



CROP WEATHER

Released: October 18, 2004

Volume 04, No. 42

Agricultural Summary: Precipitation last week limited fieldwork to an average of 3.7 days, Statewide. Topsoil moisture was rated 1 percent very short, 14 percent short, 80 percent adequate, and 5 percent surplus. Subsoil moisture was rated 8 percent very short, 32 percent short, 59 percent adequate, and 1 percent surplus.

Field Crop Report: Seventy-three percent of **corn** has been harvested for grain, 12 points behind last year and 10 points behind the 5-year average. Ninety-five percent of the **soybeans** are dropping leaves, compared to 94 percent last year and 97 percent for the 5-year average. Sixty-one percent of the soybeans have been harvested, 31 points ahead of last year but the same as the 5-year average. Eighty-one percent of **sorghum** is mature, 10 points ahead of last year but 8 points behind the 5-year average. Thirty-four percent of sorghum has been harvested for grain, the same as last year but 24 points behind the 5-year average. Sorghum condition is rated 3 percent very poor, 9 percent poor, 25 percent fair, 45 percent good, and 18 percent excellent. Ninety-five percent of the **sunflowers** are in the ray flowers dry stage, compared to 100 percent for both last year and the 5-year average. Eighty-eight percent of the sunflowers are in the bracts yellow stage, compared to 100 percent for both last year and the 5-year average. Sixty-two percent of the sunflowers are in the mature dry down stage, compared to 91 percent last year and 93 percent for the 5-year average. Twenty-three percent of the sunflowers have been harvested, compared to 43 percent last year and 53 percent for the 5-year average. Sunflower condition is rated 2 percent very poor, 7 percent poor, 29 percent fair, 51 percent good, and 11 percent excellent. Eighty percent of **wheat** has been planted, compared to 83 percent last year and 86 percent for the 5-year average. Fifty-seven percent of the wheat has emerged, compared to 59 percent for both last year and the 5-year average. Wheat condition is rated 1 percent very poor, 2 percent poor, 16 percent fair, 69 percent good, and 12 percent excellent. Ninety-three percent of the **alfalfa** has been cut for the fourth time, compared to 76 percent last year and 89 percent for the 5-year average. **Cotton** condition is rated 5 percent very poor, 8 percent poor, 37 percent fair, 43 percent good, and 7 percent excellent.

Pasture and Range Report: Pasture and range conditions are rated 5 percent very poor, 20 percent poor, 37 percent fair, 33 percent good, and 5 percent excellent. Feed grain supplies are rated 2 percent very short, 6 percent short, 81 percent adequate, and 11 percent surplus. Hay and forage supplies are rated 1 percent very short, 7 percent short, 77 percent adequate, and 15 percent surplus. Stock water supplies are rated 2 percent very short, 15 percent short, and 83 percent adequate.

Cooperating Agencies
Kansas State Research & Extension Service
Weather Data Library, KSU Research and Extension Service
Kansas Agricultural Statistics Service

CONDITIONS FOR WEEK ENDING 10/17/04

| | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|------|------|------|-----------|
| Wheat | 1 | 2 | 16 | 69 | 12 |
| Sorghum | 3 | 9 | 25 | 45 | 18 |
| Range & Pasture | 5 | 20 | 37 | 33 | 5 |

CROP PROGRESS BY AGRICULTURAL STATISTICS DISTRICT AS OF 10/17/04

| | NW | WC | SW | NC | C | SC | NE | EC | SE | STATE | LAST WEEK | LAST YEAR | 5-YR AVG. |
|--------------|-----|----|----|----|----|----|-----|----|----|-------|-----------|-----------|-----------|
| Wht Planted | 93 | 92 | 68 | 74 | 80 | 84 | 80 | 66 | 47 | 80 | 70 | 83 | 86 |
| Wht Emerged | 75 | 77 | 43 | 43 | 58 | 64 | 31 | 38 | 27 | 57 | 43 | 59 | 59 |
| Soyb Shed | 100 | 99 | 90 | 98 | 98 | 99 | 100 | 94 | 83 | 95 | 90 | 94 | 97 |
| Soyb Harvest | 57 | 54 | 50 | 79 | 76 | 75 | 77 | 53 | 31 | 61 | 52 | 30 | 61 |
| Sorg Mature | 89 | 86 | 47 | 78 | 84 | 90 | 99 | 86 | 98 | 81 | 68 | 71 | 89 |
| Sorg Harvest | 28 | 21 | 11 | 27 | 42 | 48 | 55 | 47 | 73 | 34 | 27 | 34 | 58 |
| Corn Harvest | 56 | 41 | 62 | 70 | 88 | 87 | 79 | 89 | 96 | 73 | 64 | 85 | 83 |

DAYS SUITABLE AND SOIL MOISTURE CONDITIONS FOR WEEK ENDING 10/17/04

| | NW | WC | SW | NC | C | SC | NE | EC | SE | STATE | LAST WEEK | LAST YEAR | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|-----------|--|
| Days Suitable for Fieldwork | 3.8 | 2.9 | 2.7 | 4.3 | 3.3 | 3.2 | 5.4 | 4.3 | 3.0 | 3.7 | 4.2 | 5.8 | |
| Topsoil Moisture (Percent) | | | | | | | | | | | | | |
| Very Short | 1 | 1 | 0 | 1 | 0 | 0 | 5 | 0 | 0 | 1 | 4 | 15 | |
| Short | 1 | 11 | 6 | 22 | 6 | 4 | 41 | 20 | 12 | 14 | 18 | 23 | |
| Adequate | 98 | 83 | 81 | 75 | 92 | 85 | 54 | 80 | 73 | 80 | 74 | 56 | |
| Surplus | 0 | 5 | 13 | 2 | 2 | 11 | 0 | 0 | 15 | 5 | 4 | 6 | |
| Subsoil Moisture (Percent) | | | | | | | | | | | | | |
| Very Short | 33 | 12 | 4 | 11 | 8 | 1 | 5 | 2 | 5 | 8 | 11 | 27 | |
| Short | 42 | 39 | 27 | 58 | 27 | 15 | 49 | 24 | 18 | 32 | 36 | 29 | |
| Adequate | 25 | 49 | 60 | 31 | 65 | 83 | 46 | 74 | 77 | 59 | 52 | 43 | |
| Surplus | 0 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | |

