



# Nebraska Weather and Crops

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**Agricultural Summary:** For the week ending May 22, 2011, significant rainfall and below average temperatures were again recorded across the state, according to USDA's National Agricultural Statistics Service, Nebraska Field Office. Dry conditions during the first half of the week allowed corn planting to advance to near completion with soybean planting ahead of average. Crop and pasture conditions improved with the recent rains. However, heavy rains caused localized flooding and soil erosion in isolated areas. Dry bean planting was just underway and first cutting of alfalfa was limited.

**Weather Summary:** Temperatures for the week ranged from 3 degrees below normal in the east to 8 degrees below normal in the Panhandle. Highs were mostly in the 70's with a few locations reaching the 80's. Lows recorded were mostly in the 30's but dipped below freezing in parts of the west. Precipitation fell later in the week with districts averaging from 1 inch to over 2.5 inches.

**Soil Moisture and Days Suitable:  
Nebraska, Week Ending May 22, 2011**

|                      | This Week | Last Week | Last Year | Average |
|----------------------|-----------|-----------|-----------|---------|
| <i>Percent</i>       |           |           |           |         |
| <b>Topsoil</b>       |           |           |           |         |
| Very Short           | 0         | 0         | 0         | 6       |
| Short                | 3         | 12        | 3         | 17      |
| Adequate             | 79        | 80        | 87        | 70      |
| Surplus              | 18        | 8         | 10        | 7       |
| <b>Subsoil</b>       |           |           |           |         |
| Very Short           | 0         | 1         | 0         | 7       |
| Short                | 12        | 23        | 3         | 16      |
| Adequate             | 82        | 74        | 90        | 74      |
| Surplus              | 6         | 2         | 7         | 4       |
| <b>Days Suitable</b> | 3.1       | 4.0       | 3.6       | 5.2     |

**Field Crops Report:** Corn planting advanced to 94 percent complete, near 95 last year and average. Corn emerged was 55 percent, near 56 last year but two days behind 61 average.

Soybean planting was 68 percent complete, ahead of 60 last year and 64 average. Soybeans emerged was 20 percent ahead of last year's 14 and 18 average.

Wheat conditions rated 1 percent very poor, 12 poor, 32 fair, 48 good, and 7 excellent, below last year's 75 percent good to excellent and 60 average.

Wheat jointed was 78 percent, ahead of last year's 75 but below 91 average. Wheat headed was 8 percent, ahead of last year's 5, but six days behind 23 average.

Sorghum planting was 32 percent, ahead of 20 last year and near 35 average. Sorghum emerged was 6 percent, ahead of 5 last year and equal to average.

Oats condition rated 0 percent very poor, 2 poor, 12 fair, 80 good, and 6 excellent, below last year's 91 percent good to excellent but ahead of 79 average. Oats emerged was at 84 percent, behind 97 last year and 98 average.

Dry Beans planted was 1 percent, behind 5 last year and 10 average.

Alfalfa rated 0 percent very poor, 3 poor, 23 fair, 65 good, and 9 excellent, below last year's 88 percent good to excellent, but above 72 average. First cutting of alfalfa was 4 percent complete, behind last year's 11 and 14 average.

Wild hay conditions rated 0 percent very poor, 3 poor, 27 fair, 63 good, and 7 excellent, below 90 percent good to excellent last year.

**Crop Progress: Nebraska, Week Ending May 22, 2011**

| Crop                            | This Week | Last Week | Last Year | Average |
|---------------------------------|-----------|-----------|-----------|---------|
| <i>Percent</i>                  |           |           |           |         |
| Alfalfa 1 <sup>st</sup> Cutting | 4         | 1         | 11        | 14      |
| Corn Planted                    | 94        | 84        | 95        | 95      |
| Corn Emerged                    | 55        | 21        | 56        | 61      |
| Dry Beans Planted               | 1         |           | 5         | 10      |
| Oats Emerged                    | 84        | 77        | 97        | 98      |
| Sorghum Planted                 | 32        | 17        | 20        | 35      |
| Sorghum Emerged                 | 6         | 1         | 5         | 6       |
| Soybeans Planted                | 68        | 40        | 60        | 64      |
| Soybeans Emerged                | 20        | 2         | 14        | 18      |
| Wheat Jointed                   | 78        | 71        | 75        | 91      |
| Wheat Headed                    | 8         | 1         | 5         | 23      |

