



# Crop Progress - State Stories

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**ALABAMA:** Days suitable for fieldwork was 6.1. Topsoil moisture 1% very short, 9% short, 63% adequate, 27% surplus. Subsoil moisture 8% short, 67% adequate, 25% surplus. Corn emerged 96%, 89% last week, 90% 2013, 94% avg. Corn silking 1%, na% last week, 0% 2013, 3% avg. Corn condition 1% poor, 19% fair, 71% good, 9% excellent. Soybeans planted 49%, 40% last week, 28% 2013, 41% avg. Soybeans emerged 37%, 30% last week, 15% 2013, 25% avg. Winter wheat headed 98%, 96% last week, 98% 2013, 97% avg. Winter wheat harvested 10%, 2% last week, 3% 2013, 10% avg. Winter wheat condition 1% very poor, 2% poor, 17% fair, 61% good, 19% excellent. Hay harvested first cutting 58%, 33% last week, 47% 2013, and 58% avg. Livestock condition 1% very poor, 2% poor, 24% fair, 57% good, 16% excellent. Pasture and range condition 1% very poor, 3% poor, 26% fair, 52% good, 18% excellent. The week's average mean temperatures ranged from 70.7 F in Coden to 77.0 F in Montgomery; total precipitation ranged from 0.00 inches over most of the state to 0.10 inches in Geneva. Sunshine and summerlike temperatures dominated the state last week allowing fieldwork to shift into high gear. Cotton and peanut planting made good progress although still behind the 5-year average. However, there were still some areas in south Alabama that producers were unable to get to as a result of earlier excessive rain. Producers stepped up fertilizer and spraying operations last week. Warmer temperatures aided wheat maturity and harvest activities picked up. Haying operations for the first cutting moved forward. Livestock remained in good condition.

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**ALASKA:** Days suitable for fieldwork 6.5. Topsoil moisture 15% very short, 45% short, 40% adequate. Subsoil moisture 10% very short, 40% short, 50% adequate. Barley planted 100%. Oats planted 90%. Potatoes planted 60%. Hay supplies 65% very short, 25% short, 10% adequate. Livestock condition 30% fair, 50% good, 20% excellent. Pasture and range condition 5% very poor, 30% poor, 35% fair, 30% good. Temperatures in the main growing regions once again received little to no precipitation. The main farm activities for the week were planting small grains, potatoes and vegetables, irrigating, weed control, farm maintenance and fence repair.

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**ARIZONA:** Days suitable for field work 7.0 days. Topsoil moisture 3% very short, 35% short, 62% adequate, 0% surplus. Subsoil moisture 10% very short, 33% short, 57% adequate, 0% surplus. Cotton planting is 90 percent complete, 9 and 6 percentage points behind last year, and the 5-year average with conditions at fair to excellent. Conditions for cotton were 29% fair, 36% good, and 35% excellent. Arizona's alfalfa condition was rated in fair to excellent condition, depending on location. Harvesting occurred on over three-quarters of the alfalfa acreage across the State. Barley conditions are mostly good to fair, with 5 percent harvested, 49 and 11 percentage points behind last year and the 5-year average. Durum Wheat conditions are good to excellent, with 4 percent harvested, 13 and 2 percentage points behind last year and the 5-year average. Winter Wheat conditions are fair to excellent, depending on location, and 85 percent of the crop is headed, 5 percentage points behind last year, but 5 percentage points ahead of the 5-year average. This week there were 7 days suitable for field work. Watermelons, cantaloupes, honeydews onions and potatoes show movement this week. Drought conditions are persistent throughout the State, as not enough precipitation is received to overcome dry conditions. Range and Pastures were rated in very poor to good condition, depending on location. Conditions were 25% very poor, 30% poor, 29% fair, 15% good and 1% excellent.

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**ARKANSAS:** Days suitable for fieldwork 5.4. Topsoil moisture 1% very short, 15% short, 66% adequate, 18% surplus. Subsoil moisture 1% very short, 12% short, 70% adequate, 17% surplus. Corn reached 99% planted, 98% last week, 99% last year, 99% 5-year average; 97% emerged, 95% last week, 96% last year, 98% 5-year average. Corn condition 0% very poor, 2% poor, 22% fair, 60% good, and 16% excellent. Winter wheat reached 99% headed, 96% last week, 100% last year, 100% 5-year average. Winter wheat condition 0% very poor, 4% poor, 28% fair, 51% good, and 17% excellent. Pasture condition 1% very poor, 4% poor, 33% fair, 50% good, 12% excellent. Livestock condition 0% very poor, 2% poor, 29% fair, 59% good, and 10% excellent. Some areas of the state received minimal rainfall during last week. Producers continued to plant crops as weather permitted.

**CALIFORNIA:** Days suitable for field work 6 days. Topsoil moisture 50% very short, 30% short, 20% adequate, and 0% surplus. Subsoil moisture 30% very short, 55% short, 15% adequate and 0% surplus. A low pressure system moved into California on Monday bringing an unsettled weather pattern to the State from Monday through Wednesday. The system's main impact was in the mountains with scattered showers, isolated thunderstorms, and light snow at the highest elevations. Rainfall amounts in the mountains were less than half an inch throughout the period, mainly around the Mount Shasta region. The Central Valley remained dry from Redding to Bakersfield with high temperatures in the 70s, about 5 to 10 degrees below normal for mid-May due the low pressure. Southern California impacts were below normal temperatures also, in the 70s, throughout the period. The southern mountains did have minimal rain in a few isolated locations. On Thursday, the low pressure system moved into neighboring states. High pressure dominated most of the State throughout the Memorial Holiday weekend with temperatures near or above normal with no precipitation. Highs in the valley were mid-80s to mid-90s, mountain highs in the 70s, coastal highs 50s and lower 60s. Southern California highs were in the 80s to lower 90s and desert readings were 100 to 105 degrees. California weather over the holiday weekend was back to climatologic norms. Leaf area is expanding and growth rates have speeded up in many cotton fields. Thrips have been seen in cotton to varying degrees and mites have been observed in cotton in the southern region of the State. Alfalfa is quiet right now, but there have been several reports of armyworms, but no big hatches. Corn fields are emerging. Armyworms and spider mites had varying treatment levels. Oat hay harvest continued throughout the State. Rice fields are flooded and rice is emerging. Dry conditions in the southern Central Valley accelerated maturation of wheat and barley. Grape bloom was finishing up and bunches were developing. Grape growers continued to train vines and irrigate, fertilize, and apply sulfur to vineyards. Growers assessed heat damage from the previous week. Olive trees were setting fruit. Pomegranate trees continued to bloom and develop fruit. Apples growers were thinning fruit. Avocado bloom was ongoing. Early variety apricots, cherries, nectarines, peaches, and plums were harvested. Growers continued to thin fruit on later varieties. Reflective foil remained in stone fruit orchards to enhance fruit color. Prune fruit continued to develop; growers were thinning fruit where necessary. Kiwi vines continued to grow. Strawberry and blueberry harvests remained active. Late navel and Valencia orange harvest remained active. Walnut and pistachio growers were irrigating orchards and spraying for weeds. Nuts continued to develop on walnut trees; growers continued to monitor for codling moth. Kernel fill in almonds was nearly complete across the State. Blocks were treated for spider mites in the Southern San Joaquin Valley. In Siskiyou County, onions emerged and were impacted by high winds, weeds and diseases. In general, weed control and lack of water have impacted all crops in the county. In Stanislaus County, growers planted watermelon, cantaloupe and honeydew. Radishes, broccoli, onions, garlic, fava beans, and other vegetables were harvested for farmers markets. In Merced County, the tomatoes were growing well with very little indication of pests or diseases. In Monterey County, full harvest continued for lettuce and brassica. In San Mateo County, peas and squash were growing well in the mild weather. In Fresno County, early tomatoes were growing nicely with very few pest issues. In Tulare County, Italian squash harvest continued. In Kern County, there was increased worm activity in tomatoes. Cattle continue to require supplemental feeding and nutrients. The exodus of cattle out of California remained active. Cattle were moved to higher elevation pastures. Range and pasture conditions are poor to very poor at the lower elevations.

