



Crop Progress - State Stories

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ALABAMA: Days suitable for fieldwork was 6.0. Topsoil moisture 17% very short, 41% short, 40% adequate, 2% surplus. Subsoil moisture 18% very short, 39% short, 42% adequate, 1% surplus. Corn mature 75%, 55% last week, 46% 2013, 73% avg. Corn harvested 21%, 8% last week, 5% 2013, 21% avg. Corn condition 3% poor, 14% fair, 56% good, 27% excellent. Soybeans blooming 95%, 89% last week, 83% 2013, 94% avg. Soybeans setting pods 86%, 79% last week, 69% 2013, 81% avg. Soybeans dropping leaves 24%, 11% last week, 3% 2013, 12% avg. Soybeans condition 3% poor, 26% fair, 59% good, 12% excellent. Livestock condition 1% very poor, 8% poor, 21% fair, 60% good, 10% excellent. Pasture and range condition 3% very poor, 18% poor, 30% fair, 43% good, 6% excellent. The week's average mean temperatures ranged from 75.5 F in Opelika to 82.4 F in Mobile; total precipitation ranged from 0.00 inches in Brewton and Geneva to 2.19 inches in Guntersville. It was dry and hot across Alabama last week until showers moved across most of the state over the weekend. The dryer conditions pushed the area of the state rated abnormally dry to 63 percent, with 10% of the state rated in moderate drought. Only minimal changes in crop and livestock conditions were recorded. Crop development was pushed further along in the hot, dry environment.

ALASKA: Days suitable for fieldwork 4.0. Topsoil moisture 85% adequate, 15% surplus. Subsoil moisture 100% adequate. Barley harvested <5%. Oats harvested <5%. First cutting hay 97% complete. Second cutting hay 10% complete. Barley condition 20% fair, 40% good, 40% excellent. Oat condition 35% fair, 40% good, 25% excellent. All hay condition 5% poor, 30% fair, 60% good, 5% excellent. Potato condition 55% good, 45% excellent. Condition of pasture 5% poor, 15% fair, 65% good, 15% excellent. Wind and rain damage to crops 80% none, 5% light, 15% moderate. The main farm activities for the week were harvesting hay, forage oats and vegetables, weed control, preparing for grain and potato harvest, farm maintenance. Continued cool, wet conditions in the Delta Junction area are hampering hay harvest and slowing grain development.

ARIZONA: Days suitable for field work 7.0 days. Topsoil moisture 1% very short, 32% short, 67% adequate and 0% surplus. Subsoil moisture 5% very short, 33% short, 62% adequate and 0% 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 continued to improve after the second week of rain. Beneficial moisture was seen around the State, resulting in some new forage and filled stock tanks. Range and Pastures were rated in very poor to excellent condition, depending on location.

ARKANSAS: Days suitable for fieldwork 6.4. Topsoil moisture 9% very short, 44% short, 45% adequate, 2% surplus. Subsoil moisture 4% very short, 44% short, 51% adequate, 1% surplus. Corn reached 99% dented, 97% last week, 97% previous year, 99% 5-year average; 92% mature, 79% last week, 75% last year, 90% 5-year average; 19% harvested, 7% last week, 22% last year, 50% 5-year average. Corn condition 0% very poor, 7% poor, 22% fair, 47% good, and 24% excellent. Pasture condition 2% very poor, 14% poor, 28% fair, 46% good, 10% excellent. Livestock condition 1% very poor, 2% poor, 21% fair, 67% good, and 9% 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, 50% short, 15% adequate and 0% surplus. The State was dominated by the semi-permanent Pacific High pressure system. This weather pattern is typical for late August in the State. The one exception was the Central Valley. The beginning of the week had below normal temperatures for late August with daytime highs in the 80's. This was due to a trough off the coast bringing cooler marine air into the valley. The entire State was under clear skies throughout the week, except the marine layer along the coast. The daytime highs were near normal for the week. Highs in the Central Valley were in the 90s, except for Monday and Tuesday in the 80s. Highs along the coast were in the 60s. Highs in the mountains were in the 70s. Southern portions of the State had highs in the 70s to

lower 80s. The desert region was hot, ranging from 100 to 114 degrees. Alfalfa was cut, dried, and baled. Second crop silage sorghum was making excellent progress, with some heading noted. Sudan grass was cut and baled. Cotton was showing good growth, with over a fourth of the acreage with open bolls. The crop condition was 80 percent good or excellent. Black-eyed peas were in various stages of development, with some pods drying. Silage corn was harvested. In Tulare County, the table grape harvest was progressing well. Some raisin grapes were rolled and binned. In Fresno County, wine grape harvest is one-third complete. Symphony and Syrah grape harvest was almost complete. Cabernet, Ruby Cabernet and others are expected to be complete in the next couple of weeks. The sugar level and quality are both excellent. Peaches, plums, and nectarines continue to be picked, packed and shipped to both local and foreign markets. Stone fruit exporting remained active. Valencia orange harvest continued. Citrus re-greening is an ongoing problem. Citrus groves were skirted and pruned for insect control. Olives continued maturing normally. In San Joaquin County, Gala and Fuji apples were harvested and exported. The Asian and Bosc pear harvest was almost complete and shipped out. Pomegranates and persimmons were progressing through the growing season and some were harvested. In Tulare, Fresno, and San Joaquin counties the almond harvest was in full swing. Walnut orchards were prepared for the coming harvest season. Current season pistachio harvest has started with good quality. Tomato harvest continued across the State. Treatment for powdery mildew and tomato fruit worm occurred. Onion harvest was reported in San Joaquin and Fresno counties. In carrots, the summer harvest was nearly complete. In Fresno County, the winter crops were starting to emerge. The winter carrots were irrigated and treated with pesticides and herbicides. In Tulare County, roadside stands were open for summer vegetables including green beans, squash, eggplant and sweet corn. Honeydew melon was harvested. In Monterey County, brassicas and greens were in production. Rangeland forage grasses and non-irrigated pasture continued to deteriorate at all elevations. Pasture and rangeland was 75 percent poor to very poor. Supplemental feeding of cattle on dry pasture continued as range quality declined. Fire danger remained high throughout the State. Bees continued to pollinate alfalfa, melon and squash.

COLORADO: Days suitable for field work 4.7. Topsoil moisture 9% very short, 31% short, 53% adequate, 7% surplus. Subsoil moisture 17% very short, 30% short, 52% adequate, 1% surplus. Spring barley harvested 70%, 64% 2013, 69% avg.; condition 2% very poor, 4% poor, 16% fair, 51% good, 27% excellent. Spring wheat coloring 99%, 100% 2013, 100% avg.; harvested 35%, 65% 2013, 47% avg.; condition 8% poor, 36% fair, 55% good, 1% excellent. Winter wheat planted 1%, 3% 2013, 1% avg. Dry beans cut 3%, 23% 2013, 16% avg.; condition 40% fair, 47% good, 13% excellent. Onions harvested 8%, 13% 2013, 25% avg.; condition 1% poor, 14% fair, 66% good, 19% excellent. Potatoes fall inside SLV harvested 5%, 8% 2013, 8% avg.; condition 6% very poor, 12% poor, 28% fair, 44% good, 10% excellent. Potatoes fall outside SLV harvested 30%, 33% 2013, 34% avg.; condition 1% poor, 17% fair, 73% good, 9% excellent. Sugarbeets condition 1% very poor, 3% poor, 17% fair, 55% good, 24% excellent. Sunflowers condition 3% very poor, 18% poor, 28% fair, 44% good, 7% excellent. Alfalfa 2nd cutting 97%, 100% 2013, 98% avg.; 3rd cutting 59%, 52% 2013, 50% avg.; 4th cutting 1%, none 2013, 2% avg.; condition 3% very poor, 10% poor, 24% fair, 46% good, 17% excellent. Livestock condition 1% poor, 19% fair, 66% good, 14% excellent. Last week, fieldwork was cut short as widespread precipitation continued in all districts outside the San Luis Valley. Consequently, little progress was noted concerning harvest activities, hay cuttings, and fall seedings. Recent precipitation has generally improved conditions of pastures, ranges and crops that are still developing. Some exceptions to this were noted as row crops in several localities that have experienced consistent dry conditions were too far along in development for rains to have a significant positive effect. Across the San Luis Valley, cool, fall-like conditions were becoming increasingly prevalent according to reporters. Some localities in the valley experienced isolated precipitation on Tuesday, delaying harvest and cutting activities in those areas.

