed	0	10	2	10	29	50	62	59	30	2	26	16
% Sorghum Planted	na	58	4	16	9	24	15	10	12	5	57	40
% Sorghum Emerged	na	7	0	1	1	3	2	2	2	n/a	n/a	n/a
% Soybean Planted	na	56	30	31	28	55	33	28	30	12	76	51
% Soybean Emerged	na	3	1	5	2	5	3	5	3	1	29	16
% Dry Beans Planted	7	33	na	0	0	9	0	0	10	n/a	n/a	n/a
% Alfalfa First Cutting	0	0	3	3	2	0	2	4	2	n/a	n/a	n/a

DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF MAY 21, 1999

	41	45	41	32	23	41	18	14	30	48
Days Suitable	41	45	41	32	23	41	18	14	30	48
Topsoil Moisture - Very short	0	0	0	0	0	0	0	0	0	0
- Short	0	1	3	0	0	4	1	0	1	2
- Adequate	94	93	75	72	57	92	82	37	72	82
- Surplus	6	6	22	28	43	4	17	63	27	16
Subsoil - Very Short	0	0	0	0	0	0	1	0	0	0
- Short	0	3	1	1	0	13	8	3	3	4
- Adequate	100	94	98	87	66	85	85	50	81	84
- Surplus	0	3	1	12	34	2	6	47	16	12

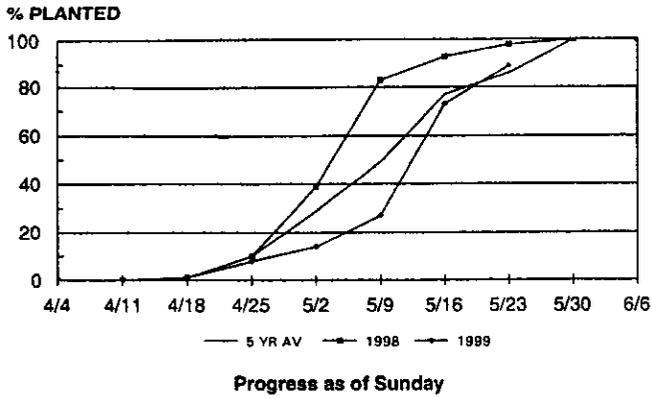
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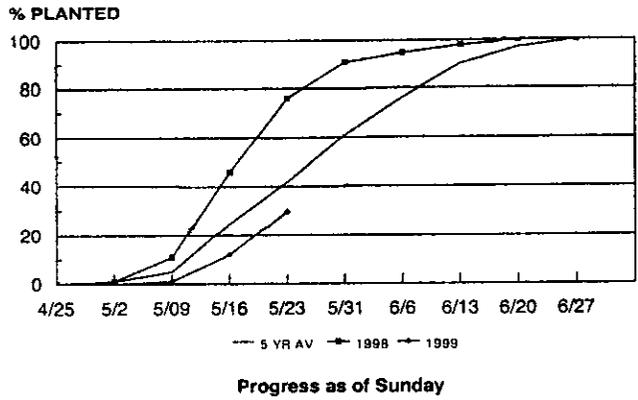
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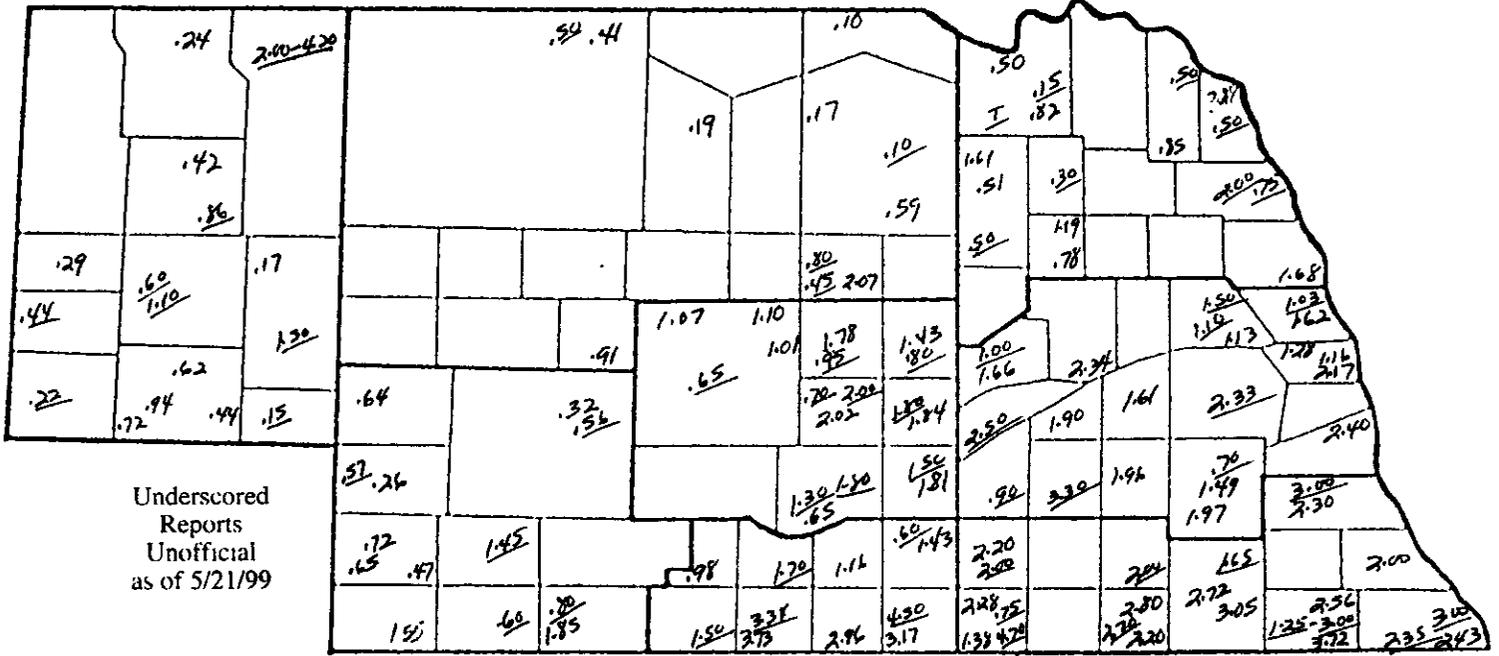
CORN PLANTED