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**COLORADO:** Days suitable for field work 5.6 days. Topsoil moisture 15% very short, 35% short, 48% adequate, 2% surplus. Subsoil moisture 26% very short, 29% short, 44% adequate, 1% surplus. Showers and storms concentrated east of the Front Range replenished soil moisture supplies and in some cases, improved crop conditions. Planting activity was slowed as a result of the soggy conditions that followed. Hail was reported in localized areas with damage to crops in some cases. Planting activities throughout the San Luis Valley were in full swing as precipitation was limited to isolated rain events. It was noted that irrigation diversions within the San Luis valley were occurring in greater frequency last week. Spring barley emerged 91% this week, 70% last week, 83% last year, 90% average; condition 2% very poor, 3% poor, 22% fair, 47% good, 26% excellent. Spring wheat seeded 97% this week, 93% last week, 99% last year, 98% average; emerged 72% this week, 55% last week, 75% last year, 81% average; condition 1% poor, 49% fair, 49% good, 1% excellent. Winter wheat jointed 87% this week, 68% last week, 83% last year, 91% average; headed 38% this week, 19% last week, 9% last year, 45% average; condition 24% very poor, 16% poor, 31% fair, 26% good, 3% excellent. Corn planted 93% this week, 83% last week, 88% last year, 90% average; emerged 55% this week, 24% last week, 53% last year, 49% average. Dry beans planted 8% this week, 6% last week, 7% last year, 17% average. Potatoes fall inside SLV planted 96% this week, 65% last week, 87% last year, 88% average; emerged 11% this week, 5% last week, 3% last year, 5% average. Potatoes fall outside SLV planted 93% this week, 87% last week, 96% last year, 78% average; emerged 65% this week, 40% last week, 40% last year, 39% average; condition 30% fair, 70% good. Sorghum planted 25% this week, 24% last week, 12% last year, 22% average. Sugarbeets emerged 91% this week, 62% last week, 43% last year, 59% average; condition 1% very poor, 6% poor, 30% fair, 54% good, 9% excellent. Sunflowers planted 3% this week, 2% last

week, 9% last year, 17% average. Alfalfa progress 1st cutting 7% this week, 1% last week, 8% last year, 14% average. Livestock condition 3% poor, 28% fair, 63% good, 6% excellent. Pasture and range conditions 13% very poor, 26% poor, 27% fair, 32% good, 2% excellent. Statewide, mountain snowpack is 189% of average as of May 27.

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**DELAWARE:** Days suitable for fieldwork, 5. Topsoil moisture; 1% very short, 4% short, 82% adequate and 13% surplus. Subsoil moisture; 0% very short, 3% short, 86% adequate and 11% surplus. Alfalfa condition; 1% very poor, 2% poor, 12% fair, 79% good, 6% excellent. Apple condition; 3% very poor, 5% poor, 25% fair, 62% good, 5% excellent. Barley condition; 1% very poor, 2% poor, 12% fair, 80% good, 5% excellent. Other hay condition; 1% very poor, 2% poor, 15% fair, 75% good, 7% excellent. Pasture Condition; 2% very poor, 4% poor, 23% fair, 29% good, and 42% excellent. Peach conditions; 4% very poor, 7% poor, 22% fair, 58% good, 9% excellent. Wheat conditions; 1% very poor, 4% poor, 16% fair, 74% good, 5% excellent. Alfalfa 1st Cutting; 50% this year, 88% last year, 78% five year average. Apples Full Bloom; 93% this year, - last year, - five year average. Barley Coloring; 7% this year, 32% last year, 38% five year average. Cantaloupe Planted; 64% this year, 60% last year, 62% five year average. Corn Planted; 89% this year, 94% last year, 93% five year average. Corn Emerged; 65% this year, 54% last year, 73% five year average. Cucumbers Planted; 29% this year, 45% last year, 45% five year average. Lima Beans planted; 27% this year, 29% last year, 39% five year average. Other Hay 1st Cutting; 47% this year, 93% last year, 79% five year average. Snap Beans planted; 29% this year, 45% last year, 54% five year average. Soybeans planted; 29% this year, 35% last year, 40% five year average. Soybeans Emerged; 7% this year, 16% last year, 19% five year average. Strawberries Harvested; 9% this year, 26% last year, 53% five year average. Sweet Corn Planted; 66% this year, 74% last year, 67% five year average. Tomatoes Planted; 71% this year, 70% last year, 71% five year average. Watermelon Planted; 68% this year, 73% last year, 74% five year average. Winter Wheat Headed; 92% this year, 97% last year, - five year average. Hay and Roughage Supplies; 0% very short, 16% short, 81% adequate and 3% surplus. Field activities for the week include plowing, planting, and applying fertilizer.

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**FLORIDA:** Days suitable for field work 6.5. Topsoil moisture very short 1%, 36% short, 58% adequate, 5% surplus. Subsoil moisture 2% very short, 30% short, 62% adequate, 6% surplus. Peanut planting continued Jackson, Washington, Suwannee counties. Peanuts planted reported at 72 percent, ahead of last year's and the 5-year average of 68 percent. Gulf, Walton county farmers harvesting late winter wheat. Jefferson, Gadsden, Gulf, Suwannee counties continued to plant soybeans. Topsoil in Suwannee County drying out, irrigation needed to keep topsoil wet. Jackson, Okaloosa, Walton, Washington, Hamilton counties farmers planting cotton. Planting of field corn continued, Flagler, Putnam counties. Farmers in Panhandle, north, central Florida harvesting watermelons, green beans, sweet corn, potatoes. Last of strawberries being harvested in Bradford County. Vegetable producers cleaning up fields in southwest Florida as the season neared an end. Miami-Dade County; planting boniato, malanga, okra, bitter melon. Vegetables, fruits coming to market in southwest; blueberries, cabbage, cantaloupe, sweet corn, cucumbers, eggplant, peppers, radishes, squash, tomatoes, watermelons. Pasture condition 7% poor, 36% fair, 53% good, 4% excellent. Cattle condition 3% poor, 30% fair, 62% good, 5% excellent. Some pasture in north Florida still under water. Hot weather in south Florida stressed pasture. Cattle condition primarily good, pasture condition fair to good. Rainfall in the citrus producing area was sparse. Abnormally dry conditions returned to southernmost citrus growing region. Next season's crop progressing well; early oranges and grapefruit golf ball size. Nutritional and post bloom sprays being applied, fertilizing, irrigating, mowing, and resetting trees continued. Processing plants primarily running Valencia oranges. Packinghouses finished for season, some taking late oranges.

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**GEORGIA:** Days suitable for fieldwork 5.9. Topsoil moisture 1% very short, 15% short, 68% adequate, 16% surplus. Subsoil moisture 1% very short, 7% short, 77% adequate, 15% surplus. Range and pasture condition 0% very poor, 6% poor, 34% fair, 50% good, 10% excellent. Blueberry condition 0% very poor, 0% poor, 23% fair, 41% good, 36% excellent. Blueberries harvested 50%, 52% 2013. Corn condition 1% very poor, 5% poor, 31% fair, 57% good, 6% excellent. Hay 1st Cutting 68%, 63% 2013. Oat condition 0% very poor, 6% poor, 45% fair, 45% good, 4% excellent. Oats harvested 28%, 30% 2013. Onions harvested 80%, 83% 2013. Peach condition 0% very poor, 2% poor, 10% fair, 86% good, 2% excellent. Peaches harvested 9%, 37% 2013. Peanuts planted 70%, 63% 2013. Rye condition 0% very poor, 5% poor, 44% fair, 46% good, 5% excellent. Rye Harvested 25%, 41% 2013. Sorghum planted 55%, 34% 2013. Soybeans planted 36%, 29% 2013. Tobacco condition 1% very poor, 3% poor, 31% fair, 54% good, 11% excellent. Watermelon condition 0% very poor, 5% poor, 34% fair, 52% good, 9% excellent. Winter wheat condition 0% very poor, 6% poor, 33% fair, 53% good, 8% excellent. Winter wheat harvested 16%, 18% 2013. Precipitation estimates for the state

ranged from no rain up to 0.9 inches. Average high temperatures ranged from the low 80s to the mid 90s. Average low temperatures ranged from the mid 50s to the high 60s.

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**HAWAII: DATA NOT AVAILABLE**

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**IDAHO:** Days suitable for field work 6.6 days. Topsoil moisture 2% very short, 22% short, 72% adequate, 4% surplus. Subsoil moisture 10% short, 89% adequate, 1% surplus. Winter wheat condition 1% poor, 13% fair, 73% good, 13% excellent. Winter wheat headed 13%, 0% 2013, 3% avg. Barley emerged 86%, 79% 2013, 71% avg. Barley condition 1% poor, 20% fair, 64% good, 15% excellent. Corn planted 74%, 75% 2013, 74% avg. Corn emerged 63%, 44% 2013, 31% avg. Dry beans planted 61%, 59% 2013, 39% avg. Dry beans emerged 34%, 35% 2013, 15% avg. Dry peas planted 98%, 89% 2013, 83% avg. Dry peas emerged 69%, 55% 2013, 45% avg. Oats emerged 91%, 76% 2013, 67% avg. Onions dry emerged 97%. Potatoes planted 98%, 93% 2013, 92% avg. Potatoes emerged 27%, 27% 2013, 18% avg. Spring wheat emerged 94%, 85% 2013, 79% avg. Spring wheat condition 22% fair, 65% good, 13% excellent. Sugarbeets emerged 88%, 92% 2013, 88% avg. Irrigation water supply conditions 2% very poor, 4% poor, 25% fair, 59% good, 10% excellent. Pasture and range conditions 21% fair, 65% good, 14% excellent. Temperatures across the state ranged to 2 degrees and 7 degrees above normal for the week. All weather stations reported below normal precipitation levels. Reports suggest that warm weather conditions have helped crops progress quickly. Good weather assisted wrapping up of spring planting. Southwest region reported indicate that first cutting of alfalfa hay was cut or in the bale, and the warm weather conditions assisted in good crop conditions. Most crops continued to be ahead of the five year average. Reporters in the southeast region of the state reported that irrigation season is in full swing and that irrigation system set up was a major agricultural activity done this week. State wide extension educators reported that irrigation water supply was mostly good to excellent. Caribou County extension agent reported that cattle were moving to summer range and calves were in good condition. Major agricultural activities included planting of beans, corn, peas and potatoes.

