

Nebraska Wheat Crop Report

June 3, 2020

Sarah Morton
402-471-2358
sarah.morton@nebraska.gov

USDA Crop Progress Report for the week ending May 31, 2020

Topsoil moisture supplies rated 2% very short, 9% short, 82% adequate, and 7% surplus. Subsoil moisture supplies rated 2% very short, 9% short, 84% adequate, and 5% surplus. Winter wheat condition rated 2% very poor, 10% poor, 24% fair, 57% good, and 7% excellent. Winter wheat headed was 41%, near 38% last year, but well behind 66% average.

Northern Panhandle

The northern panhandle continues to be dry, seeing no moisture this past week. Heat has reached the upper 90's the past few days, and strong winds continued to dry out the topsoil. Subsoil moisture is also beginning to lack. The continued heat and dry conditions are causing heat stress on the wheat crop. A good rain would be welcome to the area. Between 35-45% of the wheat is headed out, though producers expect it to be 100% by this time next week. There have not been any reports of disease or pest in the area.

| Weather Temperatures - Alliance, NE | | | | | | | |
|-------------------------------------|-----|-----|-----|-----|-----|-----|------|
| June | 4th | 5th | 6th | 7th | 8th | 9th | 10th |
| High | 89 | 89 | 92 | 92 | 84 | 71 | 73 |
| Low | 54 | 63 | 61 | 55 | 49 | 45 | 45 |

- 4" soil moisture: 13-23% - 20" soil moisture: 16-19%
- 10" soil moisture: 15-20% - 40" soil moisture: 5-21%

Southern Panhandle

Producers in the southern panhandle reported receiving a little moisture over the weekend to help keep the soil in adequate condition. The region started the week off with high temperatures, helping with overall wheat growth. Across the region, the wheat is about 50% headed out. Producers have noticed that the early freezes resulted in tiller reduction in some fields leaving them with thinner stands. Foliar diseases haven't been present, though some producers have reported seeing sawfly around their fields. It was also noted that cheat grass has become visible in some fields, which may affect yields down the road. Overall, a majority of the wheat crop is reported to be in good to excellent condition.

| Weather Temperatures - Sidney, NE | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-----|------|
| June | 4th | 5th | 6th | 7th | 8th | 9th | 10th |
| High | 93 | 93 | 94 | 96 | 89 | 75 | 77 |
| Low | 57 | 64 | 63 | 58 | 51 | 48 | 47 |

- 4" soil moisture: 4-23% - 20" soil moisture: 9-31%
- 10" soil moisture: 12-34% - 40" soil moisture: 9-34%

Southwest

The wheat crop in the southwest corner is 95-100% headed. Producers have reported hot and dry conditions the past few days with another week of high temperatures and sunshine ahead. The region received little rain the past week leaving the crop a little stressed and in need of a good rain. The topsoil and subsoil moisture is reported at adequate. About 75-80% of the crop is in good to excellent condition with the remaining majority falling into the fair category. Spraying is wrapping up. Some producers have noticed areas with barley yellow dwarf, otherwise diseases and pests are hardly present.

| Weather Temperatures - McCook, NE | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-----|------|
| June | 4th | 5th | 6th | 7th | 8th | 9th | 10th |
| High | 96 | 97 | 99 | 100 | 95 | 79 | 81 |
| Low | 65 | 69 | 72 | 70 | 62 | 53 | 53 |

- 4" soil moisture: 4-35% - 20" soil moisture: 13-35%
- 10" soil moisture: 11-32% - 40" soil moisture: 12-33%

South Central

South central Nebraska has been hot and dry these past few days with temperatures reaching 100 degrees. Strong winds across the region have begun to dry out the topsoil and the area is in need of some rain. The wheat crop is 100% headed out and producers have wrapped up applying fungicide to it. There have not been any disease or pest pressure reported in the area.

| Weather Temperatures - Kearney, NE | | | | | | | |
|------------------------------------|-----|-----|-----|-----|-----|-----|------|
| June | 4th | 5th | 6th | 7th | 8th | 9th | 10th |
| High | 92 | 91 | 95 | 97 | 91 | 75 | 77 |
| Low | 65 | 67 | 73 | 71 | 63 | 53 | 54 |

- 4" soil moisture: 25-34% - 20" soil moisture: 21-40%
- 10" soil moisture: 30-38% - 40" soil moisture: 15-40%

Southeast

Producers in the southeast corner of the state reported that a majority of the wheat crop is close to fully headed and beginning to flower (Feekes 10.5.1 - 10.5.2). Fungicide is being applied in the region for scab prevention. Foliar diseases are minimal besides a few patches of barley yellow dwarf. Hot temperatures are expected this week but rain and cooler weather would be welcome after pollination. Overall, the crop is about two weeks behind in growth, though it still looks good.

| Weather Temperatures - Lincoln, NE | | | | | | | |
|------------------------------------|-----|-----|-----|-----|-----|-----|------|
| June | 4th | 5th | 6th | 7th | 8th | 9th | 10th |
| High | 92 | 91 | 93 | 97 | 90 | 81 | 79 |
| Low | 69 | 70 | 75 | 74 | 69 | 59 | 58 |

- 4" soil moisture: 23-39% - 20" soil moisture: 28-40%
- 10" soil moisture: 31-40% - 40" soil moisture: 22-38%