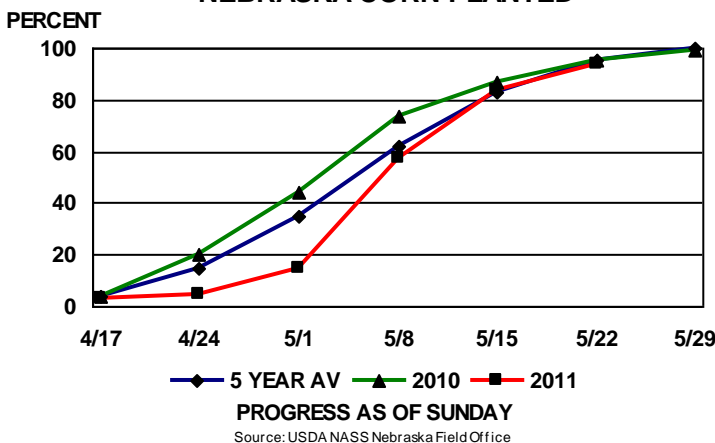
**Crop Condition: Nebraska, Week Ending May 22, 2011**

| Crop           | Very Poor | Poor | Fair | Good | Excellent |
|----------------|-----------|------|------|------|-----------|
| <i>Percent</i> |           |      |      |      |           |
| Alfalfa        | 0         | 3    | 23   | 65   | 9         |
| Oats           | 0         | 2    | 12   | 80   | 6         |
| Wheat          | 1         | 12   | 32   | 48   | 7         |
| Wild Hay       | 0         | 3    | 27   | 63   | 7         |

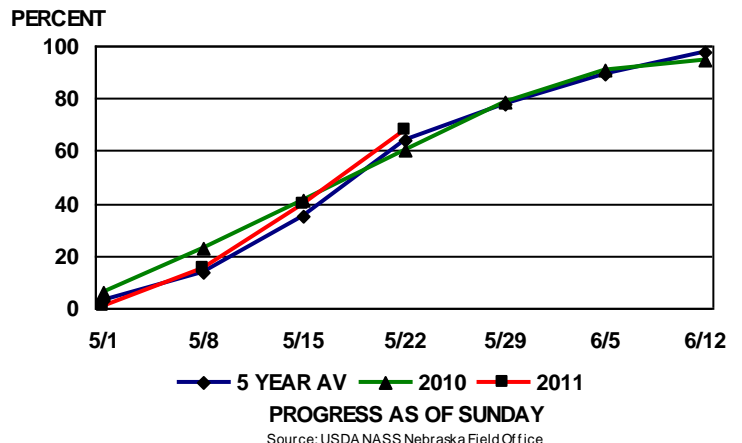
**Livestock, Pasture and Range Report:** Pasture and range conditions rated 0 percent very poor, 3 poor, 21 fair, 70 good, and 6 excellent, well below last year's 87 good to excellent but above 67 average.

*This release is based on data from FSA county directors, county extension educators, NOAA, and the High Plains Regional Climate Center. County comments and reports can be found at: [http://www.nass.usda.gov/Statistics/by\\_State/Nebraska/Publications/Crop\\_Progress\\_&\\_Condition/NEcurrent.asp](http://www.nass.usda.gov/Statistics/by_State/Nebraska/Publications/Crop_Progress_&_Condition/NEcurrent.asp)*