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**ILLINOIS:** Days suitable for fieldwork 5.0. Topsoil moisture 1% very short, 12% short, 76% adequate, 11% surplus. Subsoil moisture 4% very short, 20% short, 72% adequate, 4% surplus. Oats planted 90%, 95% 2013, 98% avg. Temperatures averaged 67.1 degrees, 1.7 degrees above normal. Statewide precipitation averaged 0.19 inches, 0.74 inches below normal. Warm temperatures allowed operators to resume fieldwork last week. Besides planting, operators spent time spraying chemicals and cutting hay. There were scattered storms throughout the state including some hail in the northwest, but overall conditions were warm and humid.

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**INDIANA:** Days suitable for fieldwork, 4.0. Topsoil moisture 5% short, 65% adequate, 30% surplus. Subsoil moisture 4% short, 75% adequate, 21% surplus. Winter wheat jointed 92%, 2013 95%, 98% 5ya. Corn condition 2% very poor, 6% poor, 24% fair, 53% good, 15% excellent. Temperatures for Indiana ranged from a low of 35° to a high of 88° for the week, with daily averages ranging between 60° and 71°. Many areas in northern districts received no precipitation for the week, while more southern areas received as much as 1.87 inches, with scattered hail reported. Heavy rains two weeks ago and cool temperatures at the beginning of last week contributed to localized flooding of fields across the state and crusting of newly planted plots. Warm temperatures and dry conditions in the latter half of the week encouraged vigorous planting in most areas, including replanting of any fields damaged by hail or flood. Some newly emerged corn started out yellow this week, but has improved as conditions warmed. Farmers finished with planting were side-dressing their corn and soy fields, and wheat fields were being sprayed for weeds and disease. Many hay farmers began their first cutting of alfalfa this week. Other activities included manure hauling and mowing roadsides.

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**IOWA:** Days suitable for fieldwork 5.3. Topsoil moisture 2% very short, 14% short, 77% adequate, and 7% surplus. Subsoil moisture 7% very short, 25% short, 63% adequate, and 5% surplus. Alfalfa 1st cutting 7%, 0% 2013, 19% average. All hay condition 0% very poor, 3% poor, 34% fair, 49% good, 14% excellent. Warm temperatures and below normal precipitation allowed soybean planting and crop progress to advance rapidly during the week. Other activities for the week included spraying, herbicide application, and some rotary hoeing to help crusted fields. For the first time this season, both corn and soybean acreage planted were above the five year average. Livestock conditions were reported as favorable.

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**KANSAS:** Days suitable for fieldwork 5.3. Topsoil moisture supplies rated 30% very short, 36% short, 33% adequate, and 1% surplus. Subsoil moisture supplies rated 37% very short, 39% short, 24% adequate, and 0% surplus. Winter wheat coloring 11% 0% 2013, 20% avg. Sorghum emerged 3%, 2% 2013, 7% avg. Sunflowers emerged 1%, 0% 2013, 0% avg. Hay alfalfa condition 10% very poor, 25% poor, 42% fair, 21% good, 2% excellent. Hay alfalfa first cutting 43%, 21%

2013, 52% avg. Stock water supplies were rated 19% very short, 30% short, 51% adequate, and 0% surplus. Temperatures averaged 4 to 8 degrees warmer than normal across most of Kansas, with beneficial rains late in the week in many areas. Rainfall amounts of an inch or more were common in the east and north with lesser amounts elsewhere. Areas of the Flint Hills received the most rain last week, improving grass stands stunted by drought, and beginning to replenish some stock ponds. The impact of the previous weekend's freezing temperatures in the eastern third of Kansas was still being assessed.

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**KENTUCKY:** Days suitable fieldwork 5.2. Topsoil 4% short, 78% adequate, 18% surplus. Subsoil moisture 4% short, 82% adequate, 14% surplus. Precipitation averaged 0.56 inches, 0.55 inches below normal. Temperatures averaged 68 degrees, 2 degrees above normal. Corn condition 1% very poor, 2% poor, 19% fair, 66% good, 12% excellent. Winter wheat headed 91%, 89% 2013, 96% average. Winter wheat condition 2% very poor, 5% poor, 21% fair, 52% good, 20% excellent. Tobacco set 38%, 23% 2013, 33% average. All hay condition 2% very poor, 7% poor, 27% fair, 51% good, 13% excellent. Primary activities this week included planting corn, soybeans and tobacco, as well as harvesting hay.

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**LOUISIANA:** Days suitable for fieldwork, 6.8. Topsoil moisture 11% very short, 36% short, 50% adequate, 3% surplus. Subsoil moisture 4% very short, 29% short, 63% adequate, 4% surplus. Corn planted 100% this week, 100% last week, 100% last year, 100% average. Corn emerged 100% this week, 100% last week 100% last year, 100% average. Corn silked 0% this week, 3% last year, 23% average. Corn condition 0% very poor, 3% poor, 34% fair, 55% good, 8% excellent. Winter Wheat headed 100% this week, 97% last week, 100% last year, 100% average. Winter wheat coloring 93% this week, 78% last week, 89% last year, 97% average. Winter wheat harvested 17% this week, 0% last week, 5% last year, 46% average. Winter Wheat condition 0% very poor, 3% poor, 43% fair, 49% good, 5% excellent. Sweet potatoes planted 12% this week, 8% last week, 18% last year, 21% average. Hay first cutting 62% this week, 51% last week, 42% last year, 66% average. Sugarcane condition 5% very poor, 15% poor, 41% fair, 29% good, 10% excellent. Vegetables condition 1% very poor, 8% poor, 43% fair, 44% good, 4% excellent. Pasture condition 2% very poor, 16% poor, 39% fair, 40% good, 3% excellent. Livestock condition 1% very poor, 8% poor, 34% fair, 52% good, 5% excellent. The precipitation for this week was 0 throughout the state.

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**MARYLAND:** Days suitable for fieldwork, 6. Topsoil moisture; 0% very short, 1% short, 94% adequate and 5% surplus. Subsoil moisture; 0% very short, 5% short, 85% adequate and 10% surplus. Alfalfa condition; 1% very poor, 2% poor, 24% fair, 65% good, 8% excellent. Apple condition; 1% very poor, 1% poor, 6% fair, 79% good, 13% excellent. Alfalfa condition; 1% very poor, 2% poor, 24% fair, 65% good, 8% excellent. Barley condition; 2% very poor, 9% poor, 37% fair, 42% good, 10% excellent. Other hay condition; 2% very poor, 3% poor, 21% fair, 67% good, 7% excellent. Pasture Condition; 0% very poor, 1% poor, 12% fair, 65% good, and 22% excellent. Peach condition; 0% very poor, 5% poor, 9% fair, 80% good, 6% excellent. Wheat conditions; 1% very poor, 7% poor, 18% fair, 65% good, 9% excellent. Alfalfa 1st cutting; 74% this year, 77% last year, 67% five year average. Barley Headed; 90% this year, 98% last year, 99% five year average. Barley Coloring; 7% this year, 40% last year, 40% five year average. Cantaloupe Planted; 60% this year, 49% last year, 61% five year average. Corn Planted; 83% this year, 85% last year, 88% five year average. Corn Emerged; 61% this year, 66% last year, 69% five year average. Cucumbers Planted; 76% this year, 56% last year, 50% five year average. Lima Beans Planted; 36% this year, 53% last year, 40% five year average. Other Hay 1st cutting; 34% this year, 47% last year, 56% five year average. Snap Beans Planted; 51% this year, 59% last year, 46% five year average. Soybeans Planted; 30% this year, 24% last year, 31% five year average. Soybeans Emerged; 5% this year, 12% last year, 12% five year average. Strawberries Harvested; 17% this year, 9% last year, 36% five year average. Sweet Corn Planted; 76% this year, 57% last year, 61% five year average. Tomatoes Planted; 63% this year, 59% last year, 61% five year average. Watermelon Planted; 58% this year, 47% last year, 51% five year average. Winter Wheat Headed; 80% this year, 92% last year, 95% five year average. Hay and Roughage Supplies; 6% very short, 22% short, 71% adequate and 1% surplus. Field activities for the week include plowing, planting, and applying fertilizer.

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**MICHIGAN:** Days suitable for fieldwork 4.2. Topsoil moisture 1% short, 67% adequate, 32% surplus. Subsoil moisture 1% short, 68% adequate, 31% surplus. Winter wheat jointed 57%, winter wheat headed 2%. Oats planted 81%, 89% last year, and 93% five-year average. Oats emerged 56%, 72% last year, and 81% five-year average. Barley planted 60%, barley emerged 42%. Range and pasture condition 5% very poor, 12% poor, 32% fair, 39% good, 12% excellent. Precipitation for the week ending May 25 ranged between 0.07 inch and 0.60 inch in the Upper Peninsula and between 0.00 inch and 0.83 inch in the Lower Peninsula. Temperatures ranged from 36 degrees to 88 degrees, with a state average of 59.2 degrees Fahrenheit. Drier and warmer weather this week resulted in favorable conditions for planting and growth in most parts of the state. Farmers worked to catch up after several weeks where cold temperatures and excess soil

moisture limited fieldwork opportunities. Field activities mainly consisted of planting row crops, tillage, spreading manure and fertilizer, and spraying of wheat. Hay and pasture are in good condition, and fruit trees are blossoming.

