



# Crop Progress - State Stories

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**ALABAMA:** Days suitable for fieldwork was 6.2. Topsoil moisture 9% very short, 36% short, 51% adequate, 4% surplus. Subsoil moisture 7% very short, 38% short, 53% adequate, 2% surplus. Corn dented 89%, 73% last week, 55% 2013, 71% avg. Corn mature 30%, 17% last week, 9% 2013, 32% avg. Corn harvested 2%, 0% last week, 0% 2013, 4% avg. Corn condition 3% poor, 13% fair, 59% good, 25% excellent. Soybeans blooming 78%, 71% last week, 65% 2013, 78% avg. Soybeans setting pods 60%, 53% last week, 40% 2013, 50% avg. Soybeans dropping leaves 0%, na% last week, 0% 2013, 2% avg. Soybeans condition 4% poor, 21% fair, 66% good, 9% excellent. Livestock condition 1% very poor, 2% poor, 24% fair, 62% good, 11% excellent. Pasture and range condition 1% very poor, 10% poor, 33% fair, 49% good, 7% excellent. The week's average mean temperatures ranged from 79.0 F in Haleyville to 84.4 F in Montgomery; total precipitation ranged from 0.17 inches in Bessemer to 1.48 inches in Birmingham. Hot, dry conditions prevailed most of the week. Welcomed rain moved over the state through the weekend benefitting crops, pastures, and hay. Corn harvest got underway. Livestock remained in mostly good condition while pasture was rated mostly good to fair.

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**ALASKA:** Days suitable for fieldwork 7.0. Topsoil moisture 15% short, 85% adequate. Subsoil moisture 100% adequate. Barley turning color 25%. Oats turning color 5%. First cutting hay 90% complete. Barley condition 25% fair, 40% good, 35% excellent. Oat condition 10% poor, 35% fair, 35% good, 20% excellent. All hay condition 25% fair, 55% good, 20% excellent. Potato condition 65% good, 35% excellent. Condition of pasture 15% fair, 70% good, 15% excellent. Wind and rain damage to crops 100% none. The main farm activities for the week were harvesting hay and vegetables, weed control, irrigation, farm maintenance.

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**ARIZONA:** Days suitable for field work 7.0 days. Topsoil moisture 1% very short, 35% short, 64% adequate. Subsoil moisture 8% very short, 33% short, 59% adequate. Arizona's alfalfa condition was rated in mostly excellent to fair condition, depending on location. Harvesting occurred on over three-quarters of the alfalfa acreage across the State. Seedless watermelons show movement this week. Some areas have received much needed moisture around the State, but not enough to overcome drought conditions. Range and Pastures were rated in very poor to fair condition, depending on location.

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**ARKANSAS:** Days suitable for fieldwork 5.7. Topsoil moisture 2% very short, 29% short, 54% adequate, 15% surplus. Subsoil moisture 2% very short, 21% short, 67% adequate, 10% surplus. Corn reached 97% doughing, 95% last week, 92% last year, 97% 5-year average; 89% dented, 75% last week, 77% previous year, 89% 5-year average; 50% mature, 39% last week, 21% last year, 48% 5-year average. Corn condition 0% very poor, 7% poor, 22% fair, 49% good, and 22% excellent. Pasture condition 1% very poor, 8% poor, 24% fair, 54% good, 13% excellent. Livestock condition 1% very poor, 2% poor, 17% fair, 66% good, and 14% excellent. Most of the state received rainfall last week. Producers continued to harvest crops as weather permitted.

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**CALIFORNIA:** Days suitable for fieldwork, 7. Topsoil moisture 50% very short, 30% short, 20% adequate. Subsoil moisture 35% very short, 45% short, 20% adequate. Monsoon moisture and an upper level low moved north through California early in the week then moved back southeast through the State mid-week. This brought some showers and thunderstorms along with some daily record rainfall amounts early in the week. An upper level trough lingered over Southern California late in the week as another upper low approached the Northern California coast. There was generally dry weather late in the week except areas of showers and thunderstorms over the mountains of Northern California. Daytime temperatures were generally near to below normal this week with a few locations even setting low maximum temperature records early in the week. Overnight lows were generally near to above normal, except for the desert which was below normal. A few high minimum temperatures were set earlier in the week due to the cloud cover. Alfalfa growth continued with aphids becoming problematic in scattered areas. Cotton continued to push along toward an early finish. Less than a quarter of the crop showed bolls opening by week's end. The crop was rated eighty-five percent good-to-

excellent. Rice fields continued to progress with nearly two-thirds of the crop headed by week's end. Safflower continued to develop. In Imperial County, corn and silage corn matured and some fields were chopped. Sudan grass and Bermuda grass were harvested. The peach, nectarine and fresh plum harvests continued. Cling peach harvest was ongoing. Prunes were progressing well in the Sacramento Valley and Yuba County. Table grape harvest continued, with Flame Seedless, Summer Royal, Princess, Red Globe, and Thompson varieties harvested in the San Joaquin Valley. Harvest continued in early champagne grape vineyards. Other wine grapes were showing veraison. Apple harvest continued. Later apple varieties were sugaring nicely. Bartlett, Bosc, and Asian pear harvests were ongoing throughout the State. Olive, fig, kiwi and pomegranate fruit continued to grow well and some pomegranates were harvested in Tulare County. The harvest of Valencia oranges remained active. Tangelos, grapefruit and lemons continued to be harvested and packed. Shaking of Nonpareil almonds continued in Tulare, Fresno and Kern counties, with shaking beginning in Sutter and Yuba counties this week. Various diseases are building in some almond orchards in the lower San Joaquin Valley. In Fresno County, early varieties of walnuts were almost completely mature. Pistachio sprays were started in Kern County with scattered alternaria outbreaks. Tomato harvest continued throughout the State. The only reports of pest pressure and powdery mildew came from the Bakersfield area. Second and third plantings of cherry tomatoes occurred in Yolo County. Garlic, onions and cantaloupes were harvested in Fresno County. Cantaloupe growth continued in Yuba County. Lettuce and artichoke growth continued in Monterey County. Melons, tomatoes, green beans, bell peppers, squash, eggplant and cucumbers were harvested in Tulare County. Onions, bell peppers, chile peppers and basil were harvested in San Joaquin County. Bees continued to work sunflower, melon and squash fields. Range and pasture quality declined as the drought continued. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Sheep also grazed in retired farmland areas and a few fallow fields. Supplemental feeding of livestock continued with baled hay.

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**COLORADO:** Days suitable for field work 5.4. Topsoil moisture 12% very short, 32% short, 53% adequate, 3% surplus. Subsoil moisture 22% very short, 30% short, 47% adequate, 1% surplus. Spring barley coloring 88%, 80% 2013, 91% avg.; harvested 45%, 14% 2013, 24% avg.; condition 2% very poor, 4% poor, 16% fair, 51% good, 27% excellent. Spring wheat coloring 67%, 86% 2013, 88% avg.; harvested 9%, 19% 2013, 18% avg.; condition 8% poor, 40% fair, 51% good, 1% excellent. Dry beans blooming 92%, 83% 2013, 78% avg.; condition 58% fair, 35% good, 7% excellent. Onion condition 1% poor, 14% fair, 69% good, 16% excellent. Potatoes fall inside SLV condition 8% very poor, 15% poor, 25% fair, 42% good, 10% excellent. Potatoes fall outside SLV harvested 8%, none 2013, none avg.; condition 1% poor, 17% fair, 73% good, 9% excellent. Sugarbeets condition 1% very poor, 3% poor, 19% fair, 55% good, 22% excellent. Sunflowers condition 3% very poor, 21% poor, 28% fair, 42% good, 6% excellent. Alfalfa 2nd cutting 77%, 84% 2013, 82% avg.; 3rd cutting 31%, 12% 2013, 16% avg.; condition 3% very poor, 10% poor, 27% fair, 44% good, 16% excellent. Livestock condition 2% poor, 21% fair, 65% good, 12% excellent. Widespread precipitation occurred last week in eastern Colorado, causing delays to harvest activities and hay cuttings in several instances; however, producers made measurable progress harvesting and cutting between precipitation events. Such progress was evident throughout the San Luis Valley, where noticeably dry conditions were prevalent last week; although, reporters in the valley noted pastures and ranges have responded nicely to precipitation received prior to last week. Producers were beginning fall planting prep work last week, according to reporters.