DELAWARE: Days suitable for fieldwork, 7. Topsoil moisture; 15% very short, 64% short, 21% adequate and 0% surplus. Subsoil moisture; 6% very short, 46% short, 48% adequate and 0% surplus. Apples condition; 3% very poor, 5% poor, 23% fair, 63% good, 6% excellent. Corn condition; 3% very poor, 5% poor, 24% fair, 56% good, 12% excellent. Pasture and Range Condition; 3% very poor, 14% poor, 47% fair, 33% good, and 3% excellent. Soybean condition; 2% very poor, 11% poor, 25% fair, 48% good, 14% excellent. Apples harvested; 39% this year, 53% last year, 47% five year average. Alfalfa 2nd cutting; 79% this year, 100% last year, 100% five year average. Alfalfa 3rd cutting; 63% this year, 89% last year, 90% five year average. Alfalfa 4th cutting; 12% this year, 31% last year, 23% five year average. Corn Dough; 88% this year, 100% last year, 98% five year average. Corn Dented; 68% this year, 72% last year, 85% five year average. Corn Mature; 10% this year, 20% last year, 31% five year average. Cantaloupe Harvested; 89% this year, 88% last year, 89% five year average. Cucumbers Harvested; 84% this year, 85% last year, 87% five year average. Other hay 2nd cutting; 80% this year, 100% last year, 100% five year average. Other hay 3rd cutting; 43% this year, 57% last year, 64% five year average. Soybean blooming; 94% this year, 91% last year, 96% five year average. Soybeans setting pods;

87% this year, 78% last year, 81% five year average. Soybeans fully podded; 31% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 86% this year, 93% last year, 92% five year average. Tomatoes Harvested; 82% this year, 86% last year, 82% five year average. Watermelon Harvested; 89% this year, 94% last year, 92% five year average. Peaches harvested; 72% this year, 91% last year, 93% five year average. Hay and Roughage Supplies; 0% very short, 6% short, 77% adequate and 17% surplus. Potatoes harvested; 59% this year, 96% last year, 93% five year average. Snap Beans harvested; 82% this year, 91% last year, 87% five year average. Green Peas harvested; 76% this year, N/A last year, N/A five year average. Lima Beans harvested 30% this year, 58% last year, 66% five year average. Field activities for the week include cutting hay, and harvesting corn for silage and vegetables.

FLORIDA: Days suitable for field work; 6.6. Topsoil moisture, 2% very short, 14% short, 68% adequate, 16% surplus. Subsoil moisture 1% very short, 13% short, 70% adequate, 16% surplus. Hay, corn, soybeans, peanuts harvested in Panhandle, north, central Florida. Drought placing stress on corn, soybeans, peanuts. Army worms still a problem in Panhandle. Peanut condition; 1% very poor, 5% poor, 31% fair, 56% good, 7% excellent. Palm Beach County preparing for sugarcane planting. Vegetable farmers in southwest Florida continued planting melons, tomatoes, peppers, squash. Vegetable crops being planted in Miami-Dade County; okra, boniato, malanga; harvested – okra, boniato, avocado, longan. Pasture condition; 3% poor, 31% fair, 57% good, 9% excellent. Cattle condition; 1% poor, 16% fair, 74% good, 9% excellent. Cattle, pasture conditions generally good. Cattle stressed from high temperatures. Rainfall in citrus producing area widespread, generally heavy. All but one station received some precipitation, Pierson (Volusia County) received the most at 4.11 inches. Daytime highs mid to upper 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 6.7. Topsoil moisture 15% very short, 50% short, 31% adequate, 4% surplus. Subsoil moisture 15% very short, 44% short, 40% adequate, 1% surplus. Range and pasture condition 3% very poor, 18% poor, 42% fair, 34% good, 3% excellent. Corn harvested 74%, 50% 2013. Hay 3rd Cutting 47%, 0% 2013. Sorghum condition 1% very poor, 5% poor, 43% fair, 47% good, 4% excellent. Sorghum harvested 11%, 18% 2013. Soybean condition 2% very poor, 8% poor, 29% fair, 57% good, 4% excellent. Tobacco harvested 69%, 86% 2013. Precipitation estimates for the state ranged from 0.1 inches of rain up to 3.4 inches. Average high temperatures ranged from the mid 80s to the mid 90s. Average low temperatures ranged from the mid 60s to the low 70s.

HAWAII: DATA NOT AVAILABLE

IDAHO: Days suitable for field work 5.9 days. Topsoil moisture 32% short, 65% adequate, 3% surplus. Subsoil moisture 5% very short, 34% short, 59% adequate, 2% surplus. Winter wheat harvested 88%, 97% 2013, 90% avg. Barley harvested 61%, 87% 2013, 65% avg. Barley condition 12% very poor, 25% poor, 32% fair, 28% good, 3% excellent. Corn for silage harvested 24%, 1% 2013, 3% avg. Corn condition 2% poor, 39% fair, 58% good, 1% excellent. Dry beans harvested 22%, 11% 2013, 17% avg. Dry beans condition 3% poor, 53% fair, 43% good, 1% excellent. Dry peas harvested 94%, 84% 2013, 61% avg. Hay alfalfa second cutting 93%, 95% 2013, 96% avg. Hay alfalfa third cutting 56%, 56% 2013, 48% avg. Oats harvested 78%, 76% 2013, 69% avg. Potatoes harvested 4%, 3% 2013, 3% avg. Potatoes condition 1% very poor, 6% poor, 18% fair, 60% good, 15% excellent. Spring wheat harvested 57%, 86% 2013, 63% avg. Spring wheat condition 5% very poor, 17% poor, 48% fair, 27% good, 3% excellent. Irrigation water supply conditions 5% very poor, 6% poor, 22% fair, 57% good, 10% excellent. Pasture and range conditions 1% very poor, 6% poor, 34% fair, 46% good, 13% excellent. There were reports of precipitation but weather conditions were dryer than previous weeks. Major agricultural activities for the week included caring for livestock, cutting alfalfa, harvesting small grains and legumes. Dry conditions had farmers in the field again with row crop progress moving ahead of historic averages. Rain and hail were reported in Gooding as a result reports of damage to fruit, vegetable, and field crops were reported in the County. Sunny days throughout the week allowed for harvesting of small grains to resume. Barley and spring wheat conditions have been negatively affected because of excessive rain conditions.

ILLINOIS: Days suitable for fieldwork 4.0. Topsoil moisture 1% very short, 8% short, 82% adequate, 9% surplus. Subsoil moisture 1% very short, 16% short, 78% adequate, 5% surplus. Statewide precipitation averaged 1.08 inches. Statewide temperature averaged 77.6 degrees, 4.2 degrees above average. Oats harvested 97%, 100% 2013, 100% avg.

INDIANA: Days suitable for fieldwork, 4.0. Topsoil moisture 1% very short, 11% short, 67% adequate, 21% surplus. Subsoil moisture 1% very short, 13% short, 72% adequate, 14% surplus. Alfalfa hay third cutting 77%, 2013 90%, 5ya

84%. Alfalfa hay fourth cutting 13%. Other hay third cutting 69%. Tobacco cut 13%. By region, corn denting was 57% in South, 53% in Central, and 45% in North. By region, corn mature was 9% in South, 11% in Central, and 5% in North. By region, soybeans dropping leaves was 7% in South, 11% in Central, and 10% in North. Average temperatures for the week ending August 31 ranged from 71 to 82 degrees, and from 4 degrees to 11 degrees above normal. The lowest recorded temperature for the week was 55 degrees; the highest, 96 degrees. The statewide average temperature for the week was 76.7 degrees, 4.4 degrees above normal. Recorded precipitation ranged from 0.00 to 3.69 inches, with a statewide average of 1.29 inches. Continued scattered rainfall this week prevented some farmers from working in the fields as fall harvest approaches. Flooding and crop damage remains for some regions of the State, but overall the added moisture is helping to finish out crops. The precipitation and humidity, however, raised concerns over disease. Corn silage and seed corn harvest have begun. Processing tomato harvest continued. The rainy weather has slowed hay cutting, as fields remain damp. Farmers continue to mow roadsides, haul grain, and prepare harvest equipment for the coming months.

