ALABAMA: Days suitable for fieldwork were 6.0. Topsoil moisture 1% very short, 24% short, 73% adequate, and 2% surplus. Corn mature 100%, NA% last week, 100% 2012, and 99% five-year average. Corn Harvested 92%, NA% last week, 100% 2012, and 92% five-year average. Corn condition 0% very poor, 0% poor, 5% fair, 38% good, and 57% excellent. Soybeans setting pods 100%, NA% last week, 100% 2012, and 100% five-year average. Soybeans dropping leaves 88%, NA% last week, 90% 2012, and 88% five-year average. Soybeans harvested 24%, NA% last week, 26% 2012, and 38% five-year average. Soybean condition 0% very poor, 1% poor, 12% fair, 63% good, and 24% excellent. Livestock condition 0% very poor, 1% poor, 11% fair, 79% good, and 9% excellent. The week’s average mean temperatures ranged from 61.1°F in Madison, to 71.5°F in Robertsdale; total precipitation ranged from 0.08 inches in Geneva, to 1.29 inches in Selma. Recent weather patterns allowed crop harvesting to make good progress. Rain that moved across Alabama over the past weekend will be beneficial to late planted crops, planting and germination of winter forage crops, and peanut digging. Corn condition improved to mostly excellent. Harvest made rapid progress over the last few weeks. Outstanding yields were still being reported by many producers. Soybean condition remained mostly good to excellent. Harvest was well underway, with early reported yields being very good. Livestock condition was rated mostly good. Pasture growth had slowed, but still remained in mostly good condition. Although progress has been made in planting winter grazing, rain was needed to continue with planting and promote good germination.

ALASKA: DATA NOT AVAILABLE.

ARIZONA: Temperatures were mostly below normal across the State for the week ending October 20, 2013, ranging from 9 degrees below normal at Canyon De Chelly, Kingman and Parker to 2 degrees below normal at Willcox. The highest temperature of the week was 93 degrees recorded at Yuma. The lowest reading was 19 degrees at the Grand Canyon. None of the twenty-two weather stations recorded precipitation last week. Thirteen of the 22 stations have received more than 75 percent of normal precipitation to date. Central and Western Arizona are planting fall vegetables (carrots and lettuce). Dairies continue to work around the clock. Temperatures were low across the State, with some northern areas recording freezing temperatures. Range and Pastures were rated in mostly very poor to good condition, depending on location.

ARKANSAS: Days suitable for fieldwork 4.4. Topsoil moisture 1% very short, 11% short, 74% adequate, 14% surplus. Subsoil moisture 2% very short, 17% short, 71% adequate, 10% surplus. Corn 99% harvested, 100% 2012, 97% avg. Most of the State received significant rainfall at the end of last week. Hay condition was mostly fair to good condition. Livestock were in mostly fair to good condition last week. Hay condition was mostly fair to good. Producers continued to harvest crops as weather permitted.

CALIFORNIA: A moderate high pressure system dominated the weather pattern during a beautiful fall week in California. A weak storm front brushed Northern California on Thursday and brought scattered showers to some locations of the northern mountains. There was not much precipitation in the Central Valley south of Sacramento, however. A few scattered afternoon mountain thunderstorms followed the weak front. Most of the week was filled with sunny skies and near to slightly above normal temperatures across the State. Rice field harvest continued with over three-fourths of the crop finished. Reports noted cotton harvest was the main activity of the week. Half of the cotton crop was harvested by week’s end. Alfalfa growers continued to cut, windrow, rake and bale with good drying conditions across the State. Winter wheat field planting continued and some early planted wheat had emerged. Late wine grape harvest continued. Some raisin grapes were still drying on the ground. Table grape harvest continued. Fig harvest was over. Asian pear harvest was ongoing.
Apples continued to be harvested, including the Fuji and Pink Lady varieties. Kiwi harvest began. Peach, nectarine, and plum harvests were complete. Early persimmons were harvested. Pomegranate harvest continued. Citrus growers were preparing for the Navel orange harvest. Almond harvest was nearly complete. Finished orchards were irrigated, fertilized and pruned. Pistachio and walnut harvests continued. Tulare County reported fall vegetables such as pumpkins, pomegranates, and persimmons were sold at farmers markets. In Fresno County, carrots were irrigated and treated with fungicides. Dehydrator onion fields were prepared for planting. San Joaquin County reported harvest of bell peppers and pumpkins. Tomato harvest was winding down and fields were prepared for fall plantings. Winter vegetables such as broccoli and lettuce were planted in San Mateo County. Yuba County reported cantaloupe harvest was winding down. In Siskiyou County, dehydrator onion harvest was ending. Range and non-irrigated pasture continued to be in fair to very poor condition. Cattle were moved from higher range in preparation for winter. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Livestock supplemental feeding of hay and grain was ongoing.

**COLORADO:** Days suitable for field work 5.3 days. Topsoil moisture 7% very short, 19% short, 70% adequate, 4% surplus. Subsoil moisture 20% very short, 35% short, 44% adequate, 1% surplus. San Luis Valley potatoes harvested 92%, 99% 2012, 96% avg. Dry Beans harvested 81%, 98% 2012, 89% avg. Alfalfa 4th cutting 69%, 98% 2012, 69% avg, condition 15% very poor, 19% poor, 30% fair, 32% good, 4% excellent. Dry onions harvested 83%, 96% 2012, 96% avg. Livestock condition 1% very poor, 6% poor, 23% fair, 66% good, 4% excellent. Sugarbeets harvested 53%, 60% 2012, 53% avg, condition 3% poor, 25% fair, 67% good, 5% excellent. Overall harvest continues for late season crops, and high winds particularly in the eastern counties have reportedly