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**MINNESOTA:** Days suitable for fieldwork 5.0. Topsoil moisture rated 0% very short, 4% short, 81% adequate, and 15% surplus. Subsoil moisture rated 0% very short, 6% short, 83% adequate, and 11% surplus. Despite the progress made during the week, planting progress and crop development remain well behind the five year average. There were scattered reports of corn being replanted in western Minnesota. The first cutting of alfalfa hay has begun across the southern part of the state.

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**MISSISSIPPI:** Days suitable for field work 6.7. Topsoil moisture 3% very short, 31% short, 55% adequate, 11% surplus. Subsoil moisture 2% very short, 21% short, 62% adequate, 15% surplus. Winter wheat 98% headed this week, 96% last week, 100% 2013, 100% Avg. Winter wheat 2% harvested, 0% last week, 0% 2013, 14% Avg. Winter wheat condition was 0% very poor, 1% poor, 27% fair, 56% good, 16% excellent. Corn 100% planted this week, 97% last week, 98% 2013, 100% Avg. Corn 96% emerged this week, 89% last week, 95% 2013, 99% Avg. Corn condition was 0% very poor, 5% poor, 26% fair, 50% good, 19% excellent. Hay, first cutting, 52% cut this week, 35% last week, 22% 2013, 70% Avg. Peanuts 59% planted this week, 41% last week, 39% 2013, 62% Avg. Peanuts 37% emerged this week, 22% last week, 20% 2013, 38% Avg. Sorghum 72% planted this week, 55% last week, 29% 2013, 72% Avg. Sorghum 55% emerged this week, 33% last week, 14% 2013, 61% Avg. Sweet potatoes 16% planted this week, 5% last week, 0% 2013, 13% Avg. Watermelon 77% planted this week, 74% last week, 66% 2013, 91% Avg. Watermelon condition was 0% very poor, 3% poor, 55% fair, 36% good, 6% excellent. Livestock condition was 0% very poor, 3% poor, 24% fair, 58% good, 15% excellent. Pasture and range condition was 1% very poor, 7% poor, 29% fair, 53% good, 10% excellent. Blueberries condition was 0% very poor, 1% poor, 28% fair, 66% good, 5% excellent. Most of the state was dry this week with only the North-Central and Northeast areas receiving under an inch of rain, with Fulton receiving 1.88 inches.

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**MISSOURI:** Days suitable for fieldwork 5.3. Topsoil moisture 3% very short, 21% short, 72% adequate, 4% surplus. Subsoil moisture 10% very short, 31% short, 58% adequate, 1% surplus. Alfalfa first cutting 37%, 27% 2013, 34% avg. Other hay cut 15%, 11% 2013, 18% avg. Hay and roughage supplies 1% very short, 8% short, 83% adequate, 8% surplus. Stock water supplies 11% short, 86% adequate, 3% surplus. Temperatures averaged 3.3 degrees above normal. Rain averaged only 0.42 inches statewide.

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**MONTANA:** Days suitable for field work 5.9, 4.6 last year. Topsoil moisture 4% very short, 7% last year; 11% short, 20% last year; 73% adequate, 67% last year; 12% surplus, 6% last year. Subsoil moisture 2% very short, 12% last year; 13% short, 29% last year; 79% adequate, 55% last year; 6% surplus, 4% last year. Canola 91% planted, 94% last year. Canola 40% emerged, 42% last year. Corn 73% planted, 80% last year. Corn 43% emerged, 33% last year. Dry beans 79% planted, 66% last year. Dry beans 17% emerged, 23% last year. Dry peas 93% planted, 96% last year. Dry peas 60% emerged, 32% last year. Flaxseed 87% planted, 85% last year. Flaxseed 28% emerged, 29% last year. Lentils 92% planted, 96% last year. Lentils 30% emerged, 19% last year. Oats 79% planted, 87% last year. Oats 39% emerged, 53% last year. Potatoes 35% planted, 70% last year. Potatoes 12% emerged, 23% last year. Durum wheat 84% planted, 64% last year. Durum wheat 29% emerged, 12% last year. Sugarbeets 75% emerged, 41% last year. Livestock grazing 70% open, 86% last year; 12% difficult, 10% last year; 18% closed, 4% last year. Livestock receiving supplemental feed – cattle & calves 20%, 24% last year. Livestock receiving supplemental feed – sheep & lambs 21%, 19% last year. Livestock birthing – calving completed 94%, 100% last year. Livestock birthing – lambing completed 90%, 93% last year. Livestock moved to summer ranges – cattle and calves 72%, 64% last year. Livestock moved to summer ranges – sheep and lambs 75%, 63% last year. The week ending May 25 was much warmer and drier than recent weeks for much of the state of Montana. While there has been some concern of possible flooding, the warmer, drier weather allowed producers to make good headway in the field and crop development has improved. There have been reports of farmers needing to reseed winter kill winter wheat and hauled out sugar beets in some areas of the state. Glendive received the highest amount of precipitation at 1.39 inches of moisture. The high temperatures for Montana ranged from upper 70s to lower 90s. Low temperatures ranged from the lower 20s to the mid 40s.

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**NEBRASKA:** Days suitable for fieldwork 5.5. Topsoil moisture supplies rated 9% percent very short, 28% short, 60% adequate, and 3% surplus. Subsoil moisture supplies rated 17% very short, 31% short, 51% adequate, and 1% surplus. Hay alfalfa rated 1% very poor, 10% poor, 39% fair, 43% good and 7% excellent. Hay alfalfa 1st cutting, 10%, 2013 2%, 24% five year average. Stock water supplies rated 5% very short, 11% short, 83% adequate, and 1% surplus. For the week ending May 25, 2014, precipitation across the Panhandle and drought-stricken southwestern counties was received early

in the week with an inch or more common. Rain also fell over the weekend across the southeast and east central areas but missed most northeastern counties. Statewide, corn planting was virtually complete and soybean planting was winding up. Temperatures averaged 4 to 6 degrees above normal.

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**NEVADA:** Days suitable for fieldwork 4.6. Topsoil Moisture 20% Very Short, 35% Short, 45% Adequate. Subsoil moisture 30% Very Short, 40% Short, 30% Adequate. Rains from Monday through Thursday slightly improved subsoil moisture and pasture and range conditions. High temperatures in the northwest area of the State spurred forage growth. Potatoes were planted and winter wheat had begun to head. There were reports of alfalfa weevil and aphids, but growth has been generally good. First cutting of alfalfa was winding down across the State by week's end. Temperatures were at or above normal for most of the State but slightly below normal in Eureka, Tonopah and Las Vegas. Las Vegas had a high of 96 degrees and Ely had a low of 26 degrees. Overnight lows were also at or below freezing in Winnemucca and Eureka. The Las Vegas weather station reported the largest departure from normal with an average temperature 3 degrees below normal. A storm system moved into the State at the beginning of the week and stayed until Thursday, after which temperatures increased. Every station reported at least trace precipitation with Reno recording over half an inch throughout the week.

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**NEW ENGLAND:** Days suitable for fieldwork, 4.5. Topsoil moisture; 0% very short, 1% short, 44% adequate and 55% surplus. Subsoil moisture; 0% very short, 1% short, 51% adequate, 48% surplus. Blueberries, wild progress; 56% green tip, 47% pink, 8% full bloom. Blueberries, tame progress; 94% green tip, 80% pink, 53% full bloom, 5% petal fall. Cranberries progress (MA); 70% pink. Strawberries progress; 80% green tip, 54% pink, 20% full bloom. Corn all progress; 37% planted, 11% emerged. Hay all progress; 3% first cutting. Potatoes all progress; 2% planted. Apples all progress; 92% green tip, 76% pink, 59% full bloom, 34% petal fall. Peaches all progress; 81% pink, 76% full bloom, 52% petal fall. Pears all progress; 93% green tip, 66% pink, 40% full bloom, 39% petal fall. Pasture and range; 0% very poor, 2% poor, 26% fair, 57% good, 15% excellent. Sweet corn all progress; 38% planted, 16% emerged. CT Valley binder; 11% planted. CT Valley wrapper; 42% planted.