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**DELAWARE:** Days suitable for fieldwork, 6.5. Topsoil moisture; 0% very short, 17% short, 78% adequate and 5% surplus. Subsoil moisture; 1% very short, 15% short, 75% adequate and 9% surplus. Apples condition; 3% very poor, 5% poor, 25% fair, 62% good, 5% excellent. Corn condition; 3% very poor, 5% poor, 23% fair, 57% good, 12% excellent. Pasture and Range Condition; 2% very poor, 9% poor, 41% fair, 45% good, and 3% excellent. Peaches condition; 4% very poor, 8% poor, 27% fair, 54% good, 7% excellent. Soybean condition; 1% very poor, 4% poor, 17% fair, 60% good, 18% excellent. Apples harvested; 13% this year, 24% last year, 29% five year average. Alfalfa 2nd cutting; 77% this year, 100% last year, 97% five year average. Alfalfa 3rd cutting; 48% this year, 53% last year, 53% five year average. Corn Silking; 97% this year, 95% last year, 99% five year average. Corn Milk; 88% this year, N/A last year, N/A five year average. Corn Dough; 45% this year, 62% last year, 75% five year average. Corn Dented; 15% this year, 32% last year, 33% five year average. Cantaloupe Harvested; 58% this year, 55% last year, 60% five year average. Cucumbers Harvested; 64% this year, 67% last year, 68% five year average. Other hay 2nd cutting; 79% this year, 96% last year, 98% five year average. Other hay 3rd cutting; 24% this year, 47% last year, 33% five year average. Soybean blooming; 76% this year, 60% last year, 72% five year average. Soybeans setting pods; 59% this year, 29% last year, 46% five year average. Sweet Corn Harvested; 67% this year, 73% last year, 72% five year average. Tomatoes Harvested; 58% this year, 52% last year, 51% five year average. Watermelon Harvested; 59% this year, 49% last year, 61% five year average. Winter Wheat Harvested; 100% this year, N/A% last year, N/A% five year average. Peaches harvested; 31% this year,

46% last year, 70% five year average. Hay and Roughage Supplies; 0% very short, 5% short, 78% adequate and 17% surplus. Potatoes harvested; 27% this year, 60% last year, 69% five year average. Field activities for the week include cutting hay, and harvesting fruits and vegetables.

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**FLORIDA:** Days suitable for field work; 6.4. Topsoil moisture, 1% very short, 14% short, 65% adequate, 20% surplus. Subsoil moisture 2% very short, 12% short, 68% adequate, 18% surplus. Haying continued in Panhandle, north, central Florida. Army worm damage in hay, pastures, soybeans, peanuts. Corn, corn silage harvesting continued in Panhandle, north, central Florida. Peanut condition; 4% poor, 20% fair, 67% good, 9% excellent. Peanut pegging at 96%. Bradford County harvesting okra, southern peas (black-eyed, pink-eye, purple hull). Farmers in southwest Florida continued land preparation, laying plastic for fall planting. Vegetable crops being planted in Miami-Dade County, okra, boniato; harvested – okra, boniato, bitter melon, malanga. Pasture condition; 1% very poor, 3% poor, 27% fair, 59% good, 10% excellent. Cattle condition; 1% poor, 15% fair, 72% good, 12% excellent. Cattle, pasture conditions generally good. Pastures in Panhandle had damage due to Army worms. Water levels beginning to rise in ponds, wetlands, standing water evident in low lying areas in southwest Florida. Rainfall in citrus producing area widespread, generally heavy. All stations received some precipitation. Daytime highs low to mid 90s. Per U.S. Drought Monitor, Florida citrus producing area drought free. Next season's citrus crop progressing well. Growers, caretakers applying summer oils, fertilizing, irrigating, resetting new trees.

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**GEORGIA:** Days suitable for fieldwork 6.2. Topsoil moisture 9% very short, 41% short, 45% adequate, 5% surplus. Subsoil moisture 8% very short, 35% short, 55% adequate, 2% surplus. Range and pasture condition 4% very poor, 8% poor, 39% fair, 44% good, 5% excellent. Corn condition 1% very poor, 5% poor, 28% fair, 53% good, 13% excellent. Corn harvested 7%, 11% 2013. Hay 2nd Cutting 91%, 66% 2013. Peaches harvested 96%, 95% 2013. Sorghum condition 0% very poor, 2% poor, 37% fair, 57% good, 4% excellent. Soybean condition 0% very poor, 4% poor, 27% fair, 64% good, 5% excellent. Tobacco condition 2% very poor, 5% poor, 34% fair, 46% good, 13% excellent. Tobacco harvested 54%, 53% 2013. Precipitation estimates for the state ranged from no rain inches up to 3.9 inches. Average high temperatures ranged from the low 90s to the high 90s. Average low temperatures ranged from the high 60s to the low 70s.

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**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 28% short, 72% adequate, 0% surplus. On August 5, the U.S. Drought Monitor reported that 28.07 percent of the State was abnormally dry or drier; unchanged from the previous week. The rainfall averaged 2.12 inches across the state. On Maui, the extent of damage to crops brought by Hurricane Iselle is still unknown. By Sunday, mostly clear sunny skies prevailed; however, the lack of the normal winds created hot and humid weather conditions as Hurricane Julio passed several hundred miles to the northwest of Maui. On the Big Island, in the Puna district, damage to crops was observed; winds blew immature fruits off various fruit trees and papaya fields were heavily damaged with many trees broken from the wind. High winds left toppled trees, blocked roadways, damaged water systems, and downed electric poles. Albizia trees were toppled over from the hurricane force winds in many areas of the windward side of the island. The extent of damage to agriculture has not yet been fully assessed.

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**IDAHO:** Days suitable for field work 4.7 days. Topsoil moisture 7% very short, 32% short, 59% adequate, 2% surplus. Subsoil Moisture 12% Very Short, 30% Short, 56% Adequate, 2% Surplus. Winter Wheat Condition 2% Very Poor, 6% Poor, 27% Fair, 57% Good, 8% Excellent. Winter Wheat Harvested 60%, 61% 2013, 37% avg. Barley Harvested 22%, 28% 2013, 17% avg. Barley Condition 1% Very Poor, 2% Poor, 21% Fair, 64% Good, 12% Excellent. Corn Condition 0% Very Poor, 0% Poor, 15% Fair, 83% Good, 2% Excellent. Dry Edible Beans Condition 0% Very Poor, 1% Poor, 22% Fair, 72% Good, 5% Excellent. Dry Peas Harvested 43%, 26% 2013, 16% avg. Hay 2nd cutting 78%, 85% 2013, 79% avg. Hay 3rd cutting 37%, 33% 2013, 22% avg. Oats Harvested 25%, 46% 2013, 30% avg. Potatoes harvested 0%, 0% 2013, 0% avg. Potatoes Condition 0% Very Poor, 3% Poor, 11% Fair, 67% Good, 19% Excellent. Spring Wheat Harvested 20%, 18% 2013, 10% avg. Spring Wheat Condition 2% Very Poor, 3% Poor, 36% Fair, 45% Good, 14% Excellent. Irrigation water supply 4% very poor, 8% poor, 28% fair, 52% good, 8% excellent. Range and Pasture 1% Very Poor, 7% Poor, 40% Fair, 47% Good, 5% Excellent. Storms Delayed Field Work in Idaho. Days suitable for fieldwork were 4.7. Pasture and range conditions were reported to be 1% very poor, 7% poor, 40% fair, 47% good, and 5% excellent. Temperatures for the week ranged from 0 to 5 degrees above normal and from 0 to 4 degrees below normal. There was some precipitation across the entire state. Major agricultural activities included irrigation, harvesting of cereal grains and hay. In southeast Idaho rain storms delayed field work which caused hay and grain harvest to slow down. Hay was looking pretty wet and black from all the rain. Mold was found on wheat which caused quality decline. Due to the

precipitation corn and pasture and range conditions had increased. Despite the harvest slowing down crop progress continued to be above the 5 year average.

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**ILLINOIS:** Days suitable for fieldwork 4.9. Topsoil moisture 2% very short, 17% short, 76% adequate, 5% surplus. Subsoil moisture 2% very short, 23% short, 72% adequate, 3% surplus. Statewide precipitation averaged 1.45 inches, 0.51 inches above normal. Statewide temperature averaged 72.1 degrees, 1.7 degrees below average. Oats harvested 89%, 89% 2013, 91% avg. Much of the state got a break from dry weather conditions last week. The West Southwest District received 2.59 inches of rain.

