ALABAMA: Days suitable for fieldwork was 6.4. Topsoil moisture 10% very short, 42% short, 46% adequate, 2% surplus. Subsoil moisture 9% very short, 42% short, 48% adequate, 1% surplus. Corn dented 94%, 89% last week, 65% 2013, 80% avg. Corn mature 45%, 30% last week, 19% 2013, 46% avg. Corn harvested 6%, 2% last week, 0% 2013, 7% avg. Corn condition 3% poor, 14% fair, 59% good, 24% excellent. Soybeans blooming 84%, 78% last week, 74% 2013, 86% avg. Soybeans setting pods 71%, 60% last week, 49% 2013, 62% avg. Soybeans dropping leaves 7%, 0% last week, 0% 2013, 4% avg. Soybeans condition 7% poor, 25% fair, 60% good, 8% excellent. Livestock condition 1% very poor, 9% poor, 20% fair, 60% good, 10% excellent. Pasture and range condition 1% very poor, 16% poor, 28% fair, 49% good, 6% excellent. The week’s average mean temperatures ranged from 75.0 F in Muscle Shoals to 80.5 F in Montgomery; total precipitation ranged from 0.01 inches in Bessemer to 1.57 inches in Muscle Shoals. Alabama experienced dry conditions with maximum temperatures hovering between the mid-80’s and 90’s during the week. Showers that entered the state the previous weekend lingered through Tuesday. The remainder of the week was completely dry until a few scattered showers fell on Sunday. Precipitation totals were minimal except in a few locations. With the dry week, condition of all crops, pasture, and livestock saw some decline and were rated mostly good to fair by the week’s end.

ALASKA: Days suitable for fieldwork 5.5. Topsoil moisture 100% adequate. Subsoil moisture 100% adequate. Barley turning color 40%. Oats turning color 5%. First cutting hay 95% complete. Second cutting hay 5% complete. Barley condition 20% fair, 40% good, 40% excellent. Oat condition 35% fair, 40% good, 25% excellent. All hay condition 20% fair, 55% good, 25% excellent. Potato condition 65% good, 35% excellent. Condition of pasture 15% fair, 70% good, 15% excellent. Wind and rain damage to crops 95% none, 5% light. The main farm activities for the week were harvesting hay and vegetables, weed control, preparing for grain harvest, farm maintenance.

ARIZONA: Days suitable for field work 7.0 days. Topsoil moisture 35% short, 64% adequate and 1% surplus. Subsoil moisture 7% very short, 33% short, 59% adequate and 1% surplus. 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. Range and pasture conditions have improved slightly after monsoon rains provided some moisture around the State, but not enough to overcome drought conditions. Range and Pastures were rated in very poor to good condition, depending on location.

ARKANSAS: Days suitable for fieldwork 6.4. Topsoil moisture 4% very short, 33% short, 57% adequate, 6% surplus. Subsoil moisture 2% very short, 29% short, 66% adequate, 3% surplus. Corn reached 99% doughing, 97% last week, 96% last year, 99% 5-year average; 94% dented, 89% last week, 89% previous year, 95% 5-year average; 62% mature, 50% last week, 37% last year, 65% 5-year average; 1% harvested, 4% last year, 20% 5-year average. Corn condition 0% very poor, 7% poor, 20% fair, 49% good, and 24% excellent. Pasture condition 1% very poor, 9% poor, 25% fair, 51% good, 14% excellent. Livestock condition 1% very poor, 2% poor, 17% fair, 66% good, and 14% excellent. Most of the state received minimal rainfall last week. Producers continued to harvest crops as weather permitted.

CALIFORNIA: Days suitable for field work was 7 days. Topsoil moisture 50% very short, 30% short, 20% adequate, and 0% surplus. Subsoil moisture 35% very short, 45% short, 20% adequate and 0% surplus. The early part of the week featured a monsoonal moisture system expanding north across the State from the desert southwest to the Baja region. This was the major driver for widespread thunderstorm activity that affected most of the mountain and desert regions. Localized heavy rain and severe hail were observed over the eastern mountains with local flash flooding in the southern mountains and desert region. Temperatures early in the week were above normal statewide. The monsoonal moisture then began to shift east and south by the middle of the week with temperatures cooler as an onshore flow and low pressure troughing pattern developed. This low pressure trough generated some light precipitation amounts for the immediate North Coast region but dry conditions elsewhere. By the later part of the week, high pressure began to rebuild statewide
with temperatures warming to above normal levels. This return of high pressure also brought some monsoonal moisture back into the southern region of the State with localized flash flooding observed in the mountain areas. Alfalfa was cut, dried, and baled. Growers sprayed for aphids. Second crop silage sorghum was up and making excellent progress. In cotton, bolls were opening on a wider and mostly earlier basis. Some opened in stressed areas and bolls were popping in places with no apparent stress. Sudan grass was showing significant growth. Irrigation was winding down in places now, earlier than normal in some cases. Some fields were left fallow due to water issues. The nectarine, peach and inter-specific plums were picked, packed, and shipped to both local and foreign markets. Cling peach harvest was ongoing with yield, size and quality of the fruit being very good to excellent. Prunes were progressing well in the Sacramento Valley and Yuba County. Raisin grape harvest began in some areas of Tulare County. Table grape harvest increased, with Red Globe, Flame Seedless, Scarlet Royal, Princess, and Thompson varieties harvested in San Joaquin Valley. Harvest continued in early champagne grape and a few early variety vineyards. Other wine grapes were showing veraison. Apple harvest continued, with Gala and Gingerfold varieties picked. Later apple varieties were sugaring nicely. The harvest of late navel and Valencia oranges continued, but has slowed. Tangelos, grapefruit and lemons continued to be harvested and packed. Bartlett, Bosc, and Asian pear harvests were ongoing throughout the State. Olive, fig, kiwi and pomegranate fruit continued to grow well with some pomegranates harvested in Tulare County. Shaking for the Nonpareil almond continued in Tulare, Fresno, Kern, Sutter, and Yuba Counties. Hull rot and some mold became more apparent in some areas with high humidity cited as the major contributing factor. Various diseases are also building in some almonds orchards in the lower San Joaquin Valley. Scab is blowing up in some hard shells, especially the Padre variety. Rust has increased over the last couple of weeks. In Stanislaus County, most of the Nonpareil almonds have been windrowed or they are now shaken. There is a higher level of hull rot this year, which makes nuts stick. In Merced County, there is uneven ripening, some hard-to-remove nuts, and nuts that are still green. Spider mites continued to flare in scattered almond blocks, as well as in walnuts. In Fresno County, walnuts are developing quickly. The Ashley husks were already splitting. Overall, walnuts maturation is 2 weeks ahead of schedule. Spraying continued for Pistachio in Kern County with scattered alternaria outbreaks and some eggs and small worms found in some, so application timing was good. Tomato harvest continued in many counties including reports from Sutter, Merced, Fresno, and Tulare. Reported production was good with some decrease in yield due to heat and lack of water. There have been reports of powdery mildew in fields with a later harvest date. In Sutter County, tomatoes, melons, green beans, Bell peppers, squash, eggplant and cucumbers were harvested for farmers markets. In Monterey County, lettuce and brassicas are in production with field conditions reported as good. In San Mateo County, beans and Brussel sprouts are growing and peas are being harvested. In Tulare County, melons, beans, peppers, sweet corn, squash, and eggplant harvest continued with produce being sold at roadside stands and certified farmers markets. Range conditions continued to be very dry with little forage for cattle to feed in all elevations. Herd reduction continued in response to shortage of feed. Available water at the lower elevation continued to decline. Fire danger remained high across the State. Sheep and cattle grazed on idle fields, dry land grain, and alfalfa fields. Supplemental feeding of cattle continued. Bees worked alfalfa, sunflower, melon, and squash fields.

**COLORADO:** Days suitable for field work 6.0. Topsoil moisture 11% very short, 32% short, 54% adequate, 3% surplus. Subsoil moisture 22% very short, 31% short, 46% adequate, 1% surplus. Spring barley coloring 98%, 97% 2013, 98% avg.; harvested 56%, 24% 2013, 35% avg.; condition 2% very poor, 4% poor, 16% fair, 51% good, 27% excellent. Spring wheat coloring 80%, 67% 2013, 94% avg.; harvested 13%, 31% 2013, 24% avg.; condition 8% poor, 36% fair, 55% good, 1% excellent. Dry beans blooming 95%, 94% 2013, 88% avg.; condition 49% fair, 40% good, 11% excellent. Onions harvested 1%, 3% 2013, 8% avg.; condition 1% poor, 14% fair, 69% good, 16% excellent. Potatoes fall inside SLV condition 6% very poor, 15% poor, 26% fair, 43% good, 10% excellent. Potatoes fall outside SLV harvested 9%, 21% 2013, 14% avg.; condition 1% poor, 17% fair, 73% good, 9% excellent. Sugarbeets condition 1% very poor, 3% poor, 19% fair, 54% good, 23% excellent. Sunflowers condition 3% very poor, 21% poor, 27% fair, 42% good, 7% excellent. Alfalfa 2nd cutting 89%, 92% 2013, 90% avg.; 3rd cutting 40%, 20% 2013, 26% avg.; condition 3% very poor, 11% poor, 25% fair, 44% good, 17% excellent. Livestock condition 2% poor, 20% fair, 64% good, 14% excellent. Relatively dry conditions prevailed last week with isolated precipitation concentrated throughout the west slope and the northeastern district. Reporters noted dryness in some localities was exacerbated by the hot temperatures and lack of rainfall. Agricultural activities were progressing last week in localities where conditions were ideal, such as within the San Luis Valley.