SOYBEANS PLANTED



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, MAY 22, 1999



PRECIPITATION, APRIL 1 - MAY 22, 1999

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	48	63	124	141	175	81	224	247
Total since April 1	591	662	817	801	961	447	933	984
Normal since April 1	397	454	513	503	572	422	488	568
Total as % of normal	149%	146%	159%	159%	168%	106%	191%	173%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, MAY 22, 1999

Station	Temperature				Precipitation Total Inches	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW	Chadron	82	37	59	---	---	---	---
	Scottsbluff	83	39	58	29	78	257	306
	Sidney	81	38	56	94	69	228	306
NC	Valentine	82	38	59	41	---	---	---
	Arthur	---	---	---	---	73	256	319
	O'Neill	---	---	---	---	88	274	341
NE	Norfolk	80	38	63	+1	119	---	---
	Sioux City	83	42	65	+2	318	---	---
	Concord	---	---	---	---	99	305	349
	Elgin	---	---	---	---	89	275	350
	West Point	---	---	---	---	103	310	367
CEN	Grand Island	81	39	62	0	n/a	n/a	n/a
	Ord	80	36	63	---	90	298	356
	Kearney	---	---	---	---	93	307	361
EC	Lincoln	84	42	65	+2	149	340	390
	Omaha	83	45	66	+3	116	---	---
	Central City	---	---	---	---	93	311	367
	Mead	---	---	---	---	112	339	382
SW	Imperial	87	40	61	---	72	---	---
	North Platte	83	36	58	-1	32	84	294
	Curtis	---	---	---	---	87	306	355
SC	Holdrege	---	---	---	---	93	333	359
	Red Cloud	---	---	---	---	109	387	369
SE	Beatrice	---	---	---	---	106	334	389
	Clay Center	---	---	---	---	90	306	366

n/a - Not Available

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.