TEMP. AND PRECIP. DATA, SELECTED SITES, FOR WEEK ENDING 10/17/04

| Station Dist City | Temperature | | | | | Precip | Station Dist City | Temperature | | | | | Precip |
|------------------------|-------------|-----|---------|-----|-----|--------|------------------------|-------------|-----|---------|-----|-----|--------|
| | Air | | Soil 4" | | Max | | | Air | | Soil 4" | | Max | |
| | Max | Min | Avg | Max | | | | Min | Max | Min | Avg | | |
| NW Colby | 68 | 30 | 50 | 64 | 43 | 0.49 | SC Hesston | 72 | 38 | 52 | 75 | 56 | 1.06 |
| WC Tribune | 76 | 30 | 51 | 72 | 62 | 0.38 | NE Powhatt | 67 | 33 | 52 | 64 | 50 | 0.53 |
| SW Grdn Cty | 71 | 31 | 51 | 64 | 51 | 0.38 | NE Manhat | 72 | 34 | 53 | 71 | 55 | 0.03 |
| NC Scandia | 70 | 30 | 50 | 63 | 45 | 0.01 | EC Ottawa | 68 | 35 | 51 | 63 | 51 | 0.81 |
| C Hays | 67 | 31 | 51 | 64 | 46 | 0.15 | EC Slvr Lk | 75 | 33 | 53 | 67 | 54 | 0.52 |
| SC Hutch | 70 | 37 | 53 | 75 | 64 | 0.54 | EC Rossvl | 73 | 31 | 53 | 67 | 52 | 0.40 |
| SC St John | 72 | 34 | 53 | 67 | 54 | 0.00 | SE Parsons | 73 | 42 | 56 | 77 | 45 | 0.66 |

Data collected by Automated Stations (above) may differ from official stations (below). Automated stations report through midnight on Sunday. Official reporting station data are through 8:00 a.m. Sunday. The map data are collected by individuals (one or more per county).

PRECIPITATION FOR WEEK ENDING OCTOBER 17, 2004

| | | | | | | | | | | | | | | | |
|------------------|-----------------|------------------|------------------|----------------|------------------|-----------------|-------------------|--------------------|------------------|------------------|-----------------|------------------|-----------------|------------------|------------------|
| Cheyenne 0.35 | Rawlins 0.42 | Dakota 0.43 | Norton 0.36 | Philps 0.32 | Smith 0.32 | Jewell 0 | Republic 0 | Washington 0.07 | Marshall 0 | Nemaha 0 | Brown 0.37 | Darphan 0.71 | | | |
| Sherman 0.98 | Thomas 0.58 | Shoshone 0.41 | Graham 0.26 | Rode 0.30 | Osbama 0.39 | Michell 0.38 | Clad 0.17 | Clay 0.30 | Riley 0.03 | Pottawa 0.35 | Jackson 0.49 | Atchison 0.54 | | | |
| Wilcox 0.32 | Logan 0.48 | Grant 0.38 | Trego 0.40 | Ellis 0.61 | Russell 0.48 | Lincoln 0.39 | Clats 0.48 | Clats 0.48 | Goery 0.54 | Wabikon 0.87 | Shawnee 0.48 | Johnson 0.65 | Lawson 0.63 | Wym 0.33 | |
| Grant 0.53 | Wichita 0.48 | Scott 0.43 | Lane 0.49 | Ness 0.40 | Rush 0.48 | Barton 0.95 | Ellsworth 0.48 | Driggs 0.56 | Morrison 0.81 | Morrison 0.81 | Chase 0.95 | Douglas 0.74 | Johnson 0.75 | | |
| Hamilton 0.28 | Kearny 0.67 | Finney 0.57 | Hodgeman 0.77 | Phelan 0.49 | Stefford 0.75 | Pera 1.98 | Havvy 0.89 | Martin 0.67 | Chase 0.95 | Lyon 1.09 | Chase 0.95 | Franklin 0.91 | Miami 0.98 | | |
| Stanton 0.50 | Grant 0.60 | Haskell 0.55 | Gray 0.44 | Ford 0.72 | Edwards 0.44 | Phel 1.34 | Kingman 1.38 | McPherson 0.84 | Martin 0.67 | Chase 0.95 | Chase 0.95 | Anderson 0.54 | Lin 1.70 | | |
| Martin 0.63 | Stevens 0.67 | Seward 1.00 | Moade 0.65 | Clark 0.43 | Comanche 0.93 | Barber 0.87 | Harper 1.71 | Sumner 1.71 | Chase 0.95 | Chase 0.95 | Chase 0.95 | Woodson 1.37 | Allen 1.19 | Barston 1.27 | |
| | | | | | | | | | | | | Wilson 1.77 | Ness 1.46 | Crawford 0.91 | |
| | | | | | | | | | | | | Cherokee 2.09 | Montgom 2.05 | Lakota 1.60 | Cherokee 1.35 |

Omission of an entry indicates report not received.