**DELAWARE:** Days suitable for fieldwork, 6. Topsoil moisture; 1% very short, 23% short, 70% adequate and 6% surplus. Subsoil moisture; 1% very short, 17% short, 71% adequate and 6% surplus. Apples condition; 3% very poor, 6% poor, 24% fair, 62% good, 5% excellent. Corn condition; 3% very poor, 6% poor, 23% fair, 56% good, 12% excellent.
Pasture and Range Condition; 3% very poor, 9% poor, 42% fair, 44% good, and 3% excellent. Peaches condition; 4% very poor, 8% poor, 29% fair, 52% good, 7% excellent. Soybean condition; 0% very poor, 3% poor, 16% fair, 60% good, 21% excellent. Apples harvested; 19% this year, 34% last year, 34% five year average. Alfalfa 2nd cutting; 77% this year, 100% last year, 99% five year average. Alfalfa 3rd cutting; 56% this year, 63% last year, 64% five year average. Corn Milk; 95% this year, 100% last year, 100% five year average. Corn Dough; 69% this year, 75% last year, 84% five year average. Corn Dented; 23% this year, 37% last year, 49% five year average. Cantaloupe Harvested; 73% this year, 57% last year, 71% five year average. Cucumbers Harvested; 72% this year, 74% last year, 74% five year average. Other hay 2nd cutting; 80% this year, 99% last year, 99% five year average. Other hay 3rd cutting; 32% this year, 50% last year, 40% five year average. Soybean blooming; 81% this year, 73% last year, 81% five year average. Soybeans setting pods; 66% this year, 48% last year, 55% five year average. Sweet Corn Harvested; 73% this year, 81% last year, 82% five year average. Tomatoes Harvested; 67% this year, 62% last year, 63% five year average. Watermelon Harvested; 71% this year, 71% last year, 77% five year average. Peaches harvested; 41% this year, 70% last year, 81% five year average. Hay and Roughage Supplies; 0% very short, 6% short, 76% adequate and 18% surplus. Potatoes harvested; 41% this year, 77% last year, 80% five year average. Snap Beans harvested; 57% this year, 79% last year, 78% five year average. Green Peas harvested; 54 this year, N/A% last year, N/A% five year average. Lima Beans harvested 17% this year, 40% last year, 55% five year average. Field activities for the week include cutting hay, and harvesting fruits and vegetables.

**FLORIDA:** Days suitable for field work; 6.3. Topsoil moisture, 1% very short, 11% short, 65% adequate, 23% surplus. Subsoil moisture 1% very short, 11% short, 65% adequate, 23% surplus. Haying continued in Panhandle, north, central Florida. Army worms starting to come under control. Panhandle; seasonal production practices continued, preparing for fall harvest. Cotton in Walton County starting to bloom. Sugarcane 8-10 feet tall. Peanut condition; 4% poor, 16% fair, 72% good, 8% excellent. Peanut pegging at 98%. Bradford County harvesting okra, squash, field peas. Polk County preparing fields for strawberries. Land preparation and laying plastic for fall planting continued in southwest Florida. Vegetable crops being planted in Miami-Dade County, okra, boniato, bitter melon; harvested – okra, boniato, bitter melon, avocado, mango, longan, malanga. Pasture condition; 1% very poor, 3% poor, 25% fair, 61% good, 10% excellent. Cattle condition; 0% very poor, 1% poor, 14% fair, 73% good, 12% excellent. Cattle, pasture conditions generally good. Pastures in Jackson, Jefferson counties challenged by limited rainfall, some ranchers feeding hay. Water levels beginning to rise in ponds, wetlands, standing water in low lying areas in southwest Florida. Rainfall in citrus producing area widespread, generally heavy. All stations received some precipitation, Indian River (Indian River County) received the most at 3.18 inches. 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.

**GEORGIA:** Days suitable for fieldwork 6.4. Topsoil moisture 7% very short, 49% short, 39% adequate, 5% surplus. Subsoil moisture 9% very short, 40% short, 49% adequate, 2% surplus. Range and pasture condition 1% very poor, 10% poor, 44% fair, 41% good, 4% excellent. Corn condition 1% very poor, 6% poor, 28% fair, 53% good, 12% excellent. Corn harvested 31%, 22% 2013. Hay 2nd Cutting 95%, 73% 2013. Sorghum condition 0% very poor, 4% poor, 37% fair, 54% good, 5% excellent. Sorghum harvested 7%, 3% 2013. Soybean condition 0% very poor, 5% poor, 28% fair, 62% good, 5% excellent. Tobacco harvested 61%, 72% 2013. Precipitation estimates for the state ranged from no rain inches up to 4.4 inches. Average high temperatures ranged from the mid 80s to the mid 90s. Average low temperatures ranged from the mid 60s to the mid 70s.

**HAWAII:** Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 1% short, 99% adequate, 0% surplus. On August 12, the U.S. Drought Monitor reported that 0.61 percent of the State was abnormally dry or drier; down 27.46 percent from the previous week. The rainfall averaged 0.45 inches across the state. On Maui, the long day length continued to encourage good crop development and as well as required increased irrigation. Generally, crop quality was good, insect pressure for vegetable crop was relatively high and close monitoring was necessary to minimize insect damage. Active planting and harvesting continued last week. On the Big Island, overall, the warm and sunny weather last week helped with crop growth, development and to dry oversaturated pastures and fields. Some flooding in orchards and pastures was reported in Kau district. Also in Kau, damage to coffee trees and macadamia nut trees was reported to affect orchards. Shade houses and greenhouses had been were damaged from wind and falling trees in the Puna district; which affected a wide variety of crops in this location. Soggy pastures in windward districts increased parasite pressure in some livestock. Stream flow returned to normal flow rates at the beginning of the week and maintained a below average flow rate for the majority of the week.
IDAHO: Days suitable for field work 4.6 days. Topsoil moisture 3% very short, 33% short, 64% adequate, 0% surplus. Subsoil moisture 8% very short, 31% short, 60% adequate, 1% surplus. Winter Wheat Harvested 70%, 79% 2013, 56% avg. Barley Harvested 30%, 50% 2013, 31% avg. Barley Condition 6% Very Poor, 10% Poor, 23% Fair, 58% Good, 3% Excellent. Corn Condition 0% Very Poor, 0% Poor, 15% Fair, 83% Good, 2% Excellent. Dry Edible Beans Condition 0% Very Poor, 1% Poor, 29% Fair, 65% Good, 5% Excellent. Dry Peas Harvested 54%, 39% 2013, 23% avg. Hay 2nd cutting 88%, 91% 2013, 88% avg. Hay 3rd cutting 40%, 40% 2013, 32% avg. Oats Harvested 32%, 55% 2013, 42% avg. Potatoes harvested 1%, 1% 2013, 1% avg. Potatoes Condition 0% Very Poor, 3% Poor, 14% Fair, 68% Good, 15% Excellent. Spring Wheat Harvested 23%, 44% 2013, 24% avg. Spring Wheat Condition 3% Very Poor, 8% Poor, 40% Fair, 44% Good, 5% Excellent. Irrigation water supply 5% very poor, 8% poor, 27% fair, 51% good, 9% excellent. Range and Pasture 1% Very Poor, 6% Poor, 40% Fair, 47% Good, 6% Excellent. Precipitation Hurts Barley Crop Condition in Idaho. Days suitable for fieldwork were 4.6. Pasture and range conditions were reported to be 1% very poor, 6% poor, 40% fair, 47% good, and 6% excellent. Temperatures for the week ranged from 1 degree below normal to 4 degrees above normal. There was some precipitation across the entire state. Major agricultural activities included irrigation, harvesting of cereal grains and hay. Dry bean growers were having problems controlling weeds, primarily nightshade. Rain was increasing the level of disease and mold in many barley fields. Barley sprouted in the heads which was decreasing the quality of the crop. Precipitation was helping range conditions. In some areas of Idaho the second cutting of alfalfa was poor due to excessive amounts of precipitation.