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**NEW JERSEY:** Days suitable for fieldwork, 6.0. Topsoil moisture; 0% very short, 3% short, 75% adequate and 22% surplus. Subsoil moisture; 0% very short, 0% short, 77% adequate and 23% surplus. Apples all progress; 85% pink, 75% full bloom. Corn all planted; 79% planted, 52% emerged. Hay Alfalfa conditions; 1% very poor, 8% poor, 36% fair, 48% good, 7% excellent. Other Hay conditions; 1% very poor, 3% poor, 43% fair, 38% good, 15% excellent. Pasture and range conditions are; 4% very poor, 5% poor, 19% fair, 43% good, and 29% excellent. Peaches all progress; 89% pink, 86% full bloom. Winter Wheat conditions; 2% very poor, 4% poor, 31% fair, 57% good, 6% excellent. Field activities for the week included planting squash, beets, leeks, peppers, tomatoes, eggplant, basil, sweet corn and collards. The following crops are being harvested arugula, asparagus, snap beans, beets, lettuce, cilantro, parsley, summer dandelion, dill, escarole, endive, green onions, kale, leeks, mint, peas, spinach, radishes and Swiss chard. A hailstorm hit portions of Salem and Gloucester Counties on Thursday afternoon, May 22ns. There was extensive damage on some farms. In Cumberland County the Hail storm causing damage to several crops including strawberries, wheat, corn and greens. Producers are cutting and bailing rye straw.

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**NEW MEXICO:** Days suitable for fieldwork 5.0. Topsoil moisture 48% very short, 19% short and 33% adequate. Subsoil moisture 42% very short, 21% short and 37% adequate. Alfalfa first cutting 61% complete, 52% 2013, 82% avg; 1% very poor, 2% poor, 41% fair, 45% good and 11% excellent. Corn 58% planted, 57% 2013, 78% avg; emerged 34%, 24% 2013, 39% avg. Sorghum 15% planted, 5% 2013, 26% avg. Winter wheat 65% headed, 56% 2013, 88% avg; 39% very poor, 25% poor, 12% fair, 11% good and 13% excellent. Cotton 70% planted, 73% 2013, 85% avg. Peanuts 25% planted, 27% 2013, 40% avg; 10% very poor, 45% poor and 45% fair. Lettuce 85% harvested, 78% 2013, 87% avg; 10% fair, 45% good and 45% excellent. Chile 99% planted, 95% 2013, 98% avg; 2% very poor, 3% poor, 34% fair, 56% good and 5% excellent. Pecan nut set 10% heavy, 90% moderate; 24% fair, 39% good and 37% excellent. Cattle 1% very poor, 25% poor, 53% fair, 20% good and 1% excellent. Sheep 19% very poor, 25% poor, 49% fair and 7% good. Range and pasture 28% very poor, 44% poor, 23% fair and 5% good. A slow moving low pressure system from the west brought much needed rain, especially the eastern plains. Showers and thunderstorms, some severe, produced periods of heavy rainfall, lightning and hail in some areas.

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**NEW YORK:** Days suitable for fieldwork, 4.0. Topsoil moisture, 0% very short, 1% short, 46% adequate, and 53% surplus. Subsoil moisture, 0% very short, 0% short, 53% adequate, 47% surplus. Spring tillage complete, 68% this week and 51% the previous week. Barley planted, 59% this week and 42% previous week. Barley emerged, 25% this week.

Cabbage planted, 12% this week and 9% previous week. Corn planted, 37% this week, 16% previous week, 72% last year and 67% average. Corn emerged, 14% this week. Hay first cutting, 5% this week. Oats planted, 72% this week, 50% previous week, 96% last year and 87% average. Onions planted, 53% this week, 30% previous week, 97% last year and 91% average. Potatoes planted, 37% this week, 27% previous week, 62% last year and 68% average. Snap beans planted, 32% this week, 22% previous week, 14% last year and 16% average. Soybeans planted, 18% this week, 2% previous week, 36% last year and 32% average. Sweet corn planted, 48% this week, 29% previous week, 44% last year and 46% average. Winter wheat jointed, 71% this week and 42% previous week. Winter wheat booted, 8% this week. Apples green tip, 92% this week, 78% previous week, 100% last year and 100% average. Apples pink, 80% this week, 48% previous week, 100% last year and 100% average. Peaches green tip, 90% this week, 69% previous week, 100% last year and 100% average. Peaches pink, 75% this week, 51% previous week, 99% last year and 100% average. Pears green tip, 95% this week, 70% previous week, 100% last year and 100% average. Pears pink, 80% this week, 47% previous week, 98% last year and 100% average. Sweet cherries green tip or earlier, 88% this week, 60% previous week, 100% last year, and 100% average. Sweet cherries half inch green to pink, 70% this week, 44% previous week, 99% last year, and 100% average. Tart cherries green tip, 88% this week, 78% previous week, and 100% last year. Tart cherries half inch green to pink, 70% this week, 25% last week and 100% last year. Hay alfalfa condition, 3% very poor, 5% poor, 37% fair, 46% good, 9% excellent. Hay other than alfalfa condition, 3% very poor, 6% poor, 37% fair, 46% good, 8% excellent. Pasture and range condition, 6% very poor, 8% poor, 38% fair, 39% good, 9% excellent. Winter wheat condition, 1% very poor, 8% poor, 34% fair, 48% good, 9% excellent. Field activities for the week include hauling and spreading manure, applying fertilizer, plowing and planting of fields, spraying of trees, and fixing machinery.

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**NORTH CAROLINA:** Days suitable for field work 6.3. Topsoil moisture 1% very short, 18% short, 65% adequate and 16% surplus. Subsoil moisture 1% very short, 11% short, 71% adequate and 17% surplus. Corn planted was rated at 98%, cotton at 87%, peanuts at 73%, soybeans at 43%, sweet potatoes at 25%, flue-cured tobacco at 92% and burley tobacco at 53%. Corn emerged was rated at 91% with soybean emerged at 30%. Overall crop conditions fall within the fair to good ratings as of this week. Most of the state experienced below normal temperatures with some areas recording 4 degrees or lower below normal. The state received very little rain during the week.

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**NORTH DAKOTA:** Days suitable for fieldwork 5.5. Topsoil moisture 0% very short, 2% short, 69% adequate, 29% surplus. Subsoil moisture 0% very short, 1% short, 78% adequate, 21% surplus. Winter wheat conditions 3% very poor, 17% poor, 39% fair, 39% good, 2% excellent. Winter wheat jointed 33%. Durum wheat planted 37%, 50% 2013, 60% average. Durum wheat emerged 10%, 17% 2013, 35% average. Canola planted 45%, 39% 2013, 63% average. Canola emerged 11%, 8% 2013, 32% average. Flaxseed planted 21%, 22% 2013, 45% average. Dry edible peas planted 63%, 78% 2013, 78% average. Dry edible peas emerged 15%, 14% 2013, 43% average. Dry beans planted 13%, 7% 2013, 32% average. Potatoes planted 19%, 26% 2013, 56% average. Potatoes emerged 2%, 0% 2013, 12% average. Cattle/Calf conditions 0% very poor, 2% poor, 12% fair, 69% good, and 17% excellent. Calving 95% complete. Cattle/Calf death loss 33% below normal, 65% normal, 2% above normal. Sheep/Lamb conditions 0% very poor, 1% poor, 14% fair, 75% good, and 10% excellent. Lambing 97% complete. Sheep/Lamb death loss 27% below normal, 71% normal, 2% above normal. Shearing 96% complete. Stock water supplies 0% very short, 1% short, 79% adequate, and 20% surplus. Good planting progress was made with corn two-thirds complete and producers focus turning to soybeans. Precipitation was received over the weekend with amounts of an inch common across most of the northeast. Soils will again need time to dry before fieldwork can resume. Temperatures averaged 4 to 8 degrees above normal in most areas. Pasture growth has responded well to the warmer temperatures and ample moisture. .

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**OHIO:** Days suitable for fieldwork 3.2. Topsoil moisture 54% adequate, 46% surplus. Subsoil moisture 62% adequate, 38% surplus. Winter wheat jointing 92%, NA 2013, NA avg. Precipitation in areas around the state for the week ranged between 0 inches and 3.55 inches, with a state average of 0.91 inches. Average temperatures in areas around the State ranged from 55 degrees to 66 degrees, with a state average of 63.3 degrees Fahrenheit. Despite rain in the early parts of the week, growers were able to plant and do other necessary fieldwork later in the week as warm temperatures dried out some fields. In some areas, the low lying areas are still underwater and may need to be replanted. While producers planted corn and soybeans when the weather allowed, both corn and soybeans planted are behind the five-year average, particularly soybeans. Hay fields are maturing, and growers are prepared to begin cutting hay. Winter wheat headed is behind schedule, and condition has remained largely unchanged with the steady rains and warm temperatures.