IOWA: Days suitable for fieldwork 2.3. Topsoil moisture 1% very short, 9% short, 75% adequate, and 15% surplus. Subsoil moisture 2% very short, 15% short, 76% adequate, and 7% surplus. Soybean leaves turning color 8%, 3% 2013, 18% average. Alfalfa 3rd cutting 53%, 75% 2013, 76% average. All hay condition 0% very poor, 7% poor, 27% fair, 49% good, 17% excellent. Frequent precipitation hindered fieldwork across Iowa during the week. Above average temperatures aided crop development, and farmers are hopeful these temperatures will continue. Wet conditions have slowed hay harvest. Diseases in both corn and soybeans were reported across the State. High humidity caused stress for some livestock. There were a few reports of calves being weaned.

KANSAS: Days suitable for fieldwork 5.3. Topsoil moisture supplies rated 14% very short, 32% short, 52% adequate, and 2% surplus. Subsoil moisture supplies rated 21% very short, 35% short, 43% adequate, and 1% surplus. Sunflowers blooming 86%, 92% 2013, 90% avg; ray flowers dried 19%, 36% 2013, 37% avg; turning yellow 1%, 8% 2013, 13 avg; conditions 3% very poor, 7% poor, 32% fair, 51% good 7% excellent. Alfalfa third cutting 89%, 93% 2013, 93% avg; fourth cutting 27%, 14% 2013, 25% avg; conditions 5% very poor, 12% poor, 39% fair, 37% good, 7% excellent; Hay Stock water supplies were rated 8% very short, 18% short, 73% adequate, and 1% surplus. Average temperatures were six to eight degrees warmer than normal across eastern Kansas. North central and central counties received the most rain last week with totals up to four inches, while the rest of the state received less precipitation. Row crops and pastures that have been missed by the recent rains were stressed. Many farmers kept busy preparing for fall seeding and putting up feed.

KENTUCKY: Days suitable fieldwork 5.5. Topsoil 7% very short, 22% short, 62% adequate, 9% surplus. Subsoil moisture 6% very short, 28% short, 61% adequate, 5% surplus. Precipitation averaged 1.25 inches, 0.50 inches above normal. Temperatures averaged 78 degrees, 4 degrees above normal. Corn milk 95%, 95% 2013, 97% average. Soybeans blooming 90%, 92% 2013, 98% average; turning color 20%. Tobacco blooming 96%, 91% 2013, 98% average; topped 83%, 80% 2013, 86% average; cut 37%, 39% 2013, 39% average. Tobacco set condition 1% very poor, 6% poor, 21% fair, 53% good, 19% excellent. Primary activities this week included harvesting and baling hay and topping and cutting tobacco. Continued high temperatures and humidity created heat stress conditions for livestock.

LOUISIANA: Days suitable for fieldwork, 5.0. Topsoil moisture 2% very short, 15% short, 57% adequate, 26% surplus. Subsoil moisture 3% very short, 12% short, 63% adequate, 22% surplus. Corn mature 99% this week, 94% last week, 100% last year, 100% average. Corn harvested 67% this week, 38% last week, 85% last year, 89% average. Corn condition 0% very poor, 0% poor, 11% fair, 71% good, 18% excellent. Sweet Potatoes harvested 15% this week, 11% last week, 9% last year, 7% average. Hay second cutting 95% this week, 93% last week, 97% last year, 93% average. Sugarcane planted 42% this week, 26% last week, 48% last year, 50% average. Sugarcane condition 2% very poor, 10% poor, 35% fair, 39% good, 14% excellent. Vegetables condition 2% very poor, 18% poor, 41% fair, 37% good, 2% excellent. Pasture condition 0% very poor, 7% poor, 26% fair, 56% good, 11% excellent. Livestock condition 0% very poor, 6% poor, 28% fair, 56% good, 10% excellent.

MARYLAND: Days suitable for fieldwork, 6.5. Topsoil moisture; 1% very short, 15% short, 79% adequate and 5% surplus. Subsoil moisture; 1% very short, 14% short, 82% adequate and 3% surplus. Apples condition; 0% very poor, 1% poor, 3% fair, 92% good, 4% excellent. Corn condition; 1% very poor, 3% poor, 9% fair, 56% good, 31% excellent. Pasture and Range Condition; 1% very poor, 8% poor, 18% fair, 50% good, and 23% excellent. Soybean condition; 0% very poor, 2% poor, 16% fair, 52% good, 30% excellent. Alfalfa 2nd cutting; 96% this year, 100% last year, 100% five year average. Alfalfa 3rd cutting; 94% this year, 87% last year, 90% five year average. Alfalfa 4th cutting; 61% this year, 26% last year, 31% five year average. Apples Harvested; 31% this year, 39% last year, 37% five year average. Corn Milk;

96% this year, 100% last year, 100% five year average. Corn Dough; 85% this year, 99% last year, 97% five year average. Corn dented; 42% this year, 65% last year, 73% five year average. Cantaloupe Harvested; 84% this year, 84% last year, 82% five year average. Cucumbers Harvested; 87% this year, 80% last year, 84% five year average. Lima Beans harvested; 38% this year, 69% last year, 63% five year average. Other hay 2nd cutting; 79% this year, 100% last year, 99% five year average. Other hay 3rd cutting; 34% this year, 51% last year, 45% five year average. Peaches Harvested; 76% this year, 91% last year, 92% five year average. Potatoes Harvested; 62% this year, 97% last year, 99% five year average. Snap Beans Harvested; 73% this year, 89% last year, 89% five year average. Soybean setting pods; 92% this year, 84% last year, 86% five year average. Soybean fully podded; 43% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 90% this year, 86% last year, 85% five year average. Tomatoes Harvested; 81% this year, 72% last year, 77% five year average. Watermelon Harvested; 84% this year, 76% last year, 76% five year average. Hay and Roughage Supplies; 0% very short, 17% short, 78% adequate and 5% surplus. Field activities for the week include cutting hay, harvesting vegetable and corn for silage.

MICHIGAN: Days suitable for fieldwork 5.2. Topsoil moisture 10% very short, 14% short, 66% adequate, 10% surplus. Subsoil moisture 9% very short, 16% short, 66% adequate, 9% surplus. Dry edible beans setting pods 97%, 99% last year, 98% 5-year average. Dry edible beans condition 2% very poor, 4% poor, 21% fair, 55% good, 18% excellent. Oats harvested 79%. Barley harvested 78%. Corn for silage harvested 1%. Alfalfa hay third cutting 48%. Other hay second cutting 87%, other hay third cutting 35%. Precipitation for the week ending August 31 ranged between 0.75 inch and 1.36 inches in the Upper Peninsula and between 0.12 inch and 3.34 inches in the Lower Peninsula. Temperatures ranged from 34 degrees to 92 degrees, with a state average of 66.9 degrees Fahrenheit, 0.3 degree above normal. Warmer temperatures and showers provided favorable conditions for crop progress. Increase in Growing Degree Days and much needed moisture are expected to aid in the maturity progress of corn, soybeans, and dry beans. Wet and humid conditions created challenges for both small grains harvest and cutting hay. Sugarbeet harvest began at the end of the week. Pastures and livestock were doing well. Some activities for the week included spreading manure, baling straw, scouting for disease, spraying, and getting equipment ready for harvest. Corn condition was 72% good to excellent compared to 65% last year. Soybeans condition was 64% good to excellent compared to 60% last year. Harvest of early fall apple varieties continued. Bartlett pear harvest continued. Tart cherry harvest ended. Glowinestar, PF23, Loring, Coralstar, and PF24C were among peach varieties harvested. Fortune, NY9, and Stanley plum varieties were picked. Concord grape veraison was well underway, indicating the beginning of the final stage of fruit growth and ripening. Fall raspberry harvest continued. The harvest of Elliott and other late season blueberries continued as the harvest of Jersey was winding down. Cabbage, pepper, and pumpkin harvest continued in the southeast region, while pickle harvest was nearing completion. Downy Mildew has been found in west central cucurbits and is now present in ten counties to date. Disease pressure remains high in vegetable crops across most of the State.

MINNESOTA: Days suitable for fieldwork 4.0. Topsoil moisture rated 1% very short, 9% short, 82% adequate, and 8% surplus. Subsoil moisture rated 1% very short, 12% short, 82% adequate, and 5% surplus. Spotty rain and soggy conditions kept small grain harvest behind the five year average. Adequate moisture has helped pasture and row crop conditions continued to improve, however scattered reports suggest this has hurt the quality of hay and wheat in some counties. Several reporters are hoping for a late killing frost to give row crops a chance to mature.