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**INDIANA:** Days suitable for fieldwork, 5.9. Topsoil moisture 5% very short, 31% short, 54% adequate, 10% surplus. Subsoil moisture 3% very short, 24% short, 67% adequate, 6% surplus. Alfalfa hay second cutting 99%, 96% 2013, 97% 5ya. Alfalfa hay third cutting 30%, 41% 2013, 41% 5ya. Other hay second cutting 99%. Other hay third cutting, 24%. By region, corn doughing was 62% in South, 57% in Central, and 53% in North. By region, soybeans setting pods was 87% in North, 77% in South, and 76% in Central. Average temperatures for the week ending August 10 ranged from 69 to 78 degrees, and from 5 degrees below to 1 degree above normal. The lowest recorded temperature for the week was 52 degrees; the highest, 90 degrees. The statewide average temperature for the week was 71.7 degrees, 1.3 degrees below normal. Recorded precipitation ranged from 0 to 1.94 inches, with a statewide average of 0.49 inches. Dry weather continued this week with only spotty showers affording select regions some relief. Irrigation is running where available. Some farmers have observed leaf curl in soybeans and evidence of nitrogen depletion from previous rain events is now becoming apparent in some cornfields. With corn doughing and soybeans setting pods, most farmers are hoping for more consistent rains going into the next couple weeks. Dry conditions have been excellent for cutting hay and for spraying. Other activities for the week included preparing for the state fair, preparing for harvest season, and roadside mowing.

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**IOWA:** Days suitable for fieldwork 4.6. Topsoil moisture 3% very short, 23% short, 71% adequate, and 3% surplus. Subsoil moisture 3% very short, 19% short, 76% adequate, and 2% surplus. Alfalfa 2nd cutting 93%, 92% 2013, 93% average. Alfalfa 3rd cutting 22%, 15% 2013, 37% average. All hay condition 1% very poor, 6% poor, 27% fair, 49% good, 17% excellent. Due to varying amounts of precipitation, some areas of Iowa had less than 3 days suitable for fieldwork while others had more than 6 days. Insecticides were applied to help combat growing soybean aphid populations. Stress on livestock was minimal with the cooler than normal temperatures.

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**KANSAS:** Days suitable for fieldwork 5.4. Topsoil moisture supplies rated 10% very short, 30% short, 58% adequate, and 2% surplus. Subsoil moisture supplies rated 18% very short, 33% short, 48% adequate, and 1% surplus. Cotton squaring 73%, 83% 2013, 96% avg. Sunflowers blooming 44%, 51% 2013, 56% avg. Sunflower conditions 2% very poor, 5% poor, 34% fair, 51% good 8% excellent. Hay alfalfa conditions 5% very poor, 12% poor, 38% fair, 36% good, 9% excellent. Hay alfalfa third cutting 59%, 35% 2013, 67% avg. Stock water supplies were rated 7% very short, 18% short, 74% adequate, and 1% surplus. Widespread and much needed rain fell across most of Kansas. However, reports indicated that additional moisture was needed.

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**KENTUCKY:** Days suitable fieldwork 5.9. Topsoil 18% very short, 38% short, 41% adequate, 3% surplus. Subsoil moisture 14% very short, 40% short, 43% adequate, 3% surplus. Precipitation averaged 1.33 inches, 0.41 inches above normal. Temperatures averaged 75 degrees, 1 degrees below normal. Corn milked 76%, 67% 2013, 75% average. Soybeans turning color 3%. Tobacco blooming 76%, 72% 2013, 73% average; topped 52%, 45% 2013, 48% average; cut 5%, 5% 2013, 4% average. Tobacco set condition 2% very poor, 6% poor, 24% fair, 53% good, 15% excellent. Primary activities this week included the beginning of the tobacco harvest and a continuation of tobacco topping.

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**LOUISIANA:** Days suitable for fieldwork, 5.0. Topsoil moisture 1% very short, 11% short, 70% adequate, 18% surplus. Subsoil moisture 2% very short, 10% short, 68% adequate, 20% surplus. Corn dented 99% this week, 95% last week, 100% last year. Corn mature 73% this week, 48% last week, 91% last year, 95% average. Corn harvested 6% this week, 1% last week, 13% last year, 36% average. Corn condition 0% very poor, 1% poor, 9% fair, 66% good, 24% excellent. Peaches harvested 100% this week, 98% last week, 99% last year, 97% average. Hay second cutting 78% this week 69% last week, 87% last year, 81% average. Sugarcane planted 5% this week, 2% last week, 8% last year, 13% average. Sugarcane condition 2% very poor, 10% poor, 33% fair, 44% good, 11% excellent. Vegetables condition 2% very poor, 15% poor, 40% fair, 40% good, 3% excellent. Pasture condition 1% very poor, 6% poor, 25% fair, 56% good, 12% excellent. Livestock condition 2% very poor, 6% poor, 28% fair, 53% good, 11% excellent.

**MARYLAND:** Days suitable for fieldwork, 6.5. Topsoil moisture; 1% very short, 15% short, 79% adequate and 5% surplus. Subsoil moisture; 0% very short, 14% short, 86% adequate and 0% surplus. Apples condition; 0% very poor, 1% poor, 3% fair, 93% good, 3% excellent. Corn condition; 1% very poor, 1% poor, 8% fair, 59% good, 31% excellent. Pasture and Range Condition; 1% very poor, 6% poor, 18% fair, 51% good, and 24% excellent. Peaches condition; 0% very poor, 3% poor, 8% fair, 79% good, 10% excellent. Soybean condition; 0% very poor, 2% poor, 8% fair, 67% good, 23% excellent. Alfalfa 2nd cutting; 79% this year, 99% last year, 98% five year average. Alfalfa 3rd cutting; 74% this year, 37% last year, 61% five year average. Alfalfa 4th cutting; 11% this year, 2% last year, 5% five year average. Apples Harvested; 16% this year, 24% last year, 21% five year average. Corn Milk; 83% this year, N/A% last year, N/A five year average. Corn Dough; 39% this year, 61% last year, 66% five year average. Cantaloupe Harvested; 45% this year, 54% last year, 58% five year average. Cucumbers Harvested; 45% this year, 64% last year, 63% five year average. Lima Beans harvested; 34% this year, 32% last year, 32% five year average. Other hay 2nd cutting; 74% this year, 92% last year, 91% five year average. Other hay 3rd cutting; 7% this year, 11% last year, 17% five year average. Peaches Harvested; 46% this year, 70% last year, 66% five year average. Potatoes Harvested; 27% this year, 74% last year, 73% five year average. Snap Beans Harvested; 56% this year, 69% last year, 69% five year average. Soybean blooming; 87% this year, 75% last year, 75% five year average. Soybean setting pods; 70% this year, 48% last year, 50% five year average. Soybean fully podded; 34% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 60% this year, 59% last year, 63% five year average. Tomatoes Harvested; 46% this year, 51% last year, 57% five year average. Watermelon Harvested; 39% this year, 49% last year, 46% five year average. Hay and Roughage Supplies; 0% very short, 19% short, 78% adequate and 3% surplus. Field activities for the week include cutting hay, planting, and applying fertilizer.

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**MICHIGAN:** Days suitable for fieldwork 6.2. Topsoil moisture 13% very short, 28% short, 52% adequate, 7% surplus. Subsoil moisture 10% very short, 19% short, 63% adequate, 8% surplus. Dry edible beans blooming 88%, 86% last year, 86% 5-year average. Dry edible beans condition 2% very poor, 3% poor, 20% fair, 56% good, 19% excellent. Oats coloring 92%, 91% last year, 96% 5-year average. Oats condition 1% poor, 30% fair, 55% good, 14% excellent. Barley harvested 51%. Barley condition 2% very poor, 1% poor, 22% fair, 63% good, 12% excellent. Alfalfa hay second cutting 81%, Alfalfa hay third cutting 22%. Other hay second cutting 72%, other hay third cutting 2%. Precipitation for the week ending August 10 ranged between 0.00 inch and 0.02 inch in the Upper Peninsula and between 0.00 inch and 1.38 inches in the Lower Peninsula. Temperatures ranged from 38 degrees to 90 degrees, with a state average of 66.7 degrees Fahrenheit, 1.0 degree below normal. Last week was a relatively dry week despite several episodes of showers that brought limited amounts of rainfall across the state. Rainfall ranged from none to about 0.5 inch in most areas. Most areas need more precipitation, as some crops are showing stress, and pastures and hay fields are beginning to decline. Field activities for the week included combining small grains, baling straw, spraying crops, spreading manure, and baling hay. Corn condition was 73% good to excellent, same as last year. Soybeans condition was 63% good to excellent compared to 72% last year. Apple fruit ranged from 2 to 3 inches in the south. Fruit coloring made strong progress. Harvest of early fall varieties like Jersey Mac and Paula Red will begin soon; Gala harvest is predicted to start about September 5. Peach harvest continued with PF9A-007 and Starfire among varieties coming to market. Winter injury to fruit buds and to trees themselves has shorted the crop. Clapp's Favorite pears were picked. The sweet cherry harvest continued in the northwest. Tart cherry harvest was completed in the west central area; the crop volume was just below predicted size. Harvesting was in full swing in the northwest. The fruit quality remained good. Insect and disease problems have been fewer than normal. Picking of Premier and Santa Rosa plums began. As grapes approached veraison, thinning has been recommended for vineyards with heavy crops. Fall raspberry harvest began. The machine harvest of Bluecrop Jersey blueberries was underway. Fruit quality has been excellent. Cane collapse from phomopsis continued to be a problem in some fields. Watermelon harvest is set to begin in the southwest region within the next week. Pumpkins are developing well with some early planted fields beginning to turn orange. Field planted tomatoes, peppers and eggplants are being harvested in the Saginaw Bay area. Melon, squash, and pepper harvest continued in the southeast region. Processing tomato harvest will also begin within the next couple of weeks. Onions have made significant progress in the west central region although disease remains a large concern. Sweet corn harvest continued in the northwest but has been slowed as early season varieties have matured slightly behind schedule. Vine crops across most of the State have experienced ongoing pollination problems attributed to below average temperatures. Generally, disease pressure remains high in vegetable crops across most regions and many areas are still in need of precipitation.