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**OKLAHOMA:** Days suitable for fieldwork 5.9. Topsoil moisture 48% very short, 28% short, 23% adequate, 1% surplus. Subsoil moisture 54% very short, 30% short, 15% adequate, 1% surplus. Rye condition 23% very poor, 20% poor, 48%

fair, 9% good; jointing 67% this week, 66% last week, 100% last year, 100% average; headed 66% this week, 62% last week, 97% last year, 99% average. Oats condition 29% very poor, 27% poor, 24% fair, 16% good, 4% excellent; jointing 75% this week, 70% last week, 97% last year, 96% average. Canola condition 57% very poor, 25% poor, 13% fair, 5% good; blooming 98% this week, 97% last week, 100% last year, 100% average; coloring 76% this week, 63% last week, N/A% last year, N/A% average. Winter wheat jointing 100% this week, 98% last week, 100% last year, 100% average. Corn seedbed prepared 99% this week, 99% last week, 97% last year, 99% average. Sorghum seedbed prepared 93% this week, 89% last week, 71% last year, 81% average. Soybean seedbed prepared 86% this week, 82% last week, 62% last year, 74% average. Peanut seedbed prepared 87% this week, 83% last week, 99% last year, 99% average. Cotton seedbed prepared 96% this week, 91% last week, 91% last year, 93% average. Alfalfa first cutting 51% this week, 41% last week, 49% last year, 72% average. Other Hay first cutting 31% this week, 26% last week, 21% last year, 36% average. Watermelons planted 56% this week, 53% last week, 88% last year, 85% average. Livestock condition 2% very poor, 8% poor, 44% fair, 41% good, 5% excellent. Pasture and range condition 20% very poor, 24% poor, 33% fair, 22% good, 1% excellent. Much needed rainfall was received in Oklahoma last week. For the first time in several months, the Southwest District lead the state with an average rainfall total of 3.04 inches, followed by the West Central and Northeast Districts, with average totals of 1.90 inches and 1.83 inches respectively. According the Oklahoma Mesonet Rainfall table, Hobart received the most precipitation last week, with a total of 4.78 inches. Rainfall in other areas of the state varied greatly, however areas of the state that needed it the most were somewhat relieved. Producers continued to plant row crops. Wheat fields continued to be disastered out, baled for hay, or otherwise abandoned due to the severe drought and freeze damage. Temperatures for the week ranged from a low of 47 degrees at Kenton on Thursday, May 22nd to a high of 103 degrees at Cherokee on Tuesday, May 20th.

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**OREGON:** Days suitable for field work 6.7 days. Topsoil Moisture 7% Very Short, 29% Short, 59% Adequate, 5% Surplus. Subsoil Moisture 7% Very Short, 30% Short, 62% Adequate, 1% Surplus. Range and Pasture 2% Very Poor, 20% Poor, 35% Fair, 41% Good, 2% Excellent. Winter Wheat Condition 4% Very Poor, 10% Poor, 38% Fair, 39% Good, 9% Excellent. Spring Wheat Condition 2% Very Poor, 3% Poor, 36% Fair, 56% Good, 3% Excellent. Barley Condition 2% Very Poor, 2% Poor, 48% Fair, 46% Good, 2% Excellent. Spring Wheat Emerged 99%, 94% 2013, 93% avg. Barley Emerged 97%, 83% 2013, 84% avg. Winter Wheat Headed 66%, 29% 2013, 24% avg. Hay 1st cutting 28%, 35% 2013, 22% avg. Wheat Headed Very Rapidly in Eastern Oregon. Days suitable for fieldwork were 6.7. Pasture and range conditions were reported to be 2% very poor, 20% poor, 35% fair, 41% good, and 2% excellent. In western Oregon grass continued to be taken off of forage fields. Producers continued spraying winter wheat for rust. Field corn planting continued. Spot spraying continued. Crimson clover was setting seeds. Producers were cutting red clover for silage. Winter wheat was headed out and looking great. Producers were starting to plant potatoes. Grass seed was all headed out and looking wonderful. Some tree fruits have less fruit this year due to poor pollination. Blueberry and strawberry bloom looked good. Raspberries were blooming. The weather pattern was excellent for grapes; lots of heat followed by lots of rain. Vegetable crops were growing well. Rhubarb was ready for cutting. Nursery sets were growing well. Range improvements were doing well for cattle and calves. Warmer days and nights allowed for rapid pasture growth. In eastern Oregon wheat began heading very rapidly. Despite the lack of very high temperatures the crops were suffering and showing a lot of drought/heat stress. Producers started their first cuttings of grass and alfalfa. Corn seeding was wrapping up both for grain and seed.

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**PENNSYLVANIA:** Days suitable for fieldwork, 4.0. Topsoil moisture, 0% very short, 1% short, 75% adequate, and 24% surplus. Subsoil moisture, 0% very short, 1% short, 79% adequate, 20% surplus. Spring tillage, 69% this week, 65% last week, n/a% last year, n/a% average. Corn planted, 63% this week, 51% last week, 82% last year, 74% average. Corn emerged, 40% this week, 14% last week, 46% last year, 43% average. Barley headed, 90% this week, 71% last week, 75% last year, 90% average. Barley coloring, 48% this week, n/a last week, 8% last year, 39% average. Oats planted, 93% this week, 89% last week, 99% last year, 95% average. Oats emerged, 81% this week, 67% last week, 95% last year, 86% average. Potatoes planted, 66% this week, 46% last week, 93% last year, 78% average. Soybeans planted, 32% this week, 16% last week, 56% last year, 49% average. Soybeans emerged, 10% this week, 3% last week, 26% last year, 21% average. Tobacco beds having plants up, 87% this week, 87% last week, n/a last year, n/a average. Tobacco transplanted or set, 7% this week, 2% last week, 26% last year, 31% average. Winter wheat headed, 37% this week, 6% last week, 72% last year, 79% average. Hay alfalfa first cutting, 22% this week, 5% last week, 28% last year, 42% average. Hay other than alfalfa first cutting, 9% this week, 2% last week, 9% last year, 20% average. Apples pink, 100% this week, 89% last week, n/a last year, n/a average. Apples full bloom, 97% this week, 87% last week, n/a last year, n/a average. Cherries half inch green to pink, 100% this week, 92% last week, n/a last year, n/a average. Cherries full bloom, 99% this

week, 92% last week, n/a last year, n/a average. Peaches pink 100% this week, 82% last week, n/a last year, n/a average. Peaches full bloom, 95% this week, 81% last week, n/a last year, n/a average. Winter Wheat condition, 0% very poor, 7% poor, 26% fair, 55% good, 12% excellent. Hay Alfalfa condition, 0% very poor, 1% poor, 28% fair, 57% good, 14% excellent. Hay Other condition, 0% very poor, 3% poor, 27% fair, 57% good, 13% excellent. Oats condition, 0% very poor, 0% poor, 21% fair, 63% good, 16% excellent. Quality of Hay Made, 0% very poor, 1% poor, 2% fair, 18% good, 79% excellent. Pasture condition, 4% very poor, 8% poor, 25% fair, 41% good, 22% excellent. Field activities for the week included plowing fields, planting crops, repairing equipment, spreading fertilizer and spraying fruit trees.

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**SOUTH CAROLINA:** Days suitable for fieldwork 6.1. Topsoil Moisture 4% very short, 20% short, 67% adequate, 9% surplus. Subsoil Moisture 0% very short, 20% short, 72% adequate, 8% surplus. Winter Wheat condition 1% very poor, 3% poor, 17% fair, 64% good, 15% excellent. Pasture and Range condition 0% very poor, 5% poor, 38% fair, 56% good, 1% excellent. Rye condition 0% very poor, 1% poor, 20% fair, 77% good, 2% excellent. Oats condition 0% very poor, 0% poor, 18% fair, 68% good, 14% excellent. Peaches condition 10% very poor, 13% poor, 47% fair, 20% good, 10% excellent. Livestock condition 0% very poor, 1% poor, 22% fair, 70% good, 7% excellent. Tomatoes condition 0% very poor, 0% poor, 45% fair, 52% good, 3% excellent. Cantaloupes conditions 0% very poor, 4% poor, 50% fair, 46% good, 0% excellent. Tobacco condition 0% very poor, 0% poor, 47% fair, 52% good, 1% excellent. Corn condition 0% very poor, 1% poor, 27% fair, 68% good, 4% excellent. Corn planted 99%, 100% 2013. Corn Emerged 98%, 99% 2013. Cotton planted 80%, 53% 2013. Winter Wheat headed, 98%, 99% 2013. Winter Wheat coloring 71%, 60% 2013. Winter wheat mature 44%, 12% 2013. Rye headed 95%, 100% 2013. Rye coloring 85%, 52% 2013. Rye mature 46%, 16% 2013. Oats headed 98%, 100% 2013. Oats coloring 83%, 64% 2013. Oats mature 56%, 16% 2013. Cantaloupes planted 83%, 98% 2013. Cucumbers planted 61%, 88% 2013. Snap beans planted 46%, 90% 2013. Watermelons planted 77%, 98% 2013. Tomatoes planted 66%, 100% 2013. Peanuts planted 90%, 68% 2013. Soybeans planted 44%, 40% 2013. Soybeans emerged 23%, 24% 2013. Tobacco transplanted 53%, 100% 2013. The state average temperature for the seven-day period was two degrees above the long-term average. The state average rainfall for the seven-day period was 0.3 inches.