MISSISSIPPI: Days suitable for field work 5.9. Topsoil moisture 9% very short, 32% short, 54% adequate, 5% surplus. Subsoil moisture 5% very short, 31% short, 58% adequate, 6% surplus. Corn 100% dough this week, 99% last week, 100% 2013, 100% Avg. Corn 98% dented this week, 95% last week, 100% 2013, 100% Avg. Corn 85% mature this week, 72% last week, 89% 2013, 96% Avg. Corn 42% harvested this week, 20% last week, 31% 2013, 61% Avg. Corn condition was 0% very poor, 6% poor, 19% fair, 44% good, 31% excellent. Hay, second cutting, 89% cut this week, 86% last week, 88% 2013, 86% Avg. Hay condition was 1% very poor, 5% poor, 32% fair, 52% good, 10% excellent. Peanuts 100% pegging this week, 98% last week, 100% 2013, 100% Avg. Peanuts 6% dug this week, 4% last week, 5% 2013, 3% Avg. Peanuts 3% harvested this week, 1% last week, 4% 2013, 2% Avg. Peanuts condition was 0% very poor, 5% poor, 27% fair, 53% good, 15% excellent. Sorghum 79% coloring this week, 66% last week, 86% 2013, 95% Avg. Sorghum 45% mature this week, 30% last week, 20% 2013, 71% Avg. Sorghum 7% harvested for grain or seed this week, 1% last week, 0% 2013, 20% Avg. Sorghum condition was 0% very poor, 11% poor, 26% fair, 45% good, 18% excellent. Sweet Potatoes 5% harvested this week, 1% last week, 4% 2013, 5% Avg. Sweet potatoes condition was 0% very poor, 0% poor, 30% fair, 45% good, 25% excellent. Watermelon 98% harvested this week, 96% last week, 100% 2013, 100% Avg. Livestock condition was 0% very poor, 3% poor, 23% fair, 58% good, 16% excellent. Pasture and range condition was

1% very poor, 8% poor, 28% fair, 51% good, 12% excellent. Blueberries condition was 0% very poor, 1% poor, 30% fair, 64% good, 5% excellent. Rain was widespread throughout the state, with the upper delta region receiving an average of 1.82 inches.

MISSOURI: Days suitable for fieldwork 5.0. Topsoil moisture 5% very short, 24% short, 59% adequate, 12% surplus. Subsoil moisture 7% very short, 30% short, 59% adequate, 4% surplus. Hay and roughage supplies 6% short, 85% adequate, 9% surplus. Stock water supplies 2% very short 13% short, 79% adequate, 6% surplus. Temperatures averaged 80.0 degrees statewide, 4.4 degrees above normal. Rain averaged 0.66 inches statewide.

MONTANA: Days suitable for field work 3.6, 6.5 last year. Topsoil moisture 4% very short, 11% last year; 10% short, 40% last year; 60% adequate, 46% last year; 26% surplus, 3% last year. Subsoil moisture 3% very short, 13% last year; 13% short, 30% last year; 71% adequate, 53% last year; 13% surplus, 4% last year. Canola 96% turning, 100% last year. Canola 56% harvested, 73% last year. Corn for silage 5% harvested, 5% last year. Corn condition 0% very poor, 3% last year; 3% poor, 2% last year; 30% fair, 42% last year; 52% good, 34% last year; 15% excellent, 19% last year. Dry beans 39% harvested, 50% last year. Dry peas 82% harvested, 83% last year. Flaxseed 89% turning, 100% last year. Flaxseed 7% harvested, 42% last year. Alfalfa hay – 2nd cutting 78% harvested, 79% last year. Other hay – 2nd cutting 59% harvested, 63% last year. Lentils 76% harvested, 69% last year. Oats 64% harvested, 72% last year. Potatoes condition 0% very poor, 13% last year; 0% poor, 12% last year; 5% fair, 19% last year; 73% good, 30% last year; 22% excellent, 26% last year. Sugar beets condition 1% very poor, 0% last year; 1% poor, 4% last year; 12% fair, 33% last year; 46% good, 46% last year; 40% excellent, 17% last year. Durum wheat 91% turning, 100% last year. Durum wheat 17% harvested, 28% last year. Durum wheat condition 5% very poor, 6% last year; 11% poor, 8% last year; 39% fair, 31% last year; 44% good, 38% last year; 1% excellent, 17% last year. Livestock moved from summer ranges – cattle and calves 2% moved, 8% last year. Livestock moved from summer ranges – sheep and lambs 7% moved, 10% last year. The week ending August 31 had warm days and cool, fall-like nights with a few storms across much of the state of Montana. Many stations received precipitation from the storms and Saco received the highest amount of precipitation at 3.26 inches of moisture. The high temperatures for Montana ranged from the lower 80s to lower 90s. Low temperatures ranged from the upper 20s to mid 40s.

NEBRASKA: Days suitable for fieldwork 3.4. Topsoil moisture 4% very short, 23% short, 67% adequate, and 6% surplus. Subsoil moisture 9% very short, 27% short, 62% adequate, and 2% surplus. Hay alfalfa condition rated 2% very poor, 6% poor, 30% fair, 51% good and 11% excellent. Hay alfalfa 3rd cutting 90%, 84% 2013, 86% avg. Hay alfalfa 4th cutting 19%, 5% 2013, 17% average. Dry bean conditions 3% very poor, 1% poor, 15% fair, 60% good, 21% excellent. Setting pods 92%, 96% 2013, 98% avg. Dropping leaves 39%, 32% 2013, 17% avg. Proso millet harvested 1%, 12% 2013, 6% avg. Stock water supplies 1% very short, 6% short, 92% adequate, and 1% surplus. Most of the State received some rain with the heaviest amounts in the east central areas. Much of the State saw below normal temperatures with only the southeast corner being above normal. Crops and pastures benefited from the rains with only hay harvest being hindered. Also, there were a few reports of winter wheat being seeded.

NEVADA: Days suitable for fieldwork, 6.8. 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 106 degrees and Winnemucca experienced a low of 42 degrees. Las Vegas was the only station that reached the 100 degree mark during the week. Elko received 0.11 inches of precipitation. The remaining stations only received trace amounts of rainfall during this time. The central portion of the State experienced high scattered clouds during the middle and latter days of the week.

NEW ENGLAND: Days suitable for fieldwork, 6.0. Topsoil moisture; 1% very short, 11% short, 70% adequate and 18% surplus. Subsoil moisture; 1% very short, 8% short, 72% adequate, 19% surplus. Blueberries, wild condition (ME); 0% very poor, 10% poor, 0% fair, 75% good, 15% excellent. Blueberries, wild progress (ME); 88% harvested. Blueberries, tame condition; 0% very poor, 1% poor, 14% fair, 71% good, 14% excellent. Blueberries, tame progress; 89% harvested. Cranberries condition (MA); 0% very poor, 10% poor, 35% fair, 45% good, 10% excellent. Barley all condition (ME); 0% very poor, 0% poor, 0% fair, 35% good, 65% excellent. Barley all progress (ME); 65% harvested. Corn all condition; 0% very poor, 0% poor, 7% fair, 67% good, 26% excellent. Oats all condition (ME); 0% very poor, 0% poor, 0% fair, 20% good, 80% excellent. Oats all progress (ME); 50% harvested. Hay all condition; 0% very poor, 0% poor, 11% fair, 60%

good, 29% excellent. Hay all progress; 94% second cutting, 54% third cutting. Potatoes all condition; 0% very poor, 0% poor, 0% fair, 60% good, 40% excellent. Potatoes all progress; 30% harvested. Apples all condition; 1% very poor, 2% poor, 10% fair, 76% good, 11% excellent. Apples all progress; 12% harvested. Peaches all condition; 0% very poor, 3% poor, 27% fair, 68% good, 2% excellent. Peaches all progress; 68% harvested. Pears all condition; 4% very poor, 1% poor, 21% fair, 69% good, 5% excellent. Pears all progress; 16% harvested. Pasture and range; 0% very poor, 9% poor, 27% fair, 47% good, 17% excellent. Sweet corn all progress; 77% harvested. Sweet corn all condition; 0% very poor, 0% poor, 23% fair, 69% good, 8% excellent. CT Valley binder tobacco all condition; 11% very poor, 0% poor, 11% fair, 70% good, 8% excellent. CT Valley binder tobacco progress; 80% harvested. CT Valley shade tobacco all condition; 0% very poor, 0% poor, 2% fair, 98% good, 0% excellent. CT Valley shade tobacco progress; 92% harvested.