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**MINNESOTA:** Days suitable for fieldwork 6.3. Topsoil moisture rated 5% very short, 31% short, 61% adequate, and 3% surplus. Subsoil moisture rated 2% very short, 18% short, 76% adequate, and 4% surplus. In spite of the heavy

precipitation received earlier in the season, most Minnesota farmers would like to see their row crops receive additional moisture. Some farmers have started to spray for aphids.

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**MISSISSIPPI:** Days suitable for field work 5.6. Topsoil moisture 3% very short, 27% short, 62% adequate, 8% surplus. Subsoil moisture 3% very short, 27% short, 62% adequate, 8% surplus. Corn 95% dough this week, 91% last week, 97% 2013, 99% Avg. Corn 82% dented this week, 70% last week, 91% 2013, 95% Avg. Corn 44% mature this week, 26% last week, 27% 2013, 53% Avg. Corn 2% harvested this week, 0% last week, 0% 2013, 11% Avg. Corn condition was 0% very poor, 6% poor, 20% fair, 44% good, 30% excellent. Hay, second cutting, 77% cut this week, 70% last week, 79% 2013, 77% Avg. Hay condition was 0% very poor, 5% poor, 30% fair, 53% good, 12% excellent. Peanuts 91% pegging this week, 82% last week, 99% 2013, 100% Avg. Peanuts condition was 0% very poor, 6% poor, 27% fair, 56% good, 11% excellent. Sorghum 87% headed this week, 79% last week, 92% 2013, 98% Avg. Sorghum 47% coloring this week, 36% last week, 47% 2013, 65% Avg. Sorghum 11% mature this week, 4% last week, 0% 2013, 19% Avg. Sorghum condition was 0% very poor, 7% poor, 22% fair, 50% good, 21% excellent. Sweet potatoes condition was 0% very poor, 0% poor, 34% fair, 48% good, 18% excellent. Watermelon 89% harvested this week, 81% last week, 100% 2013, 99% Avg. Livestock condition was 0% very poor, 3% poor, 21% fair, 59% good, 17% excellent. Pasture and range condition was 1% very poor, 6% poor, 24% fair, 56% good, 13% excellent. Blueberries condition was 0% very poor, 1% poor, 29% fair, 65% good, 5% excellent. Rain was widespread throughout the state, with the south central region receiving an average of 1.9 inches.

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**MISSOURI:** Days suitable for fieldwork 3.5. Topsoil moisture 3% very short, 28% short, 65% adequate, 4% surplus. Subsoil moisture 6% very short, 35% short, 56% adequate, 3% surplus. Hay and roughage supplies 7% short, 84% adequate, 9% surplus. Stock water supplies 13% short, 85% adequate, 2% surplus. Temperatures averaged 75.6 degrees statewide, 0.5 degrees below normal. Rain averaged 2.34 inches statewide.

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**MONTANA:** Days suitable for field work 6.5, 5.8 last year. Topsoil moisture 13% very short, 8% last year; 40% short, 36% last year; 42% adequate, 53% last year; 5% surplus, 3% last year. Subsoil moisture 8% very short, 8% last year; 41% short, 32% last year; 47% adequate, 56% last year; 4% surplus, 4% last year. Canola 95% blooming, 100% last year. Canola 85% turning, 84% last year. Canola 22% harvested, 16% last year. Dry beans 17% harvested, 5% last year. Dry peas 48% harvested, 36% last year. Dry peas condition 1% very poor, 4% last year; 4% poor, 6% last year; 32% fair, 26% last year; 53% good, 49% last year; 10% excellent, 15% last year. Flaxseed 95% blooming, 100% last year. Flaxseed 54% turning, 69% last year. Alfalfa hay – 2nd cutting 39% harvested, 41% last year. Other hay – 2nd cutting 21% harvested, 27% last year. Lentils 96% blooming, 100% last year. Lentils 25% harvested, 16% last year. Oats 85% turning, 83% last year. Oats 11% harvested, 18% last year. Oats condition 1% very poor, 4% last year; 2% poor, 8% last year; 41% fair, 35% last year; 50% good, 47% last year; 6% excellent, 6% last year. Sugar beets condition 3% very poor, 1% last year; 4% poor, 4% last year; 15% fair, 36% last year; 49% good, 42% last year; 29% excellent, 17% last year. Durum wheat 91% headed, 98% last year. Durum wheat 49% turning, 49% last year. Durum wheat condition 4% very poor, 8% last year; 6% poor, 8% last year; 29% fair, 38% last year; 60% good, 41% last year; 1% excellent, 5% last year. During the week ending August 10, Montana was mostly hot and dry with some isolated thunderstorms. Many stations did receive some measurable precipitation and Sidney received the highest amount of precipitation at 1.50 inches of moisture. The high temperatures for Montana ranged from the mid 80s to upper 90s. Low temperatures ranged from the mid 30s to mid 50s.

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**NEBRASKA:** Days suitable for fieldwork 5.2. Topsoil moisture supplies rated 8% very short, 30% short, 59% adequate, and 3% surplus. Subsoil moisture supplies rated 11% very short, 31% short, 58% adequate, and 0% surplus. Hay alfalfa condition rated 2% very poor, 7% poor, 30% fair, 52% good and 9% excellent. Hay alfalfa 2nd cutting 97%, 91% 2013, 97% avg. Hay alfalfa 3rd cutting 58%, 30% 2013, 51% avg. Dry bean conditions rated 3% very poor, 1% poor, 15% fair, 61% good, 20% excellent. Dry Beans blooming 86%, 84% 2013, 93% avg. Dry Beans setting pods 68%, 75% 2013, 67% avg. Stock water supplies rated 2% very short, 9% short, 88% adequate, and 1% surplus. Rain beginning at mid-week and continuing into the weekend covered much of the state with 1 to 2 inches of precipitation, according to USDA's National Agricultural Statistics Service. This lowered irrigation demands and supported dryland crops and pastures. Hail was reported in a number of central areas over the weekend. Wheat harvest was nearly complete, with only scattered fields remaining. The wet conditions again made hay harvest a challenge.

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**NEVADA:** Days suitable for fieldwork 7. Topsoil Moisture 20% Very Short, 25% Short, 55% Adequate. Subsoil moisture 30% Very Short, 40% Short, 30% Adequate. Range conditions were 35 percent poor to very poor and 65 percent

fair to excellent. Alfalfa hay harvest remained active. Main farm and ranch activities included irrigation, hay harvest, weed and insect control, and livestock tending. Temperatures were above normal for most of the State. Las Vegas had a high of 103 degrees and Ely experienced a low of 45 degrees. Las Vegas was the only station that reported a high that exceeded the 100 degree mark during the week. Reno received 0.15 inches of precipitation; Elko accumulated 0.79 inches and Ely received 0.10 inches. The central portion of the State experienced high scattered clouds during the middle and latter days of the week. Isolated storms were reported in the southern part of the State during the latter portion of the week.