ILLINOIS: Days suitable for fieldwork 5.3. Topsoil moisture 5% very short, 16% short, 69% adequate, 10% surplus. Subsoil moisture 3% very short, 24% short, 68% adequate, 5% surplus. Statewide temperature averaged 69.4 degrees, 4.4 degrees below average. Oats harvested 93%, 96% 2013, 95% avg. Scattered showers continued throughout the state for the week ending August 17th. The southeast part of the state received nearly 2 inches of precipitation while the northwest received one tenth of an inch.

INDIANA: Days suitable for fieldwork, 5.2. Topsoil moisture 4% very short, 26% short, 59% adequate, 11% surplus. Subsoil moisture 3% very short, 23% short, 67% adequate, 7% surplus. Corn mature 0%, 2013 0%, 5ya 2%. Soybeans dropping leaves 0%, 2013 0%, 5ya 1%. Alfalfa hay third cutting 51%, 64% 2013, 59% 5ya. Other hay third cutting, 43%. By region, corn doughing was 76% in South, 72% in North, and 70% in Central. By region, soybeans setting pods was 94% in North, 88% in Central, and 87% in South. Average temperatures for the week ending August 17 ranged from 64 to 75 degrees, and from 8 degrees to 2 degrees below normal. The lowest recorded temperature for the week was 41 degrees; the highest, 88 degrees. The statewide average temperature for the week was 67.8 degrees, 5.0 degrees below normal. Recorded precipitation ranged from 0.07 to 3.31 inches, with a statewide average of 1.09 inches. Significant rains alleviated dry conditions in select fields across the state this week, but were overall too intermittent to provide relief to the whole state. Corn in most areas is tolerating the dry weather well, although the same weather poses a developmental risk to soybeans currently setting pods. Irrigation is running at full capacity. Additionally, some southern districts have reported cases of Sudden Death Syndrome in soybean fields. The dry weather was excellent to finish hay’s second cutting, but is now slowing hay growth for third cutting. Farm activity for the week included hauling grain, cleaning bins, and roadside mowing.

IOWA: Days suitable for fieldwork 5.6. Topsoil moisture 8% very short, 23% short, 67% adequate, and 2% surplus. Subsoil moisture 6% very short, 22% short, 71% adequate, and 1% surplus. Alfalfa 2nd cutting 95%, 97% 2013, 96% average. Alfalfa 3rd cutting 36%, 33% 2013, 51% average. All hay condition 1% very poor, 7% poor, 27% fair, 49% good, 16% excellent. Below average precipitation across much of Iowa caused a drop in soil moisture, especially in the northeastern one-third of the State during the week. Activities for the week included aerial spraying and hay baling. Northeast Iowa was the driest with over 60 percent of topsoil in very short to short condition. Stress on livestock was minimal with some areas reporting higher insect populations.

KANSAS: Days suitable for fieldwork 6.1. Topsoil moisture supplies rated 13% very short, 32% short, 53% adequate, and 2% surplus. Subsoil moisture supplies rated 19% very short, 35% short, 45% adequate, and 1% surplus. Cotton squaring 87%, 86% 2013, 95% avg. Sunflowers blooming 57%, 63% 2013, 71% avg. Sunflower conditions 3% very poor, 5% poor, 33% fair, 51% good 8% excellent. Hay alfalfa conditions 4% very poor, 12% poor, 39% fair, 37% good, 8% excellent. Hay alfalfa third cutting 73%, 50% 2013, 78% avg. Hay alfalfa fourth cutting 3%, 1% 2013, 7% avg. Stock water supplies were rated 8% very short, 17% short, 74% adequate, and 1% surplus. Precipitation was limited to the northern half of the State, with totals less than a half inch in most areas. Temperatures were cooler than normal in the eastern half of Kansas and normal to slightly above normal in the west. Dryland row crops that have been missed by the
recent rain were showing signs of stress. Farmers have been busy preparing wheat fields for seeding, applying fertilizer, and cutting hay and silage.

KENTUCKY: Days suitable fieldwork 5.3. Topsoil moisture 13% very short, 30% short, 51% adequate, 6% surplus. Subsoil moisture 12% very short, 35% short, 49% adequate, 4% surplus. Precipitation averaged 1.29 inches, 0.43 inches above normal. Temperatures averaged 72 degrees, 4 degrees below normal. Corn silking 97%, 95% 2013, 98% average; milk 86%, 77% 2013, 86% average; mature 6%, 2% 2013, 12% average. Soybeans turning color 8%. Tobacco blooming 84%, 82% 2013, 85% average; topped 64%, 58% 2013, 64% average; cut 16%, 14% 2013, 14% average. Tobacco set condition 2% very poor, 6% poor, 23% fair, 53% good, 16% excellent. Primary activities this week included harvesting hay and cutting tobacco.

LOUISIANA: Days suitable for fieldwork, 5.6. Topsoil moisture 1% very short, 11% short, 73% adequate, 15% surplus. Subsoil moisture 2% very short, 10% short, 72% adequate, 16% surplus. Corn harvested 100% this week, 99% last week, 100% last year. Corn mature 87% this week, 73% last week, 96% last year, 98% average. Corn harvested 12% this week, 6% last week, 35% last year, 58% average. Corn condition 0% very poor, 0% poor, 9% fair, 68% good, 23% excellent. Sweet Potatoes harvested 5% this week. Hay second cutting 89% this week 78% last week, 92% last year, 86% average. Sugarcane planted 13% this week, 5% last week, 17% last year, 22% average. Sugarcane condition 2% very poor, 10% poor, 36% fair, 38% good, 14% excellent. Vegetables condition 2% very poor, 17% poor, 38% fair, 41% good, 2% excellent. Pasture condition 0% very poor, 6% poor, 24% fair, 57% good, 13% excellent. Livestock condition 1% very poor, 6% poor, 27% fair, 55% good, 11% excellent.

MARYLAND: Days suitable for fieldwork, 6. Topsoil moisture; 1% very short, 7% short, 84% adequate and 8% surplus. Subsoil moisture; 0% very short, 7% short, 90% adequate and 3% surplus. Apples condition; 0% very poor, 1% poor, 3% fair, 93% good, 3% excellent. Corn condition; 1% very poor, 2% poor, 9% fair, 57% good, 31% excellent. Range Condition; 1% very poor, 7% poor, 17% fair, 51% good, and 24% excellent. Peaches condition; 0% very poor, 3% poor, 7% fair, 70% good, 11% excellent. Soybean condition; 0% very poor, 2% poor, 8% fair, 55% good, 35% excellent. Alfalfa 2nd cutting; 79% this year, 100% last year, 99% five year average. Alfalfa 3rd cutting; 75% this year, 46% last year, 71% five year average. Alfalfa 4th cutting; 28% this year, 4% last year, 8% five year average. Apples Harvested; 20% this year, 28% last year, 24% five year average. Corn Milk; 89% this year, 100% last year, 100% five year average. Corn Dough; 55% this year, 85% last year, 83% five year average. Corn dented; 13% this year, 26% last year, 39% five year average. Cantaloupe Harvested; 54% this year, 62% last year, 68% five year average. Cucumbers Harvested; 56% this year, 70% last year, 71% five year average. Green Peas harvested; 48% this year, N/A last year, N/A five year average. Lima Beans harvested; 36% this year, 48% last year, 44% five year average. Other hay 2nd cutting; 75% this year, 96% last year, 96% five year average. Other hay 3rd cutting; 13% this year, 21% last year, 26% five year average. Peaches Harvested; 52% this year, 74% last year, 74% five year average. Potatoes Harvested; 43% this year, 81% last year, 86% five year average. Snap Beans Harvested; 63% this year, 79% last year, 79% five year average. Soybean blooming; 91% this year, 82% last year, 86% five year average. Soybean setting pods; 75% this year, 61% last year, 65% five year average. Sweet Corn Harvested; 71% this year, 70% last year, 72% five year average. Tomatoes Harvested; 54% this year, 59% last year, 67% five year average. Watermelon Harvested; 51% this year, 63% last year, 58% five year average. Hay and Roughage Supplies; 0% very short, 17% short, 79% adequate and 4% surplus. Field activities for the week include cutting hay, planting, and applying fertilizer.