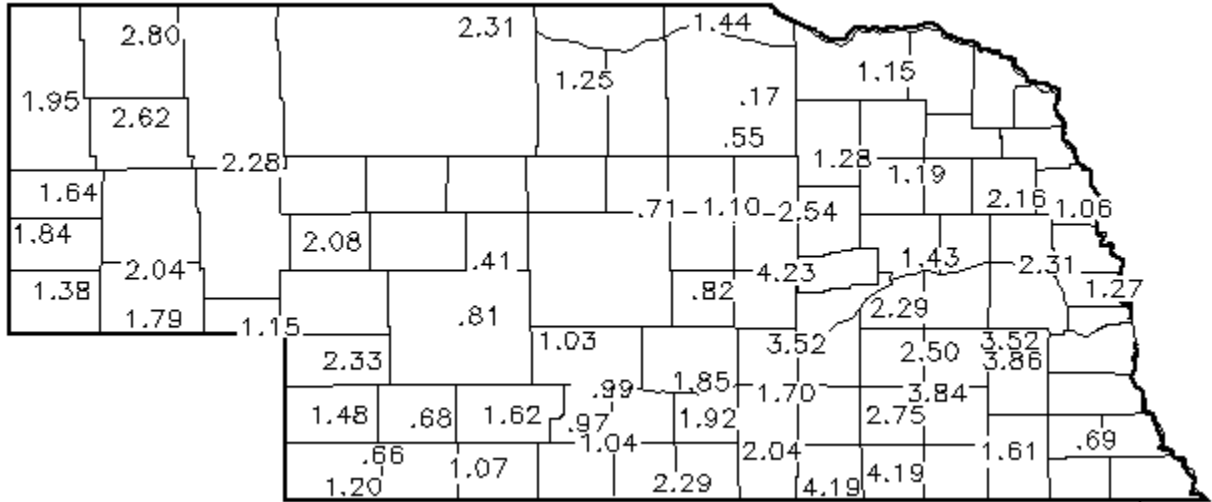
**NEBRASKA CORN PLANTED**



**NEBRASKA SOYBEANS PLANTED**



**Precipitation in Inches for Week Ending 8:00 a.m. May 22, 2011**



**Precipitation: By District, Nebraska, May 16 – May 22, 2011**

| Item                 | NW   | NC   | NE   | CEN  | EC   | SW   | SC   | SE   |
|----------------------|------|------|------|------|------|------|------|------|
| Total past week      | 1.86 | 1.05 | 1.52 | 2.42 | 2.53 | 1.07 | 1.47 | 2.07 |
| Total since April 1  | 6.02 | 4.93 | 6.31 | 6.85 | 7.71 | 5.44 | 5.43 | 6.09 |
| Normal since April 1 | 3.91 | 4.46 | 5.33 | 5.10 | 5.59 | 4.22 | 4.98 | 5.70 |
| Total as % of normal | 156% | 111% | 118% | 134% | 138% | 129% | 108% | 106% |

**Temperature and Growing Degree Days: By Location, Nebraska, Week Ending Sunday, May 22, 2011**

| Station | Temperature  |     |         |           | Growing Degree Days Since April 15 |         |        |     |
|---------|--------------|-----|---------|-----------|------------------------------------|---------|--------|-----|
|         | Extremes     |     | Average | Departure | Last Week                          | Current | Normal |     |
|         | High         | Low |         |           |                                    |         |        |     |
| NW      | Alliance     | 68  | 30      | 50        | -9                                 | 138     | 172    | 326 |
|         | Scottsbluff  | 73  | 38      | 52        | -7                                 | 165     | 207    | 324 |
|         | Sidney       | 72  | 33      | 51        | -9                                 | 154     | 195    | 341 |
| NC      | Ainsworth    | 71  | 32      | 55        | -7                                 | 167     | 220    | 353 |
|         | Arthur       | 71  | 34      | 52        | -9                                 | 159     | 202    | 351 |
|         | O'Neill      | 74  | 36      | 57        | -5                                 | 175     | 239    | 357 |
| NE      | Concord      | 75  | 38      | 58        | -5                                 | 199     | 269    | 366 |
|         | Elgin        | 72  | 39      | 57        | -5                                 | 195     | 257    | 363 |
|         | West Point   | 76  | 38      | 60        | -4                                 | 224     | 304    | 378 |
| C       | Grand Island | 77  | 33      | 58        | -4                                 | 237     | 305    | 362 |
|         | Lexington    | 75  | 32      | 56        | -6                                 | 216     | 276    | 358 |
|         | Ord          | 72  | 28      | 56        | -6                                 | 210     | 269    | 359 |
| EC      | Central City | 77  | 32      | 58        | -5                                 | 249     | 318    | 365 |
|         | Lincoln      | 79  | 34      | 61        | -4                                 | 277     | 368    | 390 |
|         | Mead         | 78  | 37      | 61        | -4                                 | 260     | 349    | 390 |
| SW      | Champion     | 77  | 30      | 54        | -7                                 | 205     | 259    | 354 |
|         | Dickens      | 75  | 34      | 54        | -7                                 | 188     | 239    | 355 |
|         | McCook       | 80  | 32      | 57        | -5                                 | 249     | 316    | 357 |
| SC      | Minden       | 76  | 33      | 57        | -4                                 | 250     | 318    | 360 |
|         | Red Cloud    | 79  | 32      | 58        | -4                                 | 269     | 343    | 364 |
|         | Smithfield   | 75  | 33      | 56        | -6                                 | 204     | 264    | 359 |
| SE      | Beatrice     | 78  | 35      | 60        | -4                                 | 280     | 366    | 390 |
|         | Clay Center  | 78  | 34      | 58        | -4                                 | 253     | 326    | 364 |
|         | Nemaha       | 84  | 42      | 64        | -1                                 | 331     | 437    | 392 |

Source: High Plains Regional Climate Center and Nebraska State Climate Office