NEW JERSEY: Days suitable for fieldwork, 7.0. Topsoil moisture; 8% very short, 19% short, 65% adequate and 8% surplus. Subsoil moisture; 6% very short, 19% short, 62% adequate and 13% surplus. Bell Peppers all progress; 70% harvested. Corn all progress; 52% milk, 21% dough. Hay Alfalfa all progress; 95% second cutting, 27% third cutting. Other Hay all progress; 89% second cutting. Sweet Corn all progress; 74% harvested. Apples all condition; 0% very poor, 4% poor, 45% fair, 48% good, 3% excellent. Corn all conditions; 1% very poor, 6% poor, 35% fair, 55% good, 3% excellent. Hay Alfalfa conditions; 2% very poor, 11% poor, 40% fair, 43% good, 4% excellent. Other Hay conditions; 1% very poor, 5% poor, 38% fair, 46% good, 10% excellent. Pasture and range conditions are; 5% very poor, 10% poor, 57% fair, 26% good, and 2% excellent. Soybeans all conditions; 1% very poor, 3% poor, 28% fair, 61% good, 7% excellent. The following crops are being planted: cilantro, kale, leeks, parsley, radishes, spinach and strawberries. Harvesting continues with the following crops: arugula, baby arugula basil beets, cabbage, carrots, cilantro, collards, cucumbers, dill, eggplant, green onions kale, leeks, mint, nectarines, okra, parsley, peaches peppers, radishes, snap beans, spinach, summer squash, summer dandelion, sweet corn, Swiss chard, tomatoes, turnips and white potatoes.

NEW MEXICO: Days suitable for fieldwork 6.5. Topsoil moisture 30% very short, 30% short, 38% adequate and 2% surplus. Subsoil moisture 35% very short, 27% short, 37% adequate and 1% surplus. Alfalfa fourth cutting 85% complete, 83% 2013, 88% avg; fifth cutting 35% complete, 32% 2013, 38% avg; 4% very poor, 7% poor, 33% fair, 45% good and 11% excellent. Corn silking 97%, 97% 2013, 99% avg; dough 60%, 62% 2013, 67% avg; dented 32%, 33% 2013, 34% avg; harvested silage 27%, 31% 2013, 21% avg; 3% very poor, 4% poor, 26% fair, 34% good and 33% excellent. Cotton setting bolls 81%, 87% 2013, 80% avg; bolls opening 10%, 15% 2013, 15% avg; 6% poor, 49% fair, 27% good and 18% excellent. Peanuts pegging 85%, 93% 2013, 88% avg; 3% very poor, 21% poor, 68% fair and 8% good. Pecans 24% fair, 60% good and 16% excellent. Green chile harvested 50%, 47% 2013, 54% avg; 5% poor, 46% fair, 44% good and 5% excellent. Lettuce planted 70%, 66% 2013, 53% avg. Cattle 1% very poor, 5% poor, 50% fair, 39% good and 5% excellent. Sheep 19% very poor, 24% poor, 33% fair and 24% good. An upper level disturbance brought showers and thunderstorms early in the week across New Mexico, with the heaviest rains falling across central and eastern portions of the state. The highest weekly rainfall totals include 1.93 inches Santa Fe, 1.41 inches in Clayton and 1.07 inches in Tatum. Early week cloud cover led to cooler than normal temperatures for much of the state, despite the warming seen through the weekend. The greatest departures below normal for the week include 7 degrees at Roy, 6 degrees in Farmington and 6 degrees in Chama.

NEW YORK: Days suitable for fieldwork, 5.5. Topsoil moisture, 2% very short, 5% short, 61% adequate, 32% surplus. Subsoil moisture, 1% very short, 3% short, 63% adequate, 33% surplus. Fall Tillage, 12% this week. Barley Mature, 86% this week, 84% last week. Barley Harvested, 67% this week, 55% last week. Cabbage Harvested, 60% this week, 46% last week. Corn Silking, 93% this week, 87% last week. Corn Dough, 45% this week, 39% last week. Corn Dented, 13% this week, 9% last week. Hay Alfalfa Second Cutting, 94% this week, 92% last week, 99% previous year, 98% average. Hay Alfalfa Third Cutting, 65% this week, 53% last week, 64% previous year. Hay Other Second Cutting, 92% this week, 88% last week. Hay Other Third Cutting, 56% this week, 42% last week. Oats Harvested, 81% this week, 57% last week, 93% previous year, 88% average. Onions Harvested, 32% this week, 25% last week, 30% previous year, 48% average. Potatoes Harvested, 30% this week, 23% last week, 32% previous year, 40% average. Snap Beans Harvested, 69% this week, 54% last week, 59% previous year, 60% average. Soybeans Blooming, 95% this week, 92% last week. Soybeans Setting Pods, 76% this week, 59% last week. Sweet Corn Harvested, 66% this week, 59% last week, 69% previous year, 65% average. Apples Harvested, 27% this week, 22% last week, 24% previous year, 22% average. Peaches Harvested, 42% this week, 33% last week, 79% previous year, 84% average. Pears Harvested, 42% this week, 33% last week, 55% previous year, 60% average. Barley condition, 0% very poor, 3% poor, 20% fair, 60% good, 17% excellent. Corn condition, 1% very poor, 3% poor, 19% fair, 49% good, 28% excellent. Hay Alfalfa condition, 2% very poor, 4% poor,

18% fair, 56% good, 20% excellent. Hay Other Than Alfalfa condition, 2% very poor, 6% poor, 23% fair, 50% good, 19% excellent. Oats condition, 0% very poor, 2% poor, 19% fair, 63% good, 16% excellent. Pasture and Range condition, 9% very poor, 8% poor, 22% fair, 48% good, 13% excellent. Snap Beans condition, 7% very poor, 7% poor, 21% fair, 49% good, 16% excellent. Soybeans condition, 0% very poor, 4% poor, 16% fair, 54% good, 26% excellent. Apples condition, 3% very poor, 10% poor, 41% fair, 40% good, 6% excellent. Grapes condition, 3% very poor, 3% poor, 14% fair, 63% good, 17% excellent. Peaches condition, 6% very poor, 12% poor, 42% fair, 34% good, 6% excellent. Pears condition, 4% very poor, 7% poor, 12% fair, 63% good, 14% excellent. Field activities for the week include hauling and spreading manure, plowing of fields, mowing and bailing hay, mowing pastures, spraying of trees, and fixing machinery.

NORTH CAROLINA: Days suitable for field work 6.4. Topsoil moisture 4% very short, 28% short, 62% adequate and 6% surplus. Subsoil moisture 2% very short, 19% short, 74% adequate and 5% surplus. The state received very little precipitation for the week and average temperatures once again dropped below normal. Reported data for the week shows soybeans blooming at 89%, setting pods at 80%, both in line with 5 year average. Cotton bolls opening recorded at 18%. Reports for corn showed dough reported at 98%, dented at 91%, mature at 78%, harvested for grain at 22% and harvested for silage at 50%. Flue-cured tobacco harvest set at 48% while Burley is set at 30% harvested. Sweet potato harvest is now underway at 13%. The second cutting of hay showed 90% with 3rd cutting reported at 54%, peaches harvested at 85% and apple harvest at 47%.

NORTH DAKOTA: Days suitable for fieldwork 3.5. Topsoil moisture 0% very short, 4% short, 76% adequate, 20% surplus. Subsoil moisture 0% very short, 4% short, 82% adequate, 14% surplus. Winter wheat harvested 59%. Durum wheat turning color 90%, 94% 2013, 93% avg.; mature 59%; harvested 14%, 17% 2013, 37% avg.; condition 0% very poor, 2% poor, 19% fair, 72% good, 7% excellent. Spring wheat turning color 98%, 99% 2013, 98% avg.; mature 79%. Barley mature 96%. Oats turning color 97%, 100% 2013, 99% avg.; mature 86%; condition 2% very poor, 2% poor, 15% fair, 69% good, 12% excellent. Canola turning color 96%, 92% 2013, 96% avg.; harvested 18%, 35% 2013, 44% avg.; condition 0% very poor, 1% poor, 11% fair, 67% good, 21% excellent. Flaxseed turning color 90%, 86% 2013, 90% avg.; harvested 3%, 11% 2013, 21% avg.; condition 0% very poor, 2% poor, 18% fair, 71% good, 9% excellent. Dry edible peas dropping leaves 95%; harvested 66%, 83% 2013, 84% avg.; condition 0% very poor, 4% poor, 20% fair, 65% good, 11% excellent. Dry beans setting pods 98%, 97% 2013, 99% avg.; dropping leaves 50%, 27% 2013, 37% avg.; harvested 2%, 0% 2013, 6% avg.; condition 2% very poor, 7% poor, 25% fair, 56% good, 10% excellent. Potatoes rows filled 98%, 95% 2013, 99% avg.; vines dry 7%, 3% 2013, 24% avg.; condition 2% very poor, 6% poor, 27% fair, 54% good, 11% excellent. Sugarbeet condition 1% very poor, 7% poor, 28% fair, 50% good, 14% excellent. Sunflowers blooming 97%, 97% 2013, 98% avg.; ray flowers dried 34%, 25% 2013, 42% avg.; condition 0% very poor, 1% poor, 16% fair, 70% good, 13% excellent. Alfalfa 2nd cutting 74%, 96% 2013, 91% avg.; condition 1% very poor, 3% poor, 13% fair, 62% good, 21% excellent. Stock water supplies 0% very short, 2% short, 84% adequate, and 14% surplus. Rain and below normal temperatures continued to slow small grain harvest. The moisture was needed for row crop development; however, it was beginning to have a negative impact on unharvested small grain crops.