MICHIGAN: Days suitable for fieldwork 5.2. Topsoil moisture 11% very short, 22% short, 59% adequate, 8% surplus. Subsoil moisture 7% very short, 22% short, 63% adequate, 8% surplus. Dry edible beans condition 2% very poor, 3% poor, 20% fair, 56% good, 19% excellent. Oats coloring 98%. Oats condition 1% poor, 2% poor, 29% fair, 53% good, 15% excellent. Barley harvested 68%. Alfalfa hay second cutting 90%. Alfalfa hay third cutting 34%. Other hay second cutting 82%, other hay third cutting 21%. Precipitation for the week ending August 17 ranged between 0.55 inches and 1.30 inches in the Upper Peninsula and between 0.02 inches and 5.27 inches in the Lower Peninsula. Temperatures ranged from 36 degrees to 84 degrees, with a state average of 62.1 degrees Fahrenheit, 5.0 degrees below normal. This week was characterized by significant rainfall earlier in the week, providing much needed moisture to some stressed areas. Rainfall ranged from nearly zero to over 5 inches in areas around the state. Temperatures were also significantly cooler than normal this week. Low temperatures and damp conditions have farmers watching for diseases and spraying fields. Growers would like more heat and sunny weather to spur crops to maturity, but progress overall is not far behind. Field activities for the week included combining small grains, spraying crops, spreading manure, and baling hay. Corn condition was 72% good to excellent compared to
69% last year. Soybeans condition was 64% good to excellent compared to 69% last year. Apple harvest began in the south, as Zestar and Pristine varieties were harvested. Fruit ranged from 1.75 to 2.25 inches in the northwest. The harvest of most varieties may begin closer to normal than had previously been predicted. Redhaven, John Boy, and PF Lucky 13 were among peach varieties harvested. Pears ranged from 1.7 inches in the northwest to 2.1 inches in the east. The sweet cherry harvest was completed. Tart cherry harvest was about 80 percent done in the northwest. Growers reported picking at or above original estimates. Picking of Redheart, Vanette, and Castleton plums began. Wine grapes were at berry touch in the northwest. Fall raspberry harvest continued. Trap catches of spotted wing Drosophila (SWD) continued to rise in the east, and SWD started showing up on harvested berries in the west central area. The machine harvest of Jersey blueberries continued, and hand harvest of Elliott began. Most growers have had effective SWD control, and fruit quality remained excellent. In the southwest region, downy mildew has been identified in vine crops, aided by cloudy, cool, and windy weather. Pumpkins were doing well in the southwest with some early planted pumpkins turning orange. Eggplant harvest began in the southwest region. Fusarium has become a problem in some watermelon plantings. Generally, disease pressure remains high in vegetable crops across most regions and many areas are still in need of precipitation.

MINNESOTA: Days suitable for fieldwork 6.0. Topsoil moisture rated 8% very short, 35% short, 54% adequate, and 3% surplus. Subsoil moisture rated 4% very short, 24% short, 70% adequate, and 2% surplus. Weekend rain gave Minnesota crops much needed precipitation. Field activities for the week included spraying for aphids, cutting hay, and small grain harvesting.

MISSISSIPPI: Days suitable for field work 5.5. Topsoil moisture 2% very short, 25% short, 65% adequate, 7% surplus. Subsoil moisture 3% very short, 23% short, 67% adequate, 7% surplus. Corn 97% dough this week, 95% last week, 100% 2013, 100% Avg. Corn 89% dented this week, 82% last week, 95% 2013, 98% Avg. Corn 60% mature this week, 44% last week, 51% 2013, 74% Avg. Corn 9% harvested this week, 2% last week, 5% 2013, 23% Avg. Corn condition was 0% very poor, 6% poor, 20% fair, 44% good, 30% excellent. Hay, second cutting, 83% cut this week, 77% last week, 83% 2013, 82% Avg. Hay condition was 0% very poor, 5% poor, 29% fair, 54% good, 12% excellent. Peanuts 91% pegging this week, 91% last week, 100% 2013, 100% Avg. Peanuts condition was 0% very poor, 6% poor, 27% fair, 53% good, 14% excellent. Sorghum 95% headed this week, 87% last week, 96% 2013, 99% Avg. Sorghum 55% coloring this week, 47% last week, 56% 2013, 78% Avg. Sorghum 23% mature this week, 11% last week, 3% 2013, 36% Avg. Sorghum condition was 0% very poor, 8% poor, 24% fair, 47% good, 21% excellent. Sweet potatoes condition was 0% very poor, 0% poor, 30% fair, 48% good, 22% excellent. Watermelon 94% harvested this week, 89% last week, 100% 2013, 100% Avg. Livestock condition was 0% very poor, 3% poor, 20% fair, 61% good, 16% excellent. Pasture and range condition was 1% very poor, 6% poor, 23% fair, 57% good, 13% excellent. Blueberries condition was 0% very poor, 1% poor, 30% fair, 64% good, 5% excellent. Rain was widespread throughout the state, with the south central region receiving an average of 1.77 inches.

MISSOURI: Days suitable for fieldwork 5.0. Topsoil moisture 6% very short, 23% short, 61% adequate, 10% surplus. Subsoil moisture 7% very short, 31% short, 57% adequate, 5% surplus. Hay and roughage supplies 7% short, 84% adequate, 9% surplus. Stock water supplies 1% very short 13% short, 81% adequate, 5% surplus. Temperatures averaged 71.6 degrees statewide, 4.5 degrees below normal. Rain averaged 1.26 inches statewide.

MONTANA: Days suitable for field work 5.6, 6.4 last year. Topsoil moisture 13% very short, 9% last year; 39% short, 34% last year; 43% adequate, 53% last year; 5% surplus, 4% last year. Subsoil moisture 9% very short, 8% last year; 41% short, 29% last year; 46% adequate, 61% last year; 4% surplus, 2% last year. Canola 92% turning, 94% last year. Canola 32% harvested, 28% last year. Corn condition 0% very poor, 2% last year; 3% poor, 3% last year; 32% fair, 41% last year; 49% good, 37% last year; 16% excellent, 17% last year. Dry beans 20% harvested, 19% last year. Dry peas 69% harvested, 52% last year. Dry peas condition 1% very poor, 6% last year; 4% poor, 8% last year; 32% fair, 30% last year; 52% good, 38% last year; 11% excellent, 18% last year. Flaxseed 66% turning, 89% last year. Alfalfa hay – 2nd cutting 58% harvested, 55% last year. Other hay – 2nd cutting 46% harvested, 40% last year. Lentils 31% harvested, 25% last year. Oats 93% turning, 94% last year. Oats 34% harvested, 27% last year. Oats condition 1% very poor, 4% last year; 3% poor, 10% last year; 35% fair, 38% last year; 53% good, 42% last year; 8% excellent, 6% last year. Sugar beets condition 1% very poor, 1% last year; 4% poor, 4% last year; 15% fair, 39% last year; 43% good, 40% last year; 37% excellent, 16% last year. Durum wheat 94% headed, 100% last year. Durum wheat 61% turning, 91% last year. Durum wheat 2% harvested, 1% last year. Durum wheat condition 4% very poor, 12% last year; 6% poor, 12% last year; 28% fair, 39% last year; 61% good, 35% last year; 1% excellent, 2% last year. The week ending August 17 was warm with stormy afternoons across much of Montana. Many stations did receive some measurable precipitation and Wibaux received the highest...
amount of precipitation at 4.33 inches of moisture. The high temperatures for Montana ranged from the mid 80s to lower 100s. Low temperatures ranged from the mid 30s to upper 50s.

**NEBRASKA:** Days suitable for fieldwork 6.1. Topsoil moisture supplies rated 7% very short, 31% short, 61% adequate and 1% surplus. Subsoil moisture supplies rated 11% very short, 32% short, 57% adequate, and 0% surplus. Hay alfalfa condition rated 2% very poor, 7% poor, 31% fair, 50% good and 10% excellent. Hay alfalfa 3rd cutting 68%, 55% 2013, 68% avg. Dry bean conditions rated 3% very poor, 1% poor, 15% fair, 60% good, 21% excellent. Dry Beans blooming 92%. Dry Beans setting pods 86%, 90% 2013, 86% avg. Stock water supplies rated 2% very short, 9% short, 88% adequate, and 1% surplus. Rain in the central part of the state help reduce the need for irrigation. Dryland crops in areas that did not receive rain were showing stress. Cooler weather in the eastern part of the state slowed down crop development, while warm temperature dried down hay and grass.

**NEVADA:** Days suitable for fieldwork 5.8. Topsoil Moisture 20% Very Short, 25% Short, 55% Adequate. Subsoil moisture 25% Very Short, 40% Short, 35% Adequate. Topsoil Moisture 20% Very Short, 25% Short, 55% 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 107 degrees and Ely experienced a low of 43 degrees. Las Vegas was the only station that reported a high that exceeded the 100 degree mark during the week. Eureka received 1.27 inches of precipitation; Tonopah accumulated 0.17 inches and Ely received 0.23 inches. The central portion of the State experienced high scattered clouds during the middle and latter days of the week. There were flash flood warnings issued in Lincoln County. Isolated storms were reported in the southern part of the State during the latter portion of the week.