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**NEW ENGLAND:** Days suitable for fieldwork, 6.0. Topsoil moisture; 2% very short, 17% short, 61% adequate and 20% surplus. Subsoil moisture; 1% very short, 13% short, 64% adequate, 22% surplus. Blueberries, wild condition (ME); 0% very poor, 4% poor, 3% fair, 65% good, 28% excellent. Blueberries, wild progress (ME); 5% harvested. Blueberries, tame condition; 0% very poor, 0% poor, 9% fair, 75% good, 16% excellent. Blueberries, tame progress; 48% harvested. Cranberries condition (MA); 0% very poor, 10% poor, 31% fair, 49% good, 10% excellent. Barley all condition (ME); 0% very poor, 0% poor, 0% fair, 30% good, 70% excellent. Corn all condition; 0% very poor, 1% poor, 12% fair, 78% good, 9% excellent. Oats all condition (ME); 0% very poor, 0% poor, 0% fair, 20% good, 80% excellent. Hay all condition; 0% very poor, 1% poor, 11% fair, 62% good, 26% excellent. Hay all progress; 70% second cutting, 12% third cutting. Potatoes all condition; 0% very poor, 0% poor, 1% fair, 75% good, 24% excellent. Potatoes all progress; 14% harvested. Apples all condition; 2% very poor, 2% poor, 13% fair, 72% good, 11% excellent. Peaches all condition; 3% very poor, 3% poor, 27% fair, 67% good, 0% excellent. Peaches all progress; 32% harvested. Pears all condition; 2% very poor, 1% poor, 22% fair, 67% good, 8% excellent. Pasture and range; 2% very poor, 2% poor, 23% fair, 53% good, 20% excellent. Sweet corn all progress; 43% harvested. Sweet corn all condition; 0% very poor, 1% poor, 25% fair, 62% good, 12% excellent. CT Valley binder tobacco all condition; 11% very poor, 0% poor, 11% fair, 70% good, 8% excellent. CT Valley binder tobacco progress; 15% harvested. CT Valley shade tobacco all condition; 0% very poor, 0% poor, 2% fair, 98% good, 0% excellent. CT Valley shade tobacco progress; 30% harvested.

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**NEW JERSEY:** Days suitable for fieldwork, 7.0. Topsoil moisture; 9% very short, 30% short, 53% adequate and 8% surplus. Subsoil moisture; 5% very short, 22% short, 62% adequate and 11% surplus. Bell Peppers all progress; 36% harvested. Corn all progress; 92% silking, 30% milk. Hay Alfalfa all progress; 84% second cutting. Other Hay all progress; 73% second cutting. Sweet Corn all progress; 35% harvested. Apples all condition; 0% very poor, 1% poor, 41% fair, 54% good, 4% excellent. Corn all conditions; 1% very poor, 10% poor, 26% fair, 45% good, 18% excellent. Hay Alfalfa conditions; 2% very poor, 9% poor, 40% fair, 42% good, 7% excellent. Other Hay conditions; 1% very poor, 4% poor, 40% fair, 40% good, 15% excellent. Pasture and range conditions are; 5% very poor, 6% poor, 46% fair, 27% good, and 16% excellent. Soybeans all conditions; 0% very poor, 1% poor, 27% fair, 63% good, 9% excellent. Following crops are being planted: arugula, beets, basil, broccoli, cabbage, cauliflower, cilantro, collards, cucumbers, escarole, endive, green onions, kale, lettuce, leeks, kohlrabi, parsley, radishes, kohlrabi, snap beans, spinach, summer dandelion, summer squash, Swiss chard. Following crops are being harvested: Acorn squash, arugula, beets, basil, cabbage, cilantro, carrots, collards, cucumbers, snap beans, sweet corn, summer dandelion, eggplant, green onions, kale, leeks, okra, parsley, pole lima beans, peppers, summer squash, Swiss chard, tomatoes and white potatoes. Growers continue to scout for disease and apply preventative fungicides for late blight and cucurbit downy mildew.

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**NEW MEXICO:** Days suitable for fieldwork 6.3. Topsoil moisture 29% very short, 27% short, 41% adequate and 3% surplus. Subsoil moisture 36% very short, 28% short and 36% adequate. Alfalfa third cutting 93% complete, 76% 2013, 91% avg; fourth cutting 63% complete, 51% 2013, 58% avg; fifth cutting 10% complete, 8% 2013, 14% avg; 4% very poor, 5% poor, 34% fair, 46% good and 11% excellent. Corn silking 78%, 76% 2013, 85% avg; dough 26%, 14% 2013, 20% avg; dented 4%, 7% 2013, 7% avg; harvested silage 4%, 2% 2013, 1% avg; 3% very poor, 4% poor, 25% fair, 35% good and 33% excellent. Cotton setting bolls 65%, 59% 2013, 56% avg; 5% poor, 51% fair, 24% good and 20% excellent. Peanuts pegging 55%, 38% 2013, 62% avg; 3% very poor, 21% poor, 68% fair and 8% good. Pecans 38% fair, 58% good and 4% excellent. Green chile harvested 8%, 10% 2013, 17% avg; 2% poor, 49% fair, 44% good and 5% excellent. Cattle 2% very poor, 11% poor, 43% fair, 40% good and 4% excellent. Sheep 19% very poor, 24% poor, 35% fair and 22% good. Temperatures for the week were mostly near to below normal across New Mexico. Most of the summer rain during the week was over the northern mountains, southwest Gila range and east of the central mountain chain. Highest rainfall totals include Gran Quivira with 1.46 inches, Capulin 0.73 inches and Quemado 0.63 inches.

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**NEW YORK:** Days suitable for fieldwork, 5. Topsoil moisture, 0% very short, 3% short, 58% adequate, and 39% surplus. Subsoil moisture, 0% very short, 2% short, 61% adequate, 37% surplus. Barley mature, 68% this week, 18% last

week. Barley harvested, 7% this week. Cabbage harvested, 21% this week, 17% last week. Corn silking, 73% this week and 55% last week. Corn dough, 30% this week and 16% last week. Corn Average Height is 75 inches this week and 69 inches last week. Hay alfalfa second cutting, 87% this week, 73% last week, 91% the previous year, and 89% average. Hay alfalfa third cutting, 33% this week and 18% last week, 31% the previous year. Hay other than alfalfa second cutting, 81% this week, 65% last week. Hay other than alfalfa third cutting, 14% this week, 7% last week. Oats harvested, 40% this week, 15% last week, 46% the previous year, and 49% average. Onions harvested, 11% this week, 10% last week, 9% previous year, 22% average. Potatoes harvested, 2% this week, 6% previous year, 18% average. Soybeans blooming, 71% this week, 60% last week. Soybeans setting pods, 40% this week, 27% last week. Sweet Corn harvested, 22% this week, 5% last week, 35% the previous year, and 31% average. Winter wheat harvested, 90% this week, 81% last week, 99% last year and 97% average. Barley condition, 0% very poor, 3% poor, 14% fair, 64% good, 19% excellent. Corn condition, 1% very poor, 3% poor, 19% fair, 49% good, 28% excellent. Hay alfalfa condition, 3% very poor, 5% poor, 21% fair, 58% good, 13% excellent. Hay other than alfalfa condition, 2% very poor, 7% poor, 23% fair, 50% good, 18% excellent. Oats condition, 0% very poor, 2% poor, 17% fair, 64% good, 17% excellent. Pasture and range condition, 9% very poor, 7% poor, 24% fair, 47% good, 13% excellent. Soybeans condition, 0% very poor, 4% poor, 17% fair, 56% good, 23% excellent. Winter wheat condition, 1% very poor, 10% poor, 27% fair, 48% good, 14% excellent. Field activities for the week include hauling and spreading manure, applying fertilizer, plowing and planting of fields, mowing and bailing hay, mowing pastures, spraying of trees, and fixing machinery.

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**NORTH CAROLINA:** Days suitable for field work 4.0. Topsoil moisture 1% very short, 10% short, 67% adequate and 22% surplus. Subsoil moisture 2% very short, 11% short, 78% adequate and 9% surplus. For the third week the state experienced widespread showers and thunderstorms with many areas receiving over 2.0 inches precipitation. Again this week temperatures were below normal and averaged 4 degrees below normal. This week's report shows soybeans continue to run slightly ahead of the 5 year averages with blooming at 71% and setting pods at 46%. Cotton setting bolls is nearing completion at 90% and in-line with last year and the 5 year average. Reports for corn dough were at 86%, and dented at 68% with mature reported at 22%, indicating corn is running slightly behind last year and the 5 year averages. The second cutting of hay slowed due to the continued rain and was reported at 78% with 3rd cutting reported at 22%, peaches harvested at 76% and flue-cured tobacco harvest progressing well at 30%.