OHIO: Days suitable for fieldwork 6.0. Topsoil moisture 2% very short 25% short, 64% adequate, 9% surplus. Subsoil moisture 2% very short 21% short, 68% adequate, 9% surplus. Alfalfa hay third cutting 76%, NA 2013, NA 5YA. Other hay second cutting 100%, NA 2013, NA 5YA. Other hay third cutting 63%, NA 2013, NA 5YA. Average temperatures recorded around the State ranged from 68 to 79 degrees or two degrees below to nine degrees above normal. The lowest recorded temperature was 46 degrees and the highest was 94 degrees. The statewide average temperature for the week was 73.6 degrees, 2.6 degrees warmer than normal. Recorded precipitation ranged from 0.00 to 1.19 inches, with a statewide average of 0.49 inches. The warmer than normal temperatures along with mostly clear skies allowed plenty of time for fieldwork this week. Corn condition was 75% good to excellent compared to 78% at this time last year. Soybeans and corn are progressing nicely, with soybeans setting pods and corn doughing at or near the five year average. Soybean condition was 72% good to excellent, the same as this time last year. The favorable weather allowed oat harvesting to wrap up this week as well.

OKLAHOMA: Days suitable for fieldwork 5.9. Topsoil moisture 17% very short, 39% short, 42% adequate, 2% surplus. Subsoil moisture 28% very short, 41% short, 31% adequate, 0% surplus. Wheat seedbed prepared 40% this week, 27% last week, N/A% last year, N/A% average. Oats seedbed preparation 27% this week, N/A% last week, N/A% last year, N/A% average. Rye seedbed preparation 41% this week, N/A% last week, N/A% last year, N/A% average. Canola seedbed preparation 40% this week, 8% last week, N/A% last year, N/A% average. Soybeans blooming 95% this week, 90% last week, 86% last year, 91% average. Peanuts mature 18% this week, 11% last week, 20% last year, 10% average.

Alfalfa condition 8% very poor, 15% poor, 36% fair, 36% good, 5% excellent; third cutting 91% this week, 88% last week, 95% last year, 84% average; fourth cutting 40% this week, 28% last week, 38% last year, 44% average. Other Hay condition 8% very poor, 15% poor, 40% fair, 33% good, 4% excellent; second cutting 58% this week, 52% last week, 65% last year, 50% average. Watermelons harvested 90% this week, 80% last week, 87% last year, 91% average. Livestock condition 1% very poor, 3% poor, 27% fair, 60% good, 9% excellent. Pasture and range condition 6% very poor, 14% poor, 36% fair, 38% good, 6% excellent. Spotty rains were received last week. Areas of the Panhandle received on average 1.13 inches of rain. However, some areas of the Panhandle received over an inch of precipitation, while others received no rain at all. Soybeans were blooming in the Southwest District while soybeans in the Northeast District were starting to wilt from the lack of moisture. A storm moved south through the state late Monday night into early Tuesday morning bringing high winds, large hail, flooding rains and tornado warnings to parts of Northeastern Oklahoma. Rain totals were nice but the effects of the storm have yet to be determined. Temperatures for the week ranged from 53 degrees at Boise City on Friday, August 29th to 105 degrees at Hooker on Sunday, August 31st. Precipitation ranged 0.18 of an inch in the Southeast District to 1.13 inches in the Panhandle District. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 5.9 days suitable for field work.

OREGON: Days suitable for field work 6.6 days. Topsoil Moisture 21% Very Short, 42% Short, 34% Adequate, 3% Surplus. Subsoil Moisture 20% Very Short, 43% Short, 36% Adequate, 1% Surplus. Range and Pasture 17% Very Poor, 29% Poor, 32% Fair, 21% Good, 1% Excellent. Spring Wheat Harvested 90%, 95% 2013, 90% avg. Hay 3rd cutting 72%, 37% 2013, 55% avg. Barley Harvested 92%, 89% 2013, 92% avg. Above Average Temperatures in Oregon. Days suitable for fieldwork were 6.6. Pasture and range conditions were reported to be 17% very poor, 29% poor, 32% fair, 21% good, and 1% excellent. In western Oregon red clover harvest for seed was winding down. Field corn was setting ears. The fourth cutting of alfalfa was nearing maturity. Apples and Bartlett pears were being picked. Pears were turning yellow but the insides were still not ripe. The current crop of blackberries had small berries due to the hot weather. Filberts and walnuts were looking good, but some blight was showing. Hazelnut producers were cleaning up the orchard floor and nuts were beginning to drop. Tomatoes were growing very well. Many varieties of vegetables were at farmer's markets. Nursery roads were being improved. Greenhouses and nurseries were also irrigating new shrubs. Cow stress was improving with cooler weather; overall, cattle were doing well. In eastern Oregon most of the third cutting of hay was complete. A few acres of early variety potatoes were being harvested. Livestock producers were starting to move cattle from summer pastures.

PENNSYLVANIA: Days suitable for fieldwork, 5.5. Topsoil moisture, 1% very short, 18% short, 71% adequate, and 10% surplus. Subsoil moisture, 1% very short, 16% short, 74% adequate, 9% surplus. Hay alfalfa second cutting, 93% this week, 100% last year, 100% average. Hay alfalfa third cutting, 70% this week, 88% last year, 92% average. Hay alfalfa fourth cutting, 40% this week, 33% last year, 34% average. Apples Harvested, 24% this week, 39% last year, 40% average. Corn milk, 84% this week, 100% last year, 100% average. Corn Dough, 57% this week, 87% last year, 80% average. Corn Dent, 32% this week, 49% last year, 45% average. Corn Harvested for Silage, 15% this week, 12% last year, 20% average. Fall Tillage, 5% this year, n/a last year, n/a average. Oats mature, 93% this week, 100% last year, 100% average. Oats harvested, 84% this week, 98% last year, 97% average. Hay other than alfalfa second cutting, 86% this week, 94% last year, 92% average. Hay other than alfalfa third cutting, 51% this week, n/a last year, n/a average. Peaches Harvested, 63% this week, 91% last year, 90% average. Potatoes harvested, 25% this week, 32% last year, 29% average. Soybeans setting pods, 92% this week, 100% last year, 100% average. Tobacco cut, 56% this week, n/a last year, n/a average. Apples condition, 3% very poor, 5% poor, 17% fair, 49% good, 26% excellent. Corn condition, 1% very poor, 2% poor, 15% fair, 58% good, 24% excellent. Pasture condition, 4% very poor, 6% poor, 34% fair, 40% good, 16% excellent. Quality of Hay Made, 4% very poor, 7% poor, 10% fair, 33% good, 36% excellent. Soybeans condition, 0% very poor, 1% poor, 12% fair, 58% good, 29% excellent. Field activities for the week included haymaking, bailing straw and spraying.

SOUTH CAROLINA: Days suitable for fieldwork 6.7. Topsoil Moisture 7% very short, 34% short, 58% adequate, 1% surplus. Subsoil Moisture 6% very short, 33% short, 60% adequate, 1% surplus. Pasture and Range condition 12% very poor, 19% poor, 33% fair, 34% good, 2% excellent. Peanuts condition 0% very poor, 2% poor, 16% fair, 69% good, 13% excellent. Livestock condition 5% very poor, 7% poor, 30% fair, 55% good, 3% excellent. Soybeans condition 1% very poor, 4% poor, 21% fair, 64% good, 10% excellent. Corn condition 1% very poor, 5% poor, 26% fair, 59% good, 9% excellent. Corn Mature 97%, 96% 2013. Corn Harvested 63% 35% 2013. Peaches Harvested 99%, 97% 2013. Cantaloupes Harvested 99%, 100% 2013. Soybeans Blooming 97%, 82% 2013. Soybeans setting pods 63%, 38% 2013.