**NEW ENGLAND:** Days suitable for fieldwork, 5.0. Topsoil moisture; 1% very short, 4% short, 63% adequate and 32% surplus. Subsoil moisture; 1% very short, 3% short, 66% adequate, 30% surplus. Blueberries, wild condition (ME); 0% very poor, 4% poor, 3% fair, 65% good, 28% excellent. Blueberries, wild progress (ME); 50% harvested. Blueberries, tame condition; 0% very poor, 1% poor, 8% fair, 75% good, 16% excellent. Blueberries, tame progress; 60% harvested. Cranberries condition (MA); 0% very poor, 10% poor, 30% fair, 50% good, 10% excellent. Barley all condition (ME); 0% very poor, 0% poor, 0% fair, 35% good, 65% excellent. Barley all progress (ME); 10% harvested. Corn all condition; 0% very poor, 1% poor, 10% fair, 70% good, 19% excellent. Oats all condition (ME); 0% very poor, 0% poor, 0% fair, 20% good, 80% excellent. Hay all condition; 0% very poor, 1% poor, 12% fair, 62% good, 25% excellent. Hay all progress; 77% second cutting, 17% third cutting. Potatoes all condition; 0% very poor, 0% poor, 1% fair, 75% good, 24% excellent. Potatoes all progress; 17% harvested. Apples all condition; 1% very poor, 2% poor, 11% fair, 78% good, 8% excellent. Apples all progress; 5% harvested. Peaches all condition; 3% very poor, 2% poor, 25% fair, 70% good, 0% excellent. Peaches all progress; 40% harvested. Pears all condition; 5% very poor, 1% poor, 18% fair, 68% good, 8% excellent. Pasture and range; 0% very poor, 4% poor, 29% fair, 50% good, 17% excellent. Sweet corn all progress; 49% harvested. Sweet corn all condition; 1% very poor, 1% poor, 15% fair, 72% good, 11% excellent. CT Valley binder tobacco all condition; 11% very poor, 0% poor, 11% fair, 70% good, 8% excellent. CT Valley binder tobacco progress; 20% harvested. CT Valley shade tobacco all condition; 0% very poor, 0% poor, 2% fair, 98% good, 0% excellent. CT Valley shade tobacco progress; 35% harvested.

**NEW JERSEY:** Days suitable for fieldwork, 6.0. Topsoil moisture; 4% very short, 21% short, 66% adequate and 9% surplus. Subsoil moisture; 5% very short, 19% short, 62% adequate and 14% surplus. Bell Peppers all progress; 57% harvested. Corn all progress; 97% silking, 40% milk. Hay Alfalfa all progress; 89% second cutting. Other Hay all progress; 83% second cutting. Sweet Corn all progress; 56% harvested. Peaches all progress; 19% fruit set, 10% harvested. Apples all condition; 0% very poor, 1% poor, 45% fair, 50% good, 4% excellent. Corn all conditions; 1% very poor, 6% poor, 25% fair, 50% good, 18% excellent. Hay Alfalfa conditions; 1% very poor, 9% poor, 39% fair, 43% good, 8% excellent. Other Hay conditions; 0% very poor, 5% poor, 42% fair, 39% good, 14% excellent. Pasture and range conditions are; 4% very poor, 6% poor, 46% fair, 28% good, and 16% excellent. Soybeans all conditions; 0% very poor, 1% poor, 26% fair, 77% good, 1% excellent. The following crops are being planted or replanted: arugula, beets, basil, lettuce, cilantro, collards, cucumbers, dill, escarole, endive, green onions, kale, leeks, parsley, radishes spinach, Swiss chard, broccoli and cauliflower. The following crops are being harvested: acorn squash, butternut squash, arugula, green beans, beets, basil, cabbage, cilantro, carrots, collards, sweet corn, cucumbers, summer dandelion, eggplant, green onions, kale, leeks, mint, mustard greens, parsley, peaches, peppers, summer squash, watermelon, muskmelon, Swiss chard, tomatoes and white potatoes.
**NEW MEXICO:** Days suitable for fieldwork 6.5. Topsoil moisture 33% very short, 27% short, 38% adequate and 2% surplus. Subsoil moisture 35% very short, 28% short, 36% adequate and 1% surplus. Alfalfa third cutting 96% complete, 85% 2013, 95% avg; fourth cutting 75% complete, 63% 2013, 70% avg; fifth cutting 25% complete, 11% 2013, 23% avg; 4% very poor, 5% poor, 34% fair, 46% good and 11% excellent. Corn silking 90%, 83% 2013, 91% avg; dough 44%, 22% 2013, 28% avg; denoted 13%, 13% 2013, 13% avg; harvested silage 7%, 6% 2013, 4% avg; 3% very poor, 4% poor, 26% fair, 34% good and 33% excellent. Cotton setting bolls 75%, 79% 2013, 66% avg; 5% poor, 51% fair, 24% good and 20% excellent. Peanuts pegging 70%, 52% 2013, 70% avg; 3% very poor, 21% poor, 68% fair and 8% good. Pecans 38% fair, 50% good and 12% excellent. Green chile harvested 23%, 18% 2013, 28% avg; 2% poor, 49% fair, 44% good and 5% excellent. Cattle 2% very poor, 10% poor, 46% fair, 37% good and 5% excellent. Sheep 19% very poor, 24% poor, 35% fair and 22% good. The monsoonal moisture was plentiful this week over much of the state. High pressure was centered over northern Texas which aided in bringing ample moisture up from the south. Good precipitation amounts include 1.02 inches at Clovis and 0.82 inches at Roswell. Temperatures were near normal area wide.

**NEW YORK:** Days suitable for fieldwork, 4. Topsoil moisture, 0% very short, 3% short, 58% adequate, and 39% surplus. Subsoil moisture, 0% very short, 3% short, 57% adequate, 40% surplus. Barley harvested, 25% this week, 7% last week. Cabbage harvested, 28% this week, 21% last week. Corn silking, 83% this week and 73% last week. Corn dough, 37% this week and 30% last week. Corn Dented is 6% this week. Corn Average Height is 81 inches this week and 75 inches last week. Hay alfalfa second cutting, 90% this week, 87% last week, 95% the previous year, and 94% average. Hay alfalfa third cutting, 45% this week and 33% last week, 39% the previous year. Hay other than alfalfa second cutting, 86% this week, 81% last week. Hay other than alfalfa third cutting, 36% this week, 14% last week. Oats harvested, 50% this week, 40% last week, 66% the previous year, and 66% average. Onions harvested, 15% this week, 11% last week, 13% previous year, 31% average. Potatoes harvested, 6% this week, 2% last week, 20% previous year, 28% average. Snap beans harvested, 36% this week, 5% last week, 32% previous year, 38% average. Soybeans blooming, 79% this week, 71% last week. Soybeans setting pods, 46% this week, 40% last week. Sweet Corn harvested, 43% this week, 22% last week, 43% the previous year, and 39% average. Winter wheat harvested, 94% this week, 90% last week, 99% last year and 99% average. Apples harvested, 8% this week. Peaches harvested, 23% this week. Pears harvested, 14% this week. Sweet cherries harvested, 36% this week, Tart Cherries harvested, 59% this week. Barley condition, 0% very poor, 3% poor, 18% fair, 62% good, 17% excellent. Corn condition, 1% very poor, 3% poor, 18% fair, 50% good, 28% excellent. Hay alfalfa condition, 2% very poor, 4% poor, 19% fair, 55% good, 20% excellent. Hay other than alfalfa condition, 2% very poor, 7% poor, 23% fair, 50% good, 18% excellent. Oats condition, 0% very poor, 2% poor, 19% fair, 63% good, 16% excellent. Pasture and range condition, 9% very poor, 7% poor, 24% fair, 47% good, 13% excellent. Snap Beans condition, 7% very poor, 7% poor, 21% fair, 49% good, 16% excellent. Soybeans condition, 0% very poor, 4% poor, 17% fair, 56% good, 23% excellent. Winter wheat condition, 2% very poor, 11% poor, 27% fair, 46% good, 14% excellent. Field activities for the week include hauling and spreading manure, applying fertilizer, plowing and planting of fields, mowing and baling hay, mowing pastures, spraying of trees, and fixing machinery.

**NORTH CAROLINA:** Days suitable for field work 5.2. Topsoil moisture 2% very short, 9% short, 73% adequate and 16% surplus. Subsoil moisture 1% very short, 10% short, 81% adequate and 8% surplus. Once again, the state experienced widespread showers and thunderstorms with many areas receiving between 1.0 and 2.0 inches of precipitation. Average temperatures continue to be below normal for another week as well. Reported data shows soybeans blooming at 80% and setting pods at 54%, in-line with the 5 year average. Cotton setting bolls is at 93% in-line with last year and the 5 year average. Reports for corn showed significant improvement with dough reported at 91%, dented at 78% and mature at 37%. The second cutting of hay showed minor increase to 80% with 3rd cutting reported at 29%, peaches harvested at 78% and flue-cured tobacco harvest progressing well at 36%.