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**NORTH DAKOTA:** Days suitable for fieldwork 6.0. Topsoil moisture 1% very short, 14% short, 77% adequate, 8% surplus. Subsoil moisture 1% very short, 10% short, 82% adequate, 7% surplus. Winter wheat turning color 96%. Winter wheat mature 45%. Winter wheat conditions 2% very poor, 9% poor, 29% fair, 52% good, 8% excellent. Durum wheat headed 93%, 100% 2013, 98% average. Durum wheat turning color 48%, 55% 2013, 49% average. Durum wheat mature 3%. Durum wheat condition 0% very poor, 1% poor, 15% fair, 75% good, 9% excellent. Spring wheat turning color 72%, 70% 2013, 72% average. Spring wheat mature 21%. Barley turning color 86%, 83% 2013, 83% average. Barley mature 37%. Oats headed 96%, 99% 2013, 100% average. Oats turning color 75%, 81% 2013, 79% average. Oats mature 30%. Oats condition 1% very poor, 1% poor, 9% fair, 80% good, 9% excellent. Canola turning color 64%, 56% 2013, 67% average. Canola condition 0% very poor, 1% poor, 11% fair, 66% good, 22% excellent. Flaxseed blooming 95%, 96% 2013, 97% average. Flaxseed turning color 39%, 23% 2013, 38% average. Flaxseed condition 0% very poor, 2% poor, 15% fair, 72% good, 11% excellent. Dry edible peas dropping leaves 15%. Dry edible peas condition 0% very poor, 4% poor, 19% fair, 66% good, 11% excellent. Dry beans blooming 94%, 86% 2013, 95% average. Dry beans setting pods 64%, 57% 2013, 77% average. Dry beans condition 2% very poor, 5% poor, 24% fair, 54% good, 15% excellent. Potatoes rows filled 78%, 67% 2013, 87% average. Potatoes condition 4% very poor, 8% poor, 28% fair, 51% good, 9% excellent. Sugarbeet condition 1% very poor, 7% poor, 31% fair, 51% good, 10% excellent. Sunflowers blooming 44%, 34% 2013, 55% average. Sunflower condition 0% very poor, 1% poor, 19% fair, 70% good, 10% excellent. Alfalfa 2nd cutting 42%, 57% 2013, 57% average. Alfalfa condition 1% very poor, 3% poor, 11% fair, 66% good, 19% excellent. Stock water supplies 0% very short, 3% short, 85% adequate, and 12% surplus. Most of North Dakota received little to no precipitation last week with the exception of 1 to 2 inches in the southwest portion of the state. Reports indicated that the persistent dry weather in the major row crop producing areas of the state was starting to impact crop development and significant moisture was needed soon. Average temperatures were near normal.

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**OHIO:** Days suitable for fieldwork 6.3. Topsoil moisture 6% very short 28% short, 57% adequate, 9% surplus. Subsoil moisture 5% very short 21% short, 66% adequate, 8% surplus. Oats coloring 96%, NA 2013, NA Avg. Alfalfa hay second cutting 93%, NA 2013, NA avg. Alfalfa hay third cutting 47%, NA 2013, NA Avg. Other hay second cutting 81%, NA 2013, NA avg. Other hay third cutting 33%, NA 2013, NA avg. Average temperatures recorded around the State ranged

from 66 to 75 degrees or seven degrees below to three degrees above normal. The lowest recorded temperature was 50 degrees and the highest was 89 degrees. The statewide average temperature for the week was 70.7 degrees, 0.26 degrees cooler than normal. Recorded precipitation ranged from 0.00 to 0.88 inches, with a statewide average of 0.26 inches. Growers continued to harvest oats and bale hay this week as the conditions were perfect for field work, though oats harvested is behind compared to normal. The week continued the pattern of cooler than normal temperatures, though this week was warmer than the last, and was very dry. Crops are beginning to show stress from low moisture, though the cool temperatures have helped mitigate the stress. Crops are mostly progressing normally at this time, and the condition ratings continue to be good. Corn condition was 75% good to excellent compared to 80% at this time last year. Soybean condition was 70% good to excellent compared to 73% at this time last year.

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**OKLAHOMA:** Days suitable for fieldwork 5.6. Topsoil moisture 11% very short, 26% short, 60% adequate, 3% surplus. Subsoil moisture 21% very short, 39% short, 40% adequate, 0% surplus. Alfalfa condition 7% very poor, 11% poor, 34% fair, 41% good, 7% excellent; second cutting 96% this week, 93% last week, 100% last year, 100% average; third cutting 68% this week, 50% last week, 69% last year, 74% average. Other Hay 7% very poor, 12% poor, 37% fair, 38% good, 6% excellent; first cutting 91% this week, 89% last week, 96% last year, 95% average; second cutting 40% this week, 35% last week, 44% last year, 35% average. Watermelons harvested 50% this week, 44% last week, 72% last year, 75% average. Livestock condition 1% very poor, 3% poor, 25% fair, 60% good, 11% excellent. Pasture and range condition 6% very poor, 11% poor, 30% fair, 46% good, 7% excellent. Row crop development continued to make progress last week and all crops were rated in mostly good to fair condition. Soybeans, although planted later than normal, were rated 85 percent excellent to good and were progressing ahead of last year, but slightly behind the five-year average. Additional moisture is still needed for runoff to fill ponds and continue to help row crops progress. Light showers last week slowed hay baling but good yields and quality continued to be reported. Drought conditions showed slight improvement last week when compared to three months ago. According to the most recent U.S. Drought Monitor, 83.5 percent of the state was rated abnormally dry to an exceptional drought; however only 2.63 was considered an exceptional drought when compared to 29.85 percent three months ago. Temperatures ranged from 58 degrees at Kenton Wednesday, August 6th to 105 degrees at Grandfield on Thursday, August 7th. Precipitation ranged from 0.03 of an inch in the Southwest District to 1.5 inches in the Northeast District. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 5.6 days suitable for field work.

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**OREGON:** Days suitable for field work 6.8 days. Topsoil Moisture 20% Very Short, 48% Short, 29% Adequate, 3% Surplus. Subsoil Moisture 19% Very Short, 45% Short, 35% Adequate, 1% Surplus. Range and Pasture 13% Very Poor, 28% Poor, 35% Fair, 23% Good, 1% Excellent. Spring Wheat Condition 5% Very Poor, 6% Poor, 35% Fair, 52% Good, 2% Excellent. Barley Condition 4% Very Poor, 3% Poor, 44% Fair, 46% Good, 3% Excellent. Winter Wheat Harvested 84%, 87% 2013, 69% avg. Spring Wheat Harvested 60%, 67% 2013, 52% avg. Hay 2nd cutting 90%, 77% 2013, 80% avg. Hay 3rd cutting 48%, 7% 2013, 15% avg. Barley Harvested 46%, 64% 2013, 52% avg. Winter Wheat Harvest Progressed Well In Oregon. Days suitable for fieldwork were 6.8. Pasture and range conditions were reported to be 13% very poor, 28% poor, 35% fair, 23% good, and 1% excellent. In western Oregon winter wheat harvest continued with the good dry weather. Grass for seed finished. Straw was baled and moved to storage. Red clover was nearing maturity and cover crops were growing well. Prunes were turning blue. Apples and blueberries were still being picked. Gooseberries had finished and peaches were ripe. Red potatoes were being harvested. Zucchini were abundant and other squash were doing well. Beets, carrots, cabbage, and leeks were available at farmer's markets. Nurseries were preparing for fall activity. Supplemental water was being applied to pasture and hay lands where available. Supplemental feeding were keeping animals in good shape. In eastern Oregon winter wheat harvest was also progressing well. Potatoes were being harvested. Summer pear harvest got underway in some areas and routine orchard operations continued. Watermelon picking was underway. Irrigation and livestock water conditions continued to decline.

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**PENNSYLVANIA:** Days suitable for fieldwork, 6. Topsoil moisture, 1% very short, 25% short, 66% adequate, 8% surplus. Subsoil moisture, 1% very short, 19% short, 69% adequate, 11% surplus. Corn milk, 61% this week, n/a last year, n/a average. Oats mature, 76% this week, 94% last year, 91% average. Soybean blooming, 89% this week, n/a last year, n/a average. Soybeans setting pods, 63% this week, n/a last year, n/a average. Hay alfalfa second cutting, 87% this week, 100% last year, 100% average. Hay alfalfa third cutting, 53% this week, 54% last year, 67% average. Hay other than alfalfa second cutting, 75% this week, 69% last year, 77% average. Hay other than alfalfa third cutting, this week 14%, last year n/a, average n/a. Apples Harvested, 13% this week, 24% last year, 25% average. Peaches Harvested, 32% this week, 65% last year, 64% average. Apples condition, 2% very poor, 7% poor, 18% fair, 47% good, 26% excellent.

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Cherries condition, 100% very poor, 0% poor, 0% fair, 0% good, 0% excellent. Corn condition, 1% very poor, 3% poor, 17% fair, 45% good, 34% excellent. Soybeans condition, 0% very poor, 1% poor, 16% fair, 61% good, 22% excellent. Quality of Hay Made, 0% very poor, 1% poor, 16% fair, 61% good, 22% excellent. Pasture condition, 4% very poor, 7% poor, 35% fair, 39% good, 15% excellent. Peaches condition, 2% very poor, 0% poor, 9% fair, 54% good, 35% excellent. Field activities for the week included harvesting, spraying, bailing and spreading manure.