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**SOUTH DAKOTA:** Days suitable for fieldwork 6.3. Topsoil moisture 1% very short, 12% short, 83% adequate, 4% surplus. Subsoil moisture 1% very short, 12% short, 84% adequate, 3% surplus. Winter wheat conditions 0% very poor, 6% poor, 36% fair, 56% good, 2% excellent. Winter wheat 28% jointed. Oats condition rated 0% very poor, 0% poor, 24% fair, 70% good, and 6% excellent. Cattle/Calf conditions 0% very poor, 0% poor, 14% fair, 73% good, 13% excellent. Calving 96% complete. Cattle/Calf death loss 18% below normal, 81% normal, 1% above normal. Sheep/Lamb conditions 0% very poor, 0% poor, 13% fair, 58% good, 29% excellent. Lambing 95% complete. Shearing 95% complete. Sheep/Lamb death loss 32% below normal, 67% normal, 1% above normal. Stock water supplies 0% very short, 8% short, 88% adequate, 4% surplus. Dry conditions and above normal temperatures across most areas of the state allowed planting progress to advance. Activities included mending fences, moving cattle to pasture, planting, and applying herbicide treatments.

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**TENNESSEE:** Days suitable 6.0. Topsoil moisture 10% short, 77% adequate, 13% surplus. Subsoil moisture 7% short, 83% adequate, 10% surplus. Dry, windy weather enabled producers to nearly finish planting corn and make substantial progress on cotton and soybean planting. Other farm activities included crop spraying, cutting hay, and setting tobacco. Pastures were in mostly good condition.

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**TEXAS:** Days suitable for fieldwork 5.4. Topsoil moisture 29% very short, 30% short, 34% adequate, 7% surplus. Subsoil moisture 31% very short, 39% short, 25% adequate, 5% surplus. Corn planted 97%, 93% 2013, 96% avg.; Corn emerged 88%, 77% 2013, 83% avg.; Corn silked 18%, 24% 2013, 29% avg. Cotton planted 49%, 46% 2013, 54% avg.; Cotton squaring 4%, 4% 2013, 7% avg. Peanuts planted 60%, 59% 2013, 79% avg. Rice planted 98%, 100% 2013, 99% avg.; Rice emerged 95%, 92% 2013, 91% avg. Sorghum planted 83%, 77% 2013, 78% avg.; Sorghum headed 20%, 28% 2013, 27% avg. Soybeans planted 65%, 88% 2013, 91% avg.; Soybeans emerged 50%, 68% 2013, 84% avg. Sunflowers planted 50%, 57% 2013, 49% avg. Winter Wheat headed 94%, 78% 2013, 93% avg.; Winter Wheat harvested 12%, 11% 2013, 11% avg. Oats headed 99%, 91% 2013, 97% avg.; Oats harvested 27%, 15% 2013, 30% avg. Winter Wheat condition 34% very poor, 31% poor, 23% fair, 11% good and 1% excellent. Oat condition 13% very poor, 20% poor, 35% fair, 26% good and 6% excellent. Range and pasture condition 15% very poor, 21% poor, 33% fair, 25% good and 6% excellent. Many areas across the state experienced significant rainfall along with warm temperatures. Areas of the Northern High and Low Plains, Edwards Plateau and South Texas received from two to five inches of precipitation, with many other areas receiving at least one inch. Meanwhile, areas of East Texas received only trace amounts of precipitation.

Winter wheat conditions improved in areas of the Northern High Plains that received recent rainfall. Small grain harvest was underway in the Blacklands and South Central Texas. Row Crops planting activities continued across the state. In the Northern High Plains, precipitation aided the growth of recently planted corn, cotton and sorghum. Corn was beginning to tassel in some areas. Producers sprayed cotton fields for thrips in areas of the Upper Coast. Sorghum headed out and made good progress in areas of the Coastal Bend. Soybeans emerged in the Blacklands and appeared to be in good condition. Rice planting continued in areas of the Upper Coast. Peanut planting began in South Texas. Pecan orchards continued to be treated for first generation case bearer insects. Onion harvest continued in areas of South Texas. In areas of North East Texas, producers were making preparations for blackberry and blueberry harvests. In South East Texas, more rain was needed as vegetables continued to develop. In the Coastal Bend, aphids damaged some recently planted sugarcane. Supplemental feeding continued in the Northern High Plains and the Coastal Bend even as pastures and forage greened up with recent rainfall. Fly pressure increased on cattle herds in the Blacklands as pastures began to dry.

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**UTAH:** Days suitable for field work 6.9. Top soil moisture 4% very short, 36% short, 59% adequate, 1% surplus. Subsoil Moisture 5% very short, 39% short, 55% adequate, 1% surplus. Corn planted 89%, 91% 2013, 81% 5-yr avg; emerged 61%, 68% 2013, 45% 5-yr avg. Winter wheat condition 5% poor, 23% fair, 55% good, 17% excellent. Barley condition 9% fair, 70% good, 21% excellent. Oats planted 95%, 94% 2013, 90% 5-yr avg; emerged 76%, 80% 2013, 72% 5-yr avg. Spring wheat emerged 95%, 96% 2013, 93% 5-yr avg; condition 19% fair, 63% good, 18% excellent. Apples full bloom 83%, 98% 2013, 90% 5-yr avg. Apricots 96% full bloom or past, 95% 2013, 98% 5-yr avg. Peaches full bloom 92%, 100% 2013, 99% 5-yr avg. Sweet Cherries full bloom 92%, 94% 2013, 97% 5-yr avg. Tart cherries full bloom 90%, 99% 2013, 93% 5-yr avg. Cows calved 96%, 98% 2013, 99% 5-yr avg. Cattle and calves condition 1% poor, 22% fair, 66% good, 11% excellent. Sheep and lambs moved to pasture 82%, 54% 2013, 86% 5-yr avg. Sheep and lamb condition 17% fair, 76% good, 7% excellent. Sheep and lambs farm flocks shorn 93%, 95% 2013, 97% 5-yr avg. Sheep and lambs range flocks shorn 95%, 90% 2013, 95% 5-yr avg. Sheep and lambs range flocks lambing 94%, 92% 2013, 90% 5-yr avg. Stock water supplies 2% very short, 22% short, 75% adequate, 1% surplus. Corn planting is almost done in Beaver County. Alfalfa is looking good. Some late frosts are slowing down crop growth. Most crops made good progress in Box Elder County due to warmer temperatures last week. Winter wheat is beginning to show a head in many areas. Producers are busy irrigating crops if they have irrigation water available. Dry farm wheat also looks very good at this point. Safflower has emerged and is about 2 inches tall. Most fields look to have a good stand. Many producers have been working on cutting hay this week as warm days and dry conditions were observed. Cache County continues to be beautiful and green. Crops are doing very well and growers are grateful for a good supply of irrigation water. Virtually all irrigation companies now have water in their canals and most growers are irrigating small grains, alfalfa and pastures. Corn is emerging nicely, some alfalfa hay is being cut, and most small grains have been sprayed with herbicides. Planting of crops is in final stages in Daggett County. Alfalfa is being irrigated and is looking good. Garfield County continues to have a dry spring. More moisture is needed. Cold weather has held back the first cutting of alfalfa in Morgan County but it is growing well now. Warm weather has brought green grass to the lower ranges of Rich County. Meadow land is being flooded with irrigation water. Sprinklers have not yet been turned on. Temperatures still drop below or near freezing most mornings. Crops are progressing well in Weber County. Growers will start harvesting first crop alfalfa this week. Corn planting is about completed.

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**VIRGINIA:** Days suitable for fieldwork 5.9. Topsoil moisture 1% very short, 12% short, 70% adequate, 17% surplus. Subsoil moisture 1% very short, 7% short, 78% adequate, 14% surplus. Cotton planted 83%, 87% 2013, 91% 5-yr avg. Peanuts planted 65%, 76% 2013, 74% 5-yr avg. Corn planted 82%, 90% 2013, 90% 5-yr avg. Corn emerged 65%, 81% 2013, 77% 5-yr avg. Soybeans planted 26%, 30% 2013, 33% 5-yr avg. Winter wheat headed 90%, 96% 2013, 98% 5-yr avg. Winter wheat 2% poor, 17% fair, 71% good, 10% excellent. Winter wheat harvested 2%, 0% 2013, 0% 5-yr avg. Barley 4% very poor, 4% poor, 26% fair, 62% good, 4% excellent. Barley harvested 15%, 15% 2013, 10% 5-yr avg. Oats 1% very poor, 3% poor, 31% fair, 58% good, 8% excellent. Oats harvested 7%, 3% 2013. Greenhouse tobacco 1% very poor, 1% poor, 31% fair, 53% good, 14% excellent. Tobacco plantbeds 35% fair, 64% good, 1% excellent. Flue-cured tobacco transplanted 86%, 81% 2013, 87% 5-yr avg. Fire-cured tobacco transplanted 68%, 56% 2013, 67% 5-yr avg. Burley tobacco transplanted 51%, 28% 2013, 38% 5-yr avg. Livestock 1% very poor, 3% poor, 24% fair, 64% good, 8% excellent. Pasture 2% very poor, 9% poor, 34% fair, 48% good, 7% excellent. Alfalfa hay 4% poor, 40% fair, 50% good, 6% excellent. Other hay 1% very poor, 8% poor, 39% fair, 48% good, 4% excellent. All apples 1% very poor, 1% poor, 46% fair, 52% good. Grapes 9% poor, 35% fair, 50% good, 6% excellent. Virginia experienced seasonable temperatures and a few isolated showers this week. Some places experienced 3/4 of an inch of rain, but the majority of the Old Dominion received no rain. Days suitable for fieldwork were 5.9. Dry weather was welcomed by those cutting hay. Hay

yields were reported down from normal, but quality was favorable. Those waiting to cut hay to optimize on yields were expected to have poorer quality. Good progress was made on corn, soybean, cotton, and peanut plantings this week; growers were still behind the 5 year average, but have double their efforts to make up for the delay. Other farming activities for the week included side-dressing corn, growing vegetables, and transplanting tobacco.