**NORTH DAKOTA:** Days suitable for fieldwork 5.8. Topsoil moisture 2% very short, 15% short, 73% adequate, 10% surplus. Subsoil moisture 2% very short, 11% short, 79% adequate, 8% surplus. Winter wheat mature 26%. Winter wheat conditions 2% very poor, 10% poor, 29% fair, 52% good, 7% excellent. Durum wheat heading 98%, 100% 2013, 100% average. Durum wheat turning color 74%, 72% 2013, 70% average. Durum wheat mature 32%. Durum wheat harvested 3%, 2% 2013, 13% average. Durum wheat condition 0% very poor, 1% poor, 16% fair, 75% good, 8% excellent. Spring wheat turning color 86%, 85% 2013, 86% average. Spring wheat mature 46%. Barley turning color 96%, 93% 2013, 95% average. Barley mature 63%. Oats turning color 88%, 94% 2013, 91% average. Oats mature 60%. Oats condition 1% very poor, 1% poor, 9% fair, 75% good, 14% excellent. Canola turning color 80%, 68%
2013, 81% average. Canola harvested 1%, 0% 2013, 10% average. Canola condition 0% very poor, 2% poor, 11% fair, 65% good, 22% excellent. Flaxseed turning color 58%, 49% 2013, 63% average. Flaxseed condition 0% very poor, 2% poor, 16% fair, 72% good, 10% excellent. Dry edible peas dropping leaves 65%. Dry edible peas harvested 9%, 27% 2013, 43% average. Dry edible peas condition 0% very poor, 4% poor, 19% fair, 66% good, 11% excellent. Dry beans blooming 97%, 96% 2013, 99% average. Dry beans setting pods 83%, 76% 2013, 91% average. Dry beans dropping leaves 7%, 0% 2013, 5% average. Dry beans condition 2% very poor, 6% poor, 26% fair, 54% good, 12% excellent. Potatoes rows filled 89%, 88% 2013, 96% average. Potatoes condition 2% very poor, 7% poor, 28% fair, 53% good, 10% excellent. Corn silking 95%, 96% 2013, 96% average. Sugar beet condition 1% very poor, 7% poor, 30% fair, 53% good, 9% excellent. Sunflowers blooming 77%, 66% 2013, 79% average. Sunflower condition 0% very poor, 1% poor, 16% fair, 70% good, 13% excellent. Alfalfa 2nd cutting 60%, 75% 2013, 72% average. Alfalfa condition 1% very poor, 3% poor, 12% fair, 62% good, 22% excellent. Stock water supplies 0% very short, 3% short, 85% adequate, and 12% surplus. Rain was received over the weekend across most of the State. Some isolated areas in the west and central parts of the State reported amounts of 4 to 5 inches, but most rainfall amounts were in the half inch to 2 inch range. The moisture was much needed for row crop development; however, small grain harvest came to a halt.

**OHIO:** Days suitable for fieldwork 5.1. Topsoil moisture 4% very short 23% short, 62% adequate, 11% surplus. Subsoil moisture 3% very short 20% short, 67% adequate, 10% surplus. Alfalfa hay third cutting 58%, NA 2013, NA Avg. Other hay second cutting 86%, NA 2013, NA Avg. Other hay third cutting 46%, NA 2013, NA Avg. Average temperatures recorded around the State ranged from 64 to 72 degrees or nine degrees below to one degree above normal. The lowest recorded temperature was 39 degrees and the highest was 90 degrees. The statewide average temperature for the week was 67.1 degrees, 4.5 degrees cooler than normal. Recorded precipitation ranged from 0.08 to 4.71 inches, with a statewide average of 1.40 inches. Rain combined with significantly cooler than normal temperatures helped alleviate some moisture stress issues this week. While some areas still need more rain, the added moisture was a positive for crop progression. The cold temperatures, while a positive for soil moisture, could slightly hinder crop development. Oat harvesting continued this week, though growers are behind compared to last year and the five year average due to rain this week limiting some field work. Corn is progressing well, tracking closely to the five-year average in the dough and dented stages. Corn condition was 75% good to excellent compared to 82% at this time last year. Soybeans are progressing quickly as well, and soybean condition was 72% good to excellent compared to 75% at this time last year. Growers also continue to harvest hay, and are spraying for weeds.

**OKLAHOMA:** Days suitable for fieldwork 6.6. Topsoil moisture 9% very short, 38% short, 50% adequate, 3% surplus. Subsoil moisture 22% very short, 41% short, 37% adequate, 0% surplus. Corn silking 97% this week, 92% last week, 98% last year, 100% average. Peanuts mature 1% this week, 0% last week, 0% last year, 0% average. Alfalfa condition 7% very poor, 12% poor, 34% fair, 41% good, 6% excellent; third cutting 82% this week, 68% last week, 81% last year, 77% average; fourth cutting 23% this week, 1% last week, 15% last year, 27% average. Other Hay 7% very poor, 13% poor, 38% fair, 37% good, 5% excellent; first cutting 94% this week, 91% last week, 100% last year, 100% average; second cutting 47% this week, 40% last week, 48% last year, 40% average. Watermelons harvested 55% this week, 50% last week, 80% last year, 83% average. Livestock condition 1% very poor, 3% poor, 25% fair, 60% good, 11% excellent. Pasture and range condition 5% very poor, 11% poor, 32% fair, 45% good, 7% excellent. Seven of the eight Mesonet districts received some rainfall last week; however totals were very minimal. Since March 1st, the state has received 88 percent of its normal precipitation. Additional moisture is needed to aid in row crop progression, for runoff the fill ponds and lakes, and to alleviate drought conditions statewide. Row crops continued to make progress and conditions continued to be rated mostly good to fair for most row crops, except soybeans which were rated mostly excellent to good. The hot, dry weather has negatively affected cotton and soybeans in the Southwest District. Hay harvest continued statewide and the amounts of moisture received this season have contributed greatly to the yield and quality of hay. Temperatures ranged from 53 degrees at Miami on Wednesday, August 13th to 103 degrees at Tipton on Friday, August 15th. Precipitation ranged from 0.00 inches in the Southwest District to 0.36 of an inch in the South Central District. Topsoil and subsoil moisture conditions were rated mostly adequate to short.

**OREGON:** Days suitable for field work 5.3 days. Topsoil Moisture 19% Very Short, 40% Short, 38% Adequate, 3% Surplus. Subsoil Moisture 20% Very Short, 43% Short, 36% Adequate, 1% Surplus. Range and Pasture 14% Very Poor, 29% Poor, 34% Fair, 22% Good, 1% Excellent. Barley Condition 4% Very Poor, 7% Poor, 45% Fair, 41% Good, 3% Excellent. Winter Wheat Harvested 92%, 95% 2013, 83% avg. Spring Wheat Harvested 74%, 73% 2013, 67% avg. Hay 2nd cutting 97%, 80% 2013, 87% avg. Hay 3rd cutting 55%, 9% 2013, 23% avg. Barley Harvested 75%, 70% 2013, 68%
avg. Winter Wheat Harvest Winding Down in Oregon. Days suitable for fieldwork were 5.3. Pasture and range conditions were reported to be 14% very poor, 29% poor, 34% fair, 22% good, and 1% excellent. In western Oregon winter wheat harvest was almost complete. Red clover was ready to be swathed. Field corn irrigation continued and ears were showing. Hazelnut crop was looking better as the crop matures. Water and heat stress was bringing out Eastern Filbert Blight on many hazelnut trees. Blueberry mechanical picking was on going. Peaches, Asian pears, and Italian prunes were ripe. Orchard and vineyard crops continued to ripen quicker than average. Sweet corn was being trucked to processors. Tomatoes were ripening quickly and most vegetables were abundant. Greenhouses and nurseries were being irrigated and nursery cover crops were being plowed under. Low and sub-irrigated pastures continued to dry. This has caused some producers to haul water or shift livestock. In eastern Oregon winter wheat harvest was winding down. Spring wheat and barley harvest was going strong. Pea harvest looked good in some parts of Oregon. Some precipitation and wind caused damage to some crops.