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**SOUTH CAROLINA:** Days suitable for fieldwork 5.3. Topsoil Moisture 3% very short, 15% short, 72% adequate, 10% surplus. Subsoil Moisture 6% very short, 18% short, 72% adequate, 4% surplus. Pasture and Range condition 0% very poor, 26% poor, 39% fair, 33% good, 2% excellent. Peanuts condition 0% very poor, 2% poor, 16% fair, 68% good, 14% excellent. Livestock condition 0% very poor, 2% poor, 45% fair, 49% good, 4% excellent. Tobacco condition 0% very poor, 0% poor, 20% fair, 70% good, 10% excellent. Corn condition 1% very poor, 7% poor, 25% fair, 59% good, 8% excellent. Corn Doughed 99%, 98% 2013. Corn Mature 74%, 12% 2013. Peaches Harvested 89%, 91% 2013. Cantaloupes Harvested 95%, 93% 2013. Cucumbers Harvested 100%, 92% 2013. Snap beans harvested 100%, 95% 2013. Watermelons harvested 100%, 95% 2013. Tomatoes harvested 100%, 100% 2013. Peanuts pegged 99%, 95% 2013. Soybeans planted 100%, 100% 2013. Soybeans emerged 100%, 100% 2013. Soybeans Blooming 83%, 48% 2013. Soybeans setting pods 20%, 13% 2013. Tobacco Cut 65%, 52% 2013. The state average temperature for the seven-day period was one degree above the long-term average. The state average rainfall for the seven-day period was 2.1 inches.

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**SOUTH DAKOTA:** Days suitable for fieldwork 4.6. Topsoil moisture 2% very short, 23% short, 74% adequate, 1% surplus. Subsoil moisture 2% very short, 21% short, 76% adequate, 1% surplus. Winter wheat conditions 0% very poor, 2% poor, 20% fair, 65% good, 13% excellent. Winter wheat 96% mature 98% 2013, 99% average. Spring wheat coloring 93%, 96% 2013, 99% average. Spring wheat mature 64%, 66% 2013, 85% average. Barley coloring, 76%, 98% 2013, 97% average. Oats conditions 1% very poor, 1% poor, 15% fair, 69% good, 14% excellent. Oats coloring 95%, 98% 2013, 98% average. Oats mature 79%, 91% 2013, 90% average. Oats harvested, 62%, 61% 2013, 70% average. Corn silking 95%, 95% 2013, 85% average. Corn dough 40%, 29% 2013, 31% average. Corn dented 1%, 1% 2013, 4% average. Sunflower conditions 1% very poor, 1% poor, 24% fair, 70% good, 4% excellent. Sunflower blooming 42%, 38% 2013, 49% average. Alfalfa conditions 1% very poor, 8% poor, 21% fair, 50% good, 20% excellent. Alfalfa second cutting 74%, 89% 2013, 87% average. Alfalfa third cut 12%, 17% 2013, 23% average. Stock waters supplies 2% very short, 15% short, 80% adequate, 3% surplus. Below normal temperatures persisted across the state this past week. Widely scattered rain showers were reported in some areas of the state.

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**TENNESSEE:** Days suitable for fieldwork 5.2. Topsoil moisture 5% very short, 27% short, 61% adequate, 6% surplus. Subsoil moisture 7% very short, 27% short, 62% adequate, 6% surplus. Cotton 82% setting bolls, bolls opening 2%. Soybeans, 83% blooming, 62% setting pods. Corn condition 0% percent very poor, 4% poor, 19% fair, 54% good, 23% excellent. Cotton condition, 1% very poor, 6% poor, 25% fair, 56% good, 12% excellent. Soybean condition 1% very poor, 4% poor, 21% fair, 58% good, 16% excellent. Pasture and Range condition 2% very poor, 14% poor 34% fair, 47% good, 3% excellent. Farmers welcomed much-needed rains at the end of last week. These rains provided a shot in the arm to soybeans, corn and pastures. High temperatures early in the week assisted cotton growth. These same high temperatures caused some stress in cattle. Hay producers took advantage of the dry weather early in the week until they were forced out of the fields by rain.

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**TEXAS:** Days suitable for fieldwork 6.6. Topsoil moisture 23% very short, 48% short, 27% adequate, 2% surplus. Subsoil moisture 23% very short, 46% short, 29% adequate, 2% surplus. Corn mature 50%, 56% 2013, 57% avg; Corn harvested 17%, 36% 2013, 39% avg. Cotton squaring 98%, 97% 2013, 97% avg. Rice harvested 6%, 23% 2013, 30% avg. Sorghum harvested 46%, 54% 2013, 49% avg. Soybeans dropping leaves 8%, 8% 2013, 3% avg. Sunflowers harvested 39%, 5% 2013, 2% avg. Range and pasture condition 8% very poor, 16% poor, 35% fair, 32% good and 9% excellent. Hot, humid weather was experienced across the state last week. Many areas of the Northern High Plains, Blacklands, and the Trans-Pecos received up to three inches of precipitation. Portions of the Lower Valley and South East Texas received two inches or more of rainfall. The rest of the state received little to no measurable rainfall last week. Preparations for fall seedings continued across the state. In areas of the Northern High Plains, some irrigated corn was cut for silage, while in the Blacklands corn continued to mature. Producers in South East Texas anticipate corn harvest should begin in the coming weeks. Cotton in the Southern Low Plains progressed to the blooming stage, while in the Coastal Bend many fields were being harvested. Peanuts continued to peg in areas of South Texas. In areas of the Upper Coast, producers were preparing fields for rice harvest. Sunflower harvest was wrapping up, while soybean harvest had begun in areas of the Blacklands. Sugarcane aphid populations continued to be a concern for sorghum producers in South East Texas, while

harvest continued in South Central Texas. In areas of the Southern High Plains and the Cross-Timbers, watermelon harvest was active. In North East Texas, pecans had moderate to heavy nut set; however, some trees were exhibiting scab. Sesame harvest was active in the Lower Valley. Many livestock producers across the state continued to provide supplemental feed due to drought conditions in parts of the state. Cattle body condition was reported as improving in many parts of the state. Feral hog damage continued to be seen in areas of North East Texas, while grasshopper and army worm pressure increased in pastures throughout the state.

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**UTAH:** Days suitable for field work 5.8. Topsoil moisture 19% very short, 40% short, 40% adequate, 1% surplus. Subsoil Moisture 20% very short, 48% short, 32% adequate. Winter wheat harvested 70%, 70% 2013, 60% 5-yr avg. Barley harvested 47%, 57% 2013, 48% 5-yr avg; condition 9% fair, 67% good, 24% excellent. Oats harvested 35%, 18% 2013, 18% 5-yr avg; condition 17% fair, 72% good, 11% excellent. Spring wheat harvested 37%, 30% 2013, 33% 5-yr avg; condition 4% poor, 19% fair, 56% good, 21% excellent. Alfalfa hay second cutting 91%, 92% 2013, 85% 5-yr avg; third cutting 14%, 14% 2013, 23% 5-yr avg. Corn Silked 76%, 80% 2013, 74% 5-yr avg; dough stage 6%, 3% 2013, 5% 5-yr avg; condition 18% fair, 59% good, 23% excellent. Apricots harvested 68%, 94% 2013, 92% 5-yr avg. Peaches harvested 4%, 19% 2013, 12% 5-yr avg. Tart cherries 98% harvested, 94% 2013, 85% 5-yr avg. Cattle and calves condition 1% poor, 20% fair, 67% good, 12% excellent. Sheep and lamb condition 14% fair, 80% good, 6% excellent. Stock water supplies 13% very short, 33% short, 53% adequate, 1% surplus. Crops looked good in Beaver County. Livestock were doing well. Rains have really helped the pastures and range ground. Showers slowed harvest in Box Elder County. The corn crop looks good. Most of the acreage has tasseled and silked. Growers were wrapping up harvest of second crop hay. Much of the week in Cache County included scattered showers and cloudy skies. One of the benefits from the cloudy, cooler weather is a reduction of spider mite activity in corn fields. Growers are anxious for warmer, dry weather in the coming days. Very little harvesting was accomplished last week. Barley and wheat were ripe and ready for the combine, but moisture levels were still too high for harvest and safe storage. Rain helped range conditions. The rains have livened up pastures and rangelands, all for the benefit of grazing livestock. Rains during the week in Rich County completely stopped producers from haying from Monday through Friday. Second crop alfalfa is in good shape because of rains. Producers will begin to cut alfalfa second crop later in the week. Cattle continue to be in great shape as a result of rains on summer ranges. Summer rain showers in Uintah County have helped keep mountain range conditions from deteriorating. Reservoirs are nearly at conservation pool level. Canal companies have started to shut down deliveries of irrigation water. Irrigation water will be shut down in Ashley Valley and Jensen in the next two weeks. Recent rains in Weber County have wet some cut alfalfa and slowed grain harvest, but are helping corn grow.