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**WASHINGTON:** Days suitable for fieldwork 6.8. Topsoil Moisture 7% Very Short, 41% Short, 49% Adequate and 3% Surplus. Subsoil Moisture 10% Very Short, 35% Short, 52% Adequate and 3% Surplus. Range and Pasture Conditions were 1% very poor, 5% poor, 50% fair, 39% good, and 5% excellent. Winter Wheat Condition 5% Very Poor, 16% Poor, 41% Fair, 36% Good, 2% Excellent. Spring Wheat Condition 2% Very Poor, 9% Poor, 46% Fair, 42% Good, and 1% Excellent. Barley Condition 2% Very Poor, 5% Poor, 41% Fair, 51% Good, 1% Excellent Green Peas Planted 92%, 90% PW, 95% PY, and 90% 5YA. Winter Wheat Headed 33%, 13% PW, 42% PY, 24% 5YA. Spring Wheat Emerged 98%, 90% PW, 97% PY, and 91% 5YA. Barley Planted 100%, 88% PW, and 100% PY, and 97% 5YA. Barley Emerged 100%, 74% PW, 92% PY, 83% 5YA. Potatoes Planted 97%, 90% PW, 95% PY, and 95% 5YA. Potatoes Emerged 60%, 35% PW, 81% PY, and 66% 5YA. Corn Planted 90%, 75% PW, 93% PY, and 86% 5YA. Corn Emerged 39%, 15% PW, 46% PY, and 36% 5YA. Dry Peas Planted 96%, 88% PW, 94% PY, and 91% 5YA. Dry Beans Planted 88%, 79% PW, 89% PY, and 85% 5YA. Dry Beans Emerged 68%, 23 PW. Alfalfa 1st Cutting 35%, 16% PW, 32% PY, and 32% 5YA. Hot and Dry Conditions Decreased Soil Moisture and Crop Conditions in Eastern Washington. The Palouse area was very dry and did not receive significant rainfall over the past 30 days. Most crops were starting to show signs of drought stress. Irrigation supplies were beginning to run short. Winter wheat was 33 percent headed. Most spring crops were planted and emerged. First cutting of hay continued. Some scattered showers were received on Friday but not enough to benefit many producers. Dry edible bean and pea planting neared completion. Average temperatures were generally warmer than normal, varying from 2 degrees to 8 degrees above normal. There was trace precipitation during the week. No crop losses due to weather conditions were reported. In western Washington tree fruits were done blooming. Raspberry bloom continued and most strawberries had set fruit. The first plantings of field corn were just in time for rains on Saturday. More green chop and grass silage were taken off as well.

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**WEST VIRGINIA:** Days suitable for fieldwork 6. Topsoil moisture was 2% very short, 9% short, 88% adequate, and 1% surplus compared to 2% very short, 18% short, 67% adequate, and 13% surplus last year. Subsoil moisture was 14% short, 85% adequate, and 1% surplus, comparison data not available. Hay and roughage supplies were 1% very short, 12% short, 85% adequate, and 2% surplus compared to 17% very short, 19% short, 63% adequate, and 1% surplus last year. Feed grain supplies were 1% very short, 12% short, 86% adequate, and 1% surplus compared to 1% very short, 9% short, 89% adequate, and 1% surplus last year. Corn was 50% planted, 44% in 2013, and 60% 5-year avg. Corn was 19% emerged, 15% in 2013, and 31% 5-year avg. Soybeans were 28% planted, 27% in 2013, and 41% 5-year avg. Soybeans were 3% emerged, comparison data not available. Winter wheat conditions were 3% poor, 37% fair, 59% good, and 1% excellent. Winter wheat was 54% headed, 42% in 2013, and 68% 5-year avg. Hay conditions were 1% very poor, 2% poor, 40% fair, 55% good, and 2% excellent. Apple conditions were 3% poor, 12% fair, 75% good, and 10% excellent. Peach conditions were 1% very poor, 8% poor, 15% fair, 73% good, and 3% excellent. Cattle and calves were 1% poor, 17% fair, 79% good, and 3% excellent. Sheep and lambs were 1% poor, 17% fair, 80% good, and 2% excellent. Farming activities included planting corn and soybeans. Home gardens are progressing with better weather conditions. Farmers are also preparing for hay season.

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**WISCONSIN:** Days suitable for fieldwork 5.3. Topsoil moisture 0% very short, 5% short, 76% adequate, and 19% surplus. Subsoil moisture 0% very short, 7% short, 81% adequate, and 12% surplus. Spring tillage complete, 74%, 72% 2013, 87% avg. Winter wheat headed 3%, n.a. 2013, n.a. avg. condition 1% very poor, 6% poor, 27% fair, 50% good, 16% excellent. Hay, alfalfa, first cutting 4%, 2% 2013, 17% avg. Hay, all types, condition 2% poor, 14% fair, 60% good, 24% excellent. Potatoes planted, 83%, n.a. 2013, n.a. avg. A solid five days of warm, dry, and sunny weather this week saw farmers racing to complete spring fieldwork. Though Monday's rains were heavy in the northwest, reporters in the area noted that farmers were able to get into fields by the weekend. Daytime highs climbed into the 80s across most of the state, warming soils and drying out muddy fields. With crop insurance deadlines looming, producers were reportedly working into the night to plant, spread manure, and apply chemicals. Planting, tillage, and emergence measures took a huge leap forward this week, though they were still trailing the five year average. Across the reporting stations, average temperatures last week were normal to 4 degrees above normal. Average high temperatures ranged from 71 to 75 degrees, while average low temperatures ranged from 47 to 51 degrees. Precipitation totals ranged from 0.14 inches in Madison and Milwaukee to 1.68 inches in Eau Claire.

**WYOMING:** Days suitable for fieldwork 5.5. Topsoil moisture 1% very short, 12% short, 84% adequate, 3% surplus. Subsoil moisture 14% short, 86% adequate. Barley planted 97%, 95% 2013, 93% 5-yr avg; emerged 79%, 71% 2013, 70% 5-yr avg; condition 1% poor, 3% fair, 84% good, 12% excellent. Oats planted 89%, 81% 2013, 81% 5-yr avg; emerged 53%, 50% 2013, 51% 5-yr avg; jointed 8%, 4% 2013, 8% 5-yr avg. Spring wheat planted 86%, 62% 2013, 72% 5-yr avg; emerged 50%, 43% 2013, 43% 5-yr avg; jointed 0%, 1% 2013, 5% 5-yr avg. Sugarbeets planted 100%, 72% 2013, 88% 5-yr avg; emerged 43%, 21% 2013, 34% 5-yr avg. Winter wheat jointed 77%, 60% 2013, 73% 5-yr avg; booted 8%, 3% 2013, 18% 5-yr avg; condition 2% poor, 47% fair, 51% good. Corn planted 84%, 80% 2013, 81% 5-yr avg; emerged 32%, 8% 2013, 16% 5-yr avg. Dry beans planted 41%, 20% 2013, 22% 5-yr avg. Alfalfa hay condition 7% poor, 9% fair, 69% good, 15% excellent. Other hay condition 3% poor, 17% fair, 74% good, 6% excellent. Livestock condition 2% poor, 20% fair, 71% good, 7% excellent. Spring calving 96%, 95% 2013, 96% 5-yr avg. Cattle and calf losses 40% light, 59% average, 1% heavy. Farm flock ewes lambed 98%, 94% 2013, 96% 5-yr avg. Range flock ewes lambed 85%, 65% 2013, 63% 5-yr avg. Sheep and lamb losses 44% light, 55% average, 1% heavy. Farm flock sheep shorn 96%, 96% 2013, 97% 5-yr avg. Range flock sheep shorn 96%, 74% 2013, 87% 5-yr avg. Irrigation water supplies 2% poor, 3% fair, 75% good, 20% excellent.

## Statistical Methodology

**Survey Procedures:** Crop progress and condition estimates included in this report are based on survey data collected each week from early April through the end of November. Additionally, survey respondents are contacted four times during the winter season – once per month in December, January, February, and March. The non-probability crop progress and condition surveys include input from approximately 4,000 respondents whose occupations provide them opportunities to make visual observations and frequently bring them in contact with farmers in their counties. Based on standard definitions, these respondents subjectively estimate the progress of crops through various stages of development, as well as the progress of producer activities. They also provide subjective evaluations of crop and soil moisture conditions. Any weather data mentioned in this report is provided by outside sources such as the National Oceanic and Atmospheric Administration (NOAA) and Agricultural Weather Information Service (AWIS).

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

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