Soybeans Coloring 1%, 2% 2013. Tobacco Harvested 95%, 84% 2013. The state average temperature for the seven-day period was three degrees above the long-term average. The state average rainfall for the seven-day period was 0.1 inches.

SOUTH DAKOTA: Days suitable for fieldwork 3.8. Topsoil moisture 1% very short, 12% short, 83% adequate, 4% surplus. Subsoil moisture 1% very short, 14% short, 82% adequate, 3% surplus. Winter wheat harvested 97%, 98% 2013, 100% avg. Spring wheat mature 97%, 98% 2013, 100% avg. Barley mature 94%, 98% 2013, 99% avg. Sunflower blooming 94%, 97% 2013, 98% avg; ray flowers dry 17%, 17% 2013, 38% avg; bracts turning yellow 1%; condition 0% very poor, 2% poor, 40% fair, 54% good, 4% excellent. Alfalfa second cutting 94%, 96% 2013, 97% avg; third cutting 38%, 69% 2013, 61% avg; condition 0% very poor, 5% poor, 24% fair, 52% good, 19% excellent. Stock water supplies 2% very short, 12% short, 82% adequate, 4% surplus. Below normal temperatures and scattered rain fall across most areas of the state slowed small grain harvest progress.

TENNESSEE: Days suitable for fieldwork 6.0. Topsoil moisture 5% very short 22% short, 69% adequate, 4% surplus. Subsoil moisture 6% very short, 23% short, 70% adequate, 1% surplus. Corn doughing, 98%, corn denting, 82%, corn mature, 18%, corn harvested for grain, 2%. Cotton 96% setting bolls, 27% bolls opening. Soybeans, 92% setting pods, soybeans, 3% dropping leaves. Corn condition 4% poor, 18% fair, 53% good, 25% excellent. Cotton condition, 1% very poor, 6% poor, 24% fair, 55% good, 14% excellent. Soybean condition 1% very poor, 4% poor, 20% fair, 58% good, 17% excellent. Pasture and Range condition 1% very poor, 13% poor 31% fair, 49% good, 6% excellent. Other activities included harvest of corn for silage and second cuttings of hay.

TEXAS: Days suitable for fieldwork 6.2. Topsoil moisture 32% very short, 46% short, 21% adequate, 1% surplus. Subsoil moisture 29% very short, 48% short, 22% adequate, 1% surplus. Corn harvested 55%, 58% 2013, 55% avg. Cotton harvested 9%, 6% 2013, 9% avg. Peanuts pegging 100%, 100% 2013, 100% avg. Soybeans blooming 82%, 98% 2013, 99% avg. Soybeans harvested 21%, 22% 2013, 29% avg. Sunflowers harvested 59%, 16% 2013, 18% avg. Range and pasture condition 14% very poor, 23% poor, 36% fair, 23% good and 4% excellent. Hot and dry weather persisted early in the week. However, as the week progressed, precipitation fell across the majority of the state. Areas of South East Texas, the Upper Coast, the Coastal Bend and the Lower Valley received significant rainfall totaling up to six inches. Parts of the Plains received one or more inches of precipitation. The rest of the state observed scattered showers. Ground preparations continued for fall wheat and oats seeding. In the Northern Low Plains, producers anticipated grazing of wheat to begin in the coming weeks. Insect pressure continued throughout the state. In the Northern High Plains, silage corn continued to be harvested, while in the Upper Coast harvest was wrapping up. In areas of the Northern Low Plains, cotton continued to progress where adequate moisture could be found. In the Blacklands, cotton continued to be harvested and ginned. In areas of South Texas, cotton harvest was active, with hot, dry conditions aiding the defoliation process. Disease risk remained high for peanuts in the Southern High Plains, while in South Texas, peanuts continued to be irrigated. Soybeans continued to be harvested in areas of the Blacklands. Some producers baled rice straw from previously harvested fields in areas of South Central Texas. Sorghum harvest was progressing in areas of the Blacklands. Sugarcane aphids continued to cause problems in some areas. Pecans continued to mature around the state with light insect pressure and heavy irrigation applications. In the Trans-Pecos, pecans moved into the gel nut stage. Pasture conditions improved with recent rainfall. Livestock were in good to fair condition in many areas of the state. In the North East Texas, grasshoppers continued to be a problem. In areas of South Texas, livestock were being supplemented with hay and protein to make up for lack of nutrition found in rangelands.

UTAH: Days suitable for field work 6.1. Topsoil moisture 8% very short, 35% short, 53% adequate, 4% Surplus. Subsoil Moisture 13% very short, 36% short, 47% adequate, 4% surplus. Winter wheat harvested 95%, 97% 2013, 93% 5-yr avg. Barley harvested 89%, 90% 2013, 89% 5-yr avg. Oats harvested 65%, 78% 2013, 72% 5-yr avg. Spring wheat harvested 85%, 90% 2013, 82% 5-yr avg. Alfalfa hay third cutting 51%, 55% 2013, 54% 5-yr avg. Corn Silked 94%, 99% 2013, 98% 5-yr avg; dough stage 56%, 76% 2013, 56% 5-yr avg. Apples harvested 9%. Peaches harvested 39%, 63% 2013, 42% 5-yr avg. Cattle and calves condition 20% fair, 68% good, 12% excellent. Sheep and lamb condition 14% fair, 80% good, 6% excellent. Stock water supplies 5% very short, 34% short, 60% adequate, 1% surplus. In Beaver County third crop cutting of alfalfa was going well. Livestock were looking good. Intermittent rains in Box Elder County over the last couple of weeks have delayed the wheat harvest. Dry farmers are beginning to plant fall wheat where soil moisture is relatively good. Some farmers plan to begin chopping corn silage in the next week Some ranchers plan to bring yearlings and some cows and calves home in the next ten days. Recent wet weather has helped pastures needed for fall grazing but rains were somewhat spotty. Several days of wet weather in Cache County slowed the harvest of wheat, barley, and oats. Some small grains are getting musty and marginal for quality. Some grains have shelled out onto the ground reducing

anticipated yields. Alfalfa hay that was down has significant rain damage. Growers were very busy this week moving forward with the harvest as warmer days have returned. Corn silage looks great. Growers should start chopping corn within just a few weeks. There were freezing temperatures in Rich County during the week with an unofficial low of 30 degrees one morning. Ranges continue to be in good to excellent shape. Producers are talking about having plenty of fall feed on meadow and crop aftermath. Lower regions of Summit County received the first light frost of the summer. Farmers were starting to cut third crop alfalfa hay. Heavy rains in the Maeser and Vernal areas caused flooding in Uintah County. Otherwise, rains during the week helped crops. Recent rains in Weber County have improved growth of corn and alfalfa.