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**VIRGINIA:** Days suitable for fieldwork 5.6. Topsoil moisture 5% very short, 24% short, 64% adequate, 7% surplus. Subsoil moisture 5% very short, 26% short, 67% adequate, 2% surplus. The state saw cool temperatures and scattered rains this week. Rainfall varied based on location, with some areas receiving less than a fifth of an inch of precipitation and others receiving an inch or more. Temperatures were below normal for this time ranging from the norm to about 4 degrees below the norm. The inconsistent rains have been good to some crops but have also brought about the threat of disease to other crops. Some crops being monitored for disease by farmers are corn, soybeans, peanuts, and vegetables. Even with all the rain hitting the state, parts of the state are still in need of rain and are looking dry. Other farming activities included spraying growth inhibitors on cotton and soybeans, applying fungicides and herbicides to crops, and making hay.

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**WASHINGTON:** Days suitable for fieldwork 7.0. Topsoil Moisture 17% Very Short, 49% Short, 33% Adequate and 1% Surplus. Subsoil Moisture 21% Very Short, 45% Short, 33% Adequate and 1% Surplus. Range and Pasture Conditions were 9% very poor, 17% poor, 45% fair, 25% good, and 4% excellent. Winter Wheat Harvested 83%, 56% PW, 60% PY and 50% 5YA. Spring Wheat Condition 6% Very Poor, 30% Poor, 45% Fair, 18% Good, and 1% Excellent. Spring Wheat Harvested 49%, 28% PW, and 20% PY, and 18% 5YA. Barley Condition 5% Very Poor, 19% Poor, 54% Fair, 22% Good, and 0% Excellent. Barley Harvested 40%, 20 PW, 14% PY, and 12% 5YA. Potatoes Condition 0% Very Poor, 2% Poor, 27% Fair, 66% Good, 5% Excellent. Potatoes Harvested 19%, 15% PW, 20% PY, and 21% 5YA. Corn Condition 0% Very Poor, and 0% Poor, 31% Fair, 55% good, 14% Excellent. Corn Silked 86%, 66% PW, 84% PY, and 71% 5YA. Corn Dough 45%, 33% PW, 6% PY, and 6% 5YA. Corn Dent 2%, NA PW, 1% PY, and 2% 5YA. Dry beans Condition 0% very Poor, 6% poor, 37% fair, 54% Good, and 3% Excellent. Dry Pea Harvested 70%, 55% PW, 53% PY, 42% 5YA. Alfalfa second cutting of hay 90%, 80% PW, 94% PY, and 83% 5YA. Alfalfa third cutting of hay 19%, NA PW, 15% PY, and 23% 5YA. Winter Wheat Harvest Neared Completion in Washington. In Whitman County area producers enjoyed a brief cool down with temperatures averaging 75 degrees throughout the week. Winter wheat harvest was 78 percent

complete for the county. In Franklin County swathing, bailing and stacking of 3rd cutting of alfalfa hay was underway as well as potato and onion digging. Yakima County temperatures were warm with a high temperature of 102 degrees with no precipitation. In Klickitat County orchard districts, peach and nectarine harvest was mid-way through the season. Growers reported that the continued heat has made it difficult to keep up with irrigation demands. While this year's cherry harvest was one of the best on record, the peach harvest is shaping up as the worst due to split pits caused by rapid growth related to extreme heat. According to producers, the fruit splits when growth is super accelerated. Some peach blocks have losses of 60% of the crop due to split damage.

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**WEST VIRGINIA:** Days suitable for fieldwork 6. Topsoil moisture was 1% very short, 18% short, 80% adequate, and 1% surplus compared to 6% short, 90% adequate, and 4% surplus last year. Subsoil moisture was 5% very short, 24% short, 70% adequate, and 1% surplus, comparison data not available. Corn conditions were 3% very poor, 10% poor, 25% fair, 46% good, and 16% excellent. Corn was 81% silked, 80% in 2013, and 82% 5-year avg. Corn was 17% doughing, 8% in 2013, and 22% 5-year avg. Soybean conditions were 2% poor, 16% fair, and 82% good. Soybeans were 84% blooming, 61% in 2013, and 73% 5-year avg. Soybeans were 43% setting pods, 34% in 2013, and 40% 5-year avg. Winter wheat was 82% harvested, 97% in 2013, 5-year avg. not available. Hay conditions were 2% very poor, 4% poor, 33% fair, 53% good, and 8% excellent. Hay second cutting was 27%, 21% in 2013, and 37% 5-year avg. Apple conditions were 5% poor, 20% fair, 66% good, and 9% excellent. Peach conditions were 2% very poor, 9% poor, 16% fair, 66% good, and 7% excellent. Peaches were 26% harvested, 25% in 2013, and 37% 5-year avg. Cattle and calves were 1% poor, 16% fair, 73% good, and 10% excellent. Sheep and lambs were 1% poor, 16% fair, 80% good, and 3% excellent. Farming activities included summer calving, making hay, harvesting winter wheat, and harvesting peaches. Many farmers are busy attending the 90th State Fair that began on Friday in Lewisburg.

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**WISCONSIN:** Days suitable for fieldwork 6.1. Topsoil moisture 11% very short, 32% short, 54% adequate and 3% surplus. Subsoil moisture 5% very short, 27% short, 66% adequate, and 2% surplus. Winter wheat harvested 74% n.a. 2013, n.a. avg. Hay, alfalfa, second cutting 95%, 91% 2013, 95% avg.; third cutting 38%, 25% 2013, 43% avg. Hay, all types, condition 4% poor, 15% fair, 57% good, 24% excellent. Potatoes condition 3% poor, 22% fair, 61% good, 14% excellent. The amount of rain received in Wisconsin varied widely during the week. A storm system moved through the west and south-central portions of the state Monday, bringing soaking rain to some areas while bypassing neighboring counties. The north and east received similar spotty showers overnight on Sunday. However, the remainder of the week was once again dry and clear, with daytime temperatures in the 80s. Corn, soybeans, and hay perked up in response to the rain, but areas that have been bypassed by recent storms were badly in need of moisture. Topsoil moistures fell on average, with 43 percent short to very short statewide, compared to 33 percent short to very short last week. Reporters statewide noted that dry conditions are slowing the growth of third crop alfalfa. Pastures were also suffering from the lack of moisture, with condition declining for a fourth week in a row. Winter wheat harvest progressed rapidly, though the oats harvest was lagging behind average. Across the reporting stations, average temperatures this week were normal to 3 degrees below normal. Average high temperatures ranged from 76 to 84 degrees, while average low temperatures ranged from 57 to 63 degrees. Precipitation totals ranged from 0.03 inches in Green Bay to 1.74 inches in Madison.

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**WYOMING:** Days suitable for fieldwork 5.8. Topsoil moisture 12% very short, 30% short, 58% adequate. Subsoil moisture 9% very short, 35% short, 56% adequate. Barley coloring 90%, 71% 2013, 82% 5-yr avg; mature 60%, 49% 2013, 62% 5-yr avg; harvested 14%, 17% 2013, 40% 5-yr avg; condition 2% fair, 66% good, 32% excellent. Oats headed 96%, 86% 2013, 94% 5-yr avg; coloring 76%, 61% 2013, 75% 5-yr avg; mature 47%, 10% 2013, 45% 5-yr avg; harvested 8%, 19% 2013, 22% 5-yr avg; condition 1% very poor, 2% fair, 87% good, 10% excellent. Spring wheat coloring 83%, 89% 2013, 80% 5-yr avg; mature 38%, 68% 2013, 57% 5-yr avg; harvested 12%, 19% 2013, 21% 5-yr avg; condition 1% poor, 7% fair, 88% good, 4% excellent. Sugarbeets condition 85% good, 15% excellent. Winter wheat harvested 30%, 80% 2013, 86% 5-yr avg; condition 2% poor, 29% fair, 66% good, 3% excellent. Corn silking 46%, 53% 2013, 57% 5-yr avg; condition 1% poor, 4% fair, 88% good, 7% excellent. Dry beans blooming 76%, 73% 2013, 82% 5-yr avg; setting pods 31%, 31% 2013, 53% 5-yr avg; condition 8% fair, 80% good, 12% excellent. Alfalfa hay 2nd cutting 58%, 48% 2013, 46% 5-yr avg. Livestock condition 2% poor, 16% fair, 66% good, 16% excellent. Crop insect infestation 3% severe, 7% moderate, 46% light, 44% none. Irrigation water supplies 1% poor, 9% fair, 78% good, 12% excellent. Portions of Lincoln County received rainfall in excess of 2 inches during the week, resulting in areas of flash flooding. Beneficial growing conditions exist for most crops. Lodging was evident in portions of the State's small grain crop because of heavy rainfall received during the week.

## **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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| Angie Considine – Cotton, Cotton Ginnings, Sorghum .....  | (202) 720-5944 |
| Tony Dahlman – Crop Weather, Barley.....                  | (202) 720-7621 |
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