**PENNSYLVANIA:** Days suitable for fieldwork, 4.5. Topsoil moisture, 1% very short, 9% short, 77% adequate, and 13% surplus. Subsoil moisture, 3% very short, 7% short, 76% adequate, 14% surplus. Corn milk, 61% this week, n/a last year, n/a average. Corn Dough, 31% this week, 54% last year, 50% average. Corn Dent, 6% this week, 15% last year, 16% average. Oats mature, 89% this week, 98% last year, 96% average. Soybean blooming, 94% this week, 100% last year, 100% average. Soybeans setting pods, 80% this week, 100% last year, 100% average. Hay alfalfa second cutting, 88% this week, 100% last year, 100% average. Hay alfalfa third cutting, 56% this week, 75% last year, 78% average. Hay alfalfa fourth cutting, 19% this week, 12% last year, 13% average. Hay other than alfalfa second cutting, 80% this week, 84% last year, 85% average. Hay other than alfalfa third cutting, 28% this week, n/a last year, n/a average. Apples Harvested, 16% this week, 32% last year, 31% average. Peaches Harvested, 47% this week, 79% last year, 76% average. Potatoes harvested, 21% this week, 15% last year, 18% average. Tobacco cut, 11% this week, n/a last year, n/a average. Apples condition, 2% very poor, 6% poor, 18% fair, 49% good, 25% excellent. Corn condition, 1% very poor, 3% poor, 16% fair, 47% good, 33% excellent. Soybeans condition, 0% very poor, 2% poor, 14% fair, 61% good, 23% excellent. Quality of Hay Made, 3% very poor, 7% poor, 28% fair, 31% good, 31% excellent. Pasture condition, 4% very poor, 4% poor, 36% fair, 39% good, 17% excellent. Peaches condition, 2% very poor, 1% poor, 27% fair, 42% good, 28% excellent. Field activities for the week included haymaking, bailing straw and spraying.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.2. Topsoil Moisture 2% very short, 16% short, 76% adequate, 6% surplus. Subsoil Moisture 1% very short, 18% short, 78% adequate, 3% surplus. Pasture and Range condition 0% very poor, 17% poor, 39% fair, 42% good, 2% excellent. Peanuts condition 0% very poor, 2% poor, 16% fair, 68% good, 14% excellent. Livestock condition 0% very poor, 2% poor, 36% fair, 54% good, 8% excellent. Soybeans condition 0% very poor, 3% poor, 22% fair, 66% good, 9% excellent. Tobacco condition 0% very poor, 0% poor, 29% fair, 65% good, 6% excellent. Corn condition 1% very poor, 7% poor, 26% fair, 58% good, 8% excellent. Corn Doughed 100%, 99% last year. Corn Mature 85%, 17% 2013. Corn Harvested 19% (NA) 2013. Peaches Harvested 93%, 93% 2013. Cantaloupes Harvested 97%, 96% 2013. Peanuts pegged 100%, 98% 2013. Soybeans Blooming 94%, 66% 2013. Soybeans setting pods 36%, 17% 2013. Tobacco Harvested 74%, 62% 2013. The state average temperature for the seven-day period was near the long-term average. The state average rainfall for the seven-day period was 0.5 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 5.1. Topsoil moisture 2% very short, 23% short, 73% adequate, 2% surplus. Subsoil moisture 2% very short, 22% short, 75% adequate, 1% surplus. Spring wheat coloring 97%. Spring wheat mature 80%, 90% 2013, 96% average. Barley coloring, 97%, 99% 2013,99% average. Barley mature 69%, 90%2013 91% average. Oats mature 94%, 95% 2013, 96% average. Sunflower conditions 1% very poor, 1% poor, 25% fair, 69% good, 4% excellent. Sunflower blooming 69%, 66% 2013, 76% average. Alfalfa conditions 0% very poor, 8% poor, 22% fair, 50% good, 20% excellent. Alfalfa second cutting 81%, 93% 2013, 92% average. Alfalfa third cut 23%, 27% 2013, 33% average. Stock waters supplies 2% very short, 15% short, 80% adequate, 3% surplus. Temperatures were above normal in the western part of the State but below normal across the east. Scattered rain showers were reported in many areas.

**TENNESSEE:** Days suitable for fieldwork 5.8. Topsoil moisture 7% very short, 27% short, 60% adequate, 6% surplus. Subsoil moisture 8% very short,26% short, 63% adequate, 3% surplus. Corn doughing, 92%, corn denting, 53%. Cotton 89% setting bolls, 8% bolls opening. Soybeans,91% blooming, 75% setting pods. Winter wheat 99% harvested. Corn condition 5% poor, 19% fair, 54% good, 22% excellent. Cotton condition, 1% very poor, 6% poor, 24% fair, 56% good, 13% excellent. Soybean condition 1% very poor, 5% poor, 20% fair, 58% good, 16% excellent. Pasture and Range condition 2% very poor, 15% poor 33% fair, 46% good, 4% excellent. Other activities included herbicide and insecticide applications, and second cuttings of hay.
TEXAS: Days suitable for fieldwork 6.7. Topsoil moisture 29% very short, 46% short, 24% adequate, 1% surplus. Subsoil moisture 26% very short, 48% short, 25% adequate, 1% surplus. Corn matured 60%, 57% 2013, 60% avg. Corn harvested 32%, 46% 2013, 47% avg. Cotton squaring 99%, 98% 2013, 98% avg. Cotton harvested 4%, 3% 2013, 4% avg. Sorghum harvested 53%, 56% 2013, 52% avg. Soybeans dropping leaves 23%, 24% 2013, 18% avg. Sunflowers harvested 37%, 9% 2013, 6% avg. Range and pasture condition 11% very poor, 20% poor, 35% fair, 27% good and 7% excellent. Most areas of the state received measurable rainfall last week. The Edwards Plateau, Trans-Pecos and High Plains received between 1 to 4 inches in isolated areas, while the Upper Coast, the Lower Valley and South East Texas saw up to 3 inches of rainfall. Other areas within the state received no more than one inch of rainfall. Hot and humid weather persisted across the state last week, with highs ranging between the mid 90s and low 100s. Preparations for fall seedings continued across the state. Corn harvest continued in areas of the Blacklands, Edwards Plateau, and South Texas. In the Northern High Plains, some irrigated corn continued to be cut for silage. Cotton progressed in the Low Plains and the Edwards Plateau, with some producers beginning harvest in South Texas. Sorghum harvest neared completion in areas of South Central Texas. Sugarcane aphid populations became a cause of concern for sorghum producers in the Blacklands. Rice producers in the Upper Coast anticipate harvest in the upcoming weeks. Sunflower harvest continued in the Blacklands. Irrigated soybeans progressed in areas of the Northern High Plains. In the Cross Timbers, some pecan trees were experiencing drop, while producers continued to irrigate orchards in areas of South Texas. Sesame harvest was active in the Edwards Plateau. Watermelon harvest continued in areas of the Southern High Plains and the Cross Timbers. In some areas of the Coastal Blend and the Upper Coast, livestock producers reported improved cattle body conditions, while some producers in South Texas continued to provide supplemental feed due to drought conditions. Armyworm and grasshopper populations remained a concern for pastures in the Blacklands and North East Texas. Feral hog damage continued to be seen in areas of East Texas.

UTAH: Days suitable for field work 6.1. Topsoil moisture 14% very short, 46% short, 40% adequate. Subsoil Moisture 19% very short, 49% short, 32% adequate. Winter wheat harvested 85%, 83% 2013, 77% 5-yr avg. Barley harvested 64%, 71% 2013, 67% 5-yr avg. Barley condition 9% fair, 67% good, 24% excellent. Oats harvested 41%, 41% 2013, 41% 5-yr avg. Oats Condition 17% fair, 72% good, 11% excellent. Spring wheat harvested 50%, 61% 2013, 55% 5-yr avg. Spring wheat condition 4% poor, 19% fair, 56% good, 21% excellent. Alfalfa hay second cutting 97%, 96% 2013, 93% 5-yr avg. Alfalfa hay third cutting 21%, 23% 2013, 31% 5-yr avg. Corn Silked 5%, 23% 2013, 18% 5-yr avg. Corn Dough stage 23%, 19% 2013, 18% 5-yr avg. Apricots harvested 76%, 97% 2013, 98% 5-yr avg. Peaches harvested 14%, 23% 2013, 19% 5-yr avg. Cattle and calves condition 1% poor, 21% fair, 66% good, 12% excellent. Sheep and lamb condition 14% fair, 80% good, 6% excellent. Stock water supplies 11% very short, 37% short, 52% adequate. Pasture and range condition 3% very poor, 17% poor, 45% fair, 34% good, 1% excellent. In Beaver County, third crop alfalfa hay and corn are growing well. Livestock are looking very good this year. Water weather was the rule in Box Elder County with all days being suitable for field work. Much of the hay that had been delayed from being cut due to the threat of rain was cut and windrowed in the fields. The wheat harvest has been slower this summer due to intermittent showers and higher humidity. The Wheat harvest is winding down. A good portion of the irrigated and non-irrigated wheat has been harvested. Yields were reported to be good and quality seemed to be good with protein levels of the hard red winter wheat at about 12 to 13 percent. Some wheat farmers will be looking to plant fall wheat in the next few weeks. Corn continues to look good and has all tasseled and silked in the County. Onions look very good this year. They are starting to size up and mature and should be ready to harvest about the third week in September. Livestock are generally doing well on the summer ranges. Recent storms have refreshed the feed and in some cases have refilled some ponds that were dry. Growers in Cache County have been very busy harvesting wheat, barley, and oats in recent days. Yields are exceptional and bushel weights are much higher than normal. Producers are very grateful for the favorable growing season we have enjoyed, which includes early planting, timely rains, and adequate irrigation water. Alfalfa hay is yielding well, though there has been some rain damage. Corn is growing very well and most growers will have adequate irrigation water to get their crop to full maturity. Cattle and calves, ewes and lambs, continue to do well.

VIRGINIA: Days suitable for fieldwork 5.8. Topsoil moisture 3% very short, 24% short, 67% adequate, 6% surplus. Subsoil moisture 4% very short, 26% short, 68% adequate, 2% surplus. Cotton setting bolls 95%, 97% 2013, 89% 5 year avg. Cotton bolls opening 2%, 2% 2013, 6% 5-yr avg. Peanuts 2% fair, 80% good, 18% excellent. Peanuts pegging 96%, 95% 2013, 90% 5-yr avg. Corn 1% very poor, 9% poor, 22% fair, 55% good, 13% excellent. Corn dough 80%, 74% 2013, 83% 5-yr avg. Corn dented 50%, 44% 2013, 56% 5-yr avg. Corn matured 7%, 9% 2013, 18% 5-yr avg. Corn silage harvested 12%, 17% 2013, 37% 5-yr avg. Soybeans 3% poor, 22% fair, 62% good, 13% excellent. Soybeans blooming 71%, 77% 2013, 81% 5-yr avg. Soybeans setting pods 42%, 48% 2013, 49% 5-
yrd. Pasture and range conditions were reported to be 10% very poor, 18% poor, 43% fair, 25% good, and 4% excellent. Winter Wheat Harvested 89%, 83% PW, 79% PY and 67% 5YA. Spring Wheat Harvested 68%, 49% PW, 39% PY, and 34% 5YA. Barley Condition 5% Very Poor, 18% Poor, 54% Fair, 22% Good, and 0% Excellent. Barley Harvested 65%, 40% PW, 35% PY, and 27% 5YA. Potatoes Condition 0% Very Poor, 2% Poor, 27% Fair, 66% Good, 5% Excellent. Potatoes Harvested 25%, 19% PW, 23% PY, and 25% 5YA. Corn Condition 0% Very Poor, 1% Poor, 31% Fair, 54% good, 14% Excellent. Corn Silked 90%, 86% PW, 89% PY, and 78% 5YA. Corn Dough 54%, 45% PW, 9% PY, and 12% 5YA. Corn Dent 4%, 2% PW, 4% PY, and 4% 5YA. Dry beans Condition 0% very Poor, 8% poor, 38% fair, 51% Good, and 3% Excellent. Dry Pea Harvested 74%, 70% PW, 62% PY, 54% 5YA. Alfalfa second cutting of hay 95%, 90% PW, 99% PY, and 90% 5YA. Alfalfa third cutting of hay 41%, 19% PW, 37% PY, and 35% 5YA. Apple Harvest Underway in Washington Days suitable for fieldwork were 5.4. Pasture and range conditions were reported to be 10% very poor, 18% poor, 43% fair, 25% good, and 4% excellent. In Yakima County daytime highs were initially near triple digits at the beginning of the week, before widespread rain showers dropped from 0.05 to 0.08 inches of rain. With the arrival of cooler temperatures, agricultural activities picked up. Field crews were out harvesting melons, squashes, cucumbers, sweet corn, tomatoes, peppers, as well as blueberries, peaches, and nectarines. Also in Yakima County, Bartlett pear harvest started over the past week. Gala apples were coming in with fruit size and quality considered good. Orchard crews distributed harvest bins in fields, applied kaolin clay and laid down reflective ground color on what looks to be a big apple harvest. No crop losses due to weather conditions were reported. Whitman County received 0.32 inches of precipitation in scattered thunder showers throughout the week. Producers anticipate improvement grain crop conditions. Producers in Adams County also welcomed the wet weather as winter wheat seeding was set to kick off.

WEST VIRGINIA: Days suitable for fieldwork 5. Topsoil moisture was 2% very short, 18% short, 79% adequate, and 1% surplus compared to 4% short, 89% adequate, and 7% surplus last year. Subsoil moisture was 8% very short, 26% short, and 66% adequate, comparison data not available. Corn conditions were 3% very poor, 8% poor, 22% fair, 50% good, and 17% excellent. Corn was 84% silked, 84% in 2013, and 89% 5-year avg. Corn was 39% doughing, 18% in 2013, and 43% 5-year avg. Corn was 7% dented, comparison data not available. Soybean conditions were 2% poor, 10% fair, and 88% good. Soybeans were 90% blooming, 80% in 2013, and 87% 5-year avg. Soybeans were 68% setting pods, 38% in 2013, and 58% 5-year avg. Winter wheat was 95% harvested, comparison data not available. Hay conditions were 1% very poor, 5% poor, 32% fair, 59% good, and 3% excellent. Hay second cutting was 56%, 26% in 2013, and 45% 5-year avg. Apple conditions were 6% poor, 15% fair, 65% good, and 14% excellent. Peach conditions were 3% very poor, 6% poor, 16% fair, 60% good, and 15% excellent. Peaches were 51% harvested, 34% in 2013, and 48% 5-year avg. Cattle and calves were 2% poor, 20% fair, 73% good, and 5% excellent. Sheep and lambs were 1% poor, 20% fair, 77% good, and 2% excellent. Farming activities included making hay, chopping corn, and harvesting peaches. There have been more reports of cattle infected with pinkeye. The 90th State Fair ended on Saturday.
WISCONSIN: Days suitable for fieldwork 6.0. Topsoil moisture 13% very short, 32% short, 53% adequate and 2% surplus. Subsoil moisture 7% very short, 30% short, 61% adequate, and 2% surplus. Winter wheat harvested 90%, n.a. 2013, n.a. avg. Hay, alfalfa, third cutting 57%, 46% 2013, 59% avg; fourth cutting 1%, 0% 2013, 5% avg. Hay, all types, condition 1% very poor, 4% poor, 16% fair, 57% good, 22% excellent. Potatoes condition 3% poor, 19% fair, 65% good, 13% excellent. The weather pattern of the past month continued, with patchy precipitation and cooler than average temperatures throughout the week. Overnight lows dipped into the 40s across much of the state, with daytime highs averaging around 80. Again, widespread patchy rain on Monday and over the weekend brought moisture to some areas but bypassed others. This precipitation was badly needed, especially in the northeast, where rainfall for the season and the year to date remain below normal. The southwest corner of the state only received trace precipitation this week, causing a sharp drop in soil moisture there. Mild, sunny days facilitated small grains, straw, and hay harvest. However, reporters were concerned that corn was not developing quickly enough. Dry, cool conditions and late planting have contributed to uneven plant heights and maturity. Heat and precipitation are needed to ensure good cob fill in the coming weeks. Across the reporting stations, average temperatures this week were 2 to 3 degrees below normal. Average high temperatures ranged from 76 to 81 degrees, while average low temperatures ranged from 54 to 60 degrees. Precipitation totals ranged from 0.07 inches in La Crosse to 1.64 inches in Green Bay.

WYOMING: Days suitable for fieldwork 6.5. Topsoil moisture 13% very short, 35% short, 52% adequate, 0% surplus. Subsoil moisture 10% very short, 35% short, 55% adequate, 0% surplus. Barley coloring 94%, 86% 2013, 89% 5-yr avg; mature 77%, 73% 2013, 75% 5-yr avg; harvested 24%, 51% 2013, 57% 5-yr avg; condition 2% fair, 66% good, 32% excellent. Oats coloring 83%, 73% 2013, 84% 5-yr avg; mature 63%, 43% 2013, 61% 5-yr avg; harvested 19%, 30% 2013, 36% 5-yr avg; condition 1% very poor, 0% poor, 3% fair, 87% good, 9% excellent. Spring wheat coloring 88%, 93% 2013, 89% 5-yr avg; mature 66%, 80% 2013, 71% 5-yr avg; harvested 43%, 46% 2013, 39% 5-yr avg; condition 8% fair, 88% good, 4% excellent. Sugar beets condition 85% good, 15% excellent. Winter wheat harvested 64%, 85% 2013, 92% 5-yr avg; condition 2% poor, 29% fair, 66% good, 3% excellent. Corn silking 78%, 76% 2013, 77% 5-yr avg; dough 10%, 0% 2013, 7% 5-yr avg; condition 4% fair, 89% good, 7% excellent. Dry beans blooming 95%, 86% 2013, 89% 5-yr avg; setting pods 58%, 60% 2013, 70% 5-yr avg; 8% coloring, 9% 2013, 15% 5-yr avg; condition 8% fair, 80% good, 12% excellent. Alfalfa hay 2nd cutting 67%, 59% 2013, 60% 5-yr avg. Livestock condition 2% poor, 17% fair, 65% good, 16% excellent. Pasture and Range condition 8% poor, 17% fair, 59% good, 16% excellent. Crop insect infestation 3% severe, 6% moderate, 50% light, 41% none. Irrigation water supplies 4% poor, 6% fair, 78% good, 12% excellent. Albany County reported excellent hay yields, but a large amount of hay has suffered some rain damage.
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).
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