VIRGINIA: Days suitable for fieldwork 6.4. Topsoil moisture 2% very short, 25% short, 64% adequate, 9% surplus. Subsoil moisture 3% very short, 26% short, 68% adequate, 3% surplus. Cotton 1% fair, 96% good, 3% excellent. Cotton setting bolls 100%, 100% 2013, 98% 5-yr avg. Cotton bolls opening 10%, 15% 2013, 19% 5-yr avg. Peanuts 2% fair, 88% good, 10% excellent. Corn 7% poor, 20% fair, 57% good, 16% excellent. Corn dough 89%, 91% 2013, 91% 5-yr avg. Corn dented 64%, 77% 2013, 75% 5-yr avg. Corn mature 31%, 37% 2013, 47% 5-yr avg. Corn for grain harvested 3%, 8% 2013, 12% 5-yr avg. Corn silage harvested 53%, 55% 2013, 61% 5-yr avg. Soybeans 4% poor, 20% fair, 64% good, 12% excellent. Soybeans blooming 82%, 92% 2013, 95% 5-yr avg. Soybeans setting pods 58%, 71% 2013, 76% 5-yr avg. Soybeans dropping leaves 0%, 1% 2013, 2% 5-yr avg. Flue-cured tobacco 3% very poor, 4% poor, 32% fair, 34% good, 27% excellent. Flue-cured tobacco harvested 45%, 47% 2013, 40% 5-yr avg. Fire-cured tobacco 1% very poor, 3% poor, 21% fair, 65% good, 10% excellent. Fire-cured tobacco cut 32%, 61% 2013, 59% 5-yr avg. Burley tobacco 1% very poor, 1% poor, 29% fair, 61% good, 8% excellent. Burley tobacco stripped 7%, 10% 2013, 15% 5-yr avg. Livestock 1% very poor, 4% poor, 20% fair, 59% good, 16% excellent. Pasture 2% very poor, 12% poor, 33% fair, 46% good, 7% excellent. Alfalfa hay 6% poor, 31% fair, 52% good, 11% excellent. Other hay 3% very poor, 13% poor, 37% fair, 42% good, 5% excellent. All apples 2% poor, 38% fair, 54% good, 6% excellent. All apples harvested 33%. Grapes 13% poor, 33% fair, 43% good, 11% excellent. Peaches harvested 83%, 89% 2013, 85% 5-yr avg. It was a hot and humid week for the Old Dominion. Daytime highs were in the 90s. Rain was sparse this week, with only a few areas experiencing light rain. Days suitable for fieldwork were 6.4. The dry weather was favorable for harvesting corn for grain, harvesting tobacco, and cutting hay. Yields on the corn were reported better than first expected; corn growers were getting average to better than average yields. Farmers were monitoring soybeans for insect infestation and apply insecticides. Other farming activities included fall calving, harvesting and selling vegetables, fertilizing pastures, farmstead maintenance, and making preparations for the small grain crops.

WASHINGTON: Days suitable for fieldwork 6.8. Topsoil Moisture 20% Very Short, 36% Short, 43% Adequate and 1% Surplus. Subsoil Moisture 18% Very Short, 46% Short, 35% Adequate and 1% Surplus. Range and Pasture Conditions were 10% very poor, 17% poor, 44% fair, 24% good, and 5% excellent. Spring Wheat Harvested 94%, 91% PW, 78% PY, and 71% 5YA. Barley Harvested 96%, 93% PW, 77% PY, and 73% 5YA. Potatoes Condition 0% Very Poor, 2% Poor, 27% Fair, 68% Good, 3% Excellent. Potatoes Harvested 45%, 32% PW, 38% PY, and 36% 5YA. Corn Condition 1% Very Poor, and 1% Poor, 32% Fair, 54% good, 12% Excellent. Corn Dough 82%, 73% PW, 57% PY, and 42% 5YA. Corn Dent 22%, 13% PW, 32% PY, and 19% 5YA. Dry beans Condition 0% very Poor, 6% poor, 42% fair, 48% Good, and 4% Excellent. Dry Edible Beans 36%, 30% PW, 31% PY 24% 5YA. Dry Pea Harvested 95%, 92% PW, 82% PY, 79% 5YA. Alfalfa third cutting of hay 63%, 50% PW, 64% PY, and 58% 5YA. Alfalfa fourth cutting of hay 5%, NA PW, 1% PY, and 5% 5YA. Apple Harvest Continued, Fall Calving Began in Washington State. Yakima County received 0.47 inch of rain over the past week. Daytime high temperatures ranged from mid 70s to mid 90s. Gala apple harvest was in full swing. Varieties were coming in from the lower Yakima Valley as well as the upper Valley. Late-season varieties of peaches and nectarines were coming in as well. Wine grape growers anticipated harvest to begin two weeks ahead of schedule. Also in Yakima County, hop harvest began while a boom of tomatoes, cucumbers, bell peppers and a broad selection of squashes (summer and winter) came into local vegetable stands and Farmers markets. In Klickitat County, cattle were in good shape and fall calving began. In Grant County, sweet corn, dry pea, potato, and vegetable seed crop harvest continued. Corn harvested for Silage & high moisture corn harvest was set to kick off.

WEST VIRGINIA: Days suitable for fieldwork 6. Topsoil moisture was 2% very short, 29% short, and 69% adequate compared to 4% short, 81% adequate, and 15% surplus last year. Subsoil moisture was 3% very short, 30% short, 66% adequate, and 1% surplus, comparison data not available. Corn conditions were 3% very poor, 7% poor, 21% fair, 53% good, and 16% excellent. Corn was 94% silked, 93% in 2013, 5-year avg. not available. Corn was 80% doughing, 60% in 2013, and 69% 5-year avg. Corn was 42% dented, 8% in 2013, and 29% 5-year avg. Soybean conditions were 2% poor,

10% fair, and 88% good. Soybeans were 95% blooming, 96% in 2013, 5-year avg. not available. Soybeans were 90% setting pods, 76% in 2013, 5-year avg. not available. Soybeans were 6% dropping leaves, comparison data not available. Hay conditions were 1% very poor, 5% poor, 34% fair, 55% good, and 5% excellent. Hay second cutting was 73%, 41% in 2013, and 61% 5-year avg. Apple conditions were 3% poor, 30% fair, 64% good, and 3% excellent. Apples were 18% harvested, 7% in 2013, and 12% 5-year avg. Peaches were 86% harvested, 65% in 2013, and 79% 5-year avg. Cattle and calves were 1% poor, 20% fair, 73% good, and 6% excellent. Sheep and lambs were 1% poor, 21% fair, 74% good, and 4% excellent. Farming activities included making hay, chopping corn, and harvesting peaches, apples, and pumpkins.

WISCONSIN: Days suitable for fieldwork 3.5. Topsoil moisture 1% very short, 10% short, 78% adequate and 11% surplus. Subsoil moisture 1% very short, 15% short, 78% adequate, and 6% surplus. Winter wheat harvested 95%, n.a. 2013, n.a. avg. Hay, alfalfa, third cutting 78%, 76% 2013, 85% avg; fourth cutting 15%, 9% 2013, 24% avg. Hay, all types, condition 3% poor, 14% fair, 59% good, 24% excellent. Potatoes harvested 12%, n.a. 2013, n.a. avg; condition 3% poor, 24% fair, 63% good, 10% excellent. Frequent rains kept many farmers out of fields this week, slowing hay, potato, and small grains harvests. Reporters noted heavy downpours, with weekly precipitation totals as high as 5.0 inches reported in some northeastern locations. Some reporters noted crops yellowing in low lying areas and difficulty accessing fields due to muddy conditions. Temperatures were above normal across the south and central portions of the state. The heat and moisture boosted corn development but late plantings still had a long way to go before maturity. Reporters statewide commented that farmers are hoping for a warm fall with a late frost. Across the reporting stations, average temperatures this week were 2 to 5 degrees above normal. Average high temperatures ranged from 77 to 82 degrees, while average low temperatures ranged from 59 to 67 degrees. Precipitation totals ranged from 0.85 inches in Milwaukee to 2.07 inches in La Crosse.

WYOMING: Days suitable for fieldwork 4.3. Topsoil moisture 6% very short, 20% short, 69% adequate, 5% surplus. Subsoil moisture 6% very short, 26% short, 67% adequate, 1% surplus. Barley mature 92%, 91% 2013, 90% 5-yr avg; harvested 54%, 71% 2013, 74% 5-yr avg; condition 3% fair, 64% good, 33% excellent. Oats coloring 97%, 88% 2013, 95% 5-yr avg; mature 84%, 81% 2013, 85% 5-yr avg; harvested 63%, 74% 2013, 71% 5-yr avg; condition 1% very poor, 1% poor, 3% fair, 77% good, 18% excellent. Spring wheat mature 88%, 91% 2013, 92% 5-yr avg; harvested 72%, 75% 2013, 74% 5-yr avg. Sugarbeets condition 85% good, 15% excellent. Winter wheat harvested 98%, 100% 2013, 99% 5-yr avg. Corn silking 91%, 97% 2013, 95% 5-yr avg; dough 41%, 27% 2013, 40% 5-yr avg; condition 5% fair, 88% good, 7% excellent. Dry beans setting pods 88%, 93% 2013, 91% 5-yr avg; coloring 26%, 52% 2013, 57% 5-yr avg; condition 7% fair, 81% good, 12% excellent. Alfalfa hay 2nd cutting 81%, 91% 2013, 84% 5-yr avg. Livestock condition 19% fair, 60% good, 21% excellent. Crop insect infestation 7% moderate, 45% light, 48% none. Irrigation water supplies 4% poor, 2% fair, 79% good, 15% excellent. Rains delay harvest across the State. Pastures are maturing rapidly with plenty of feed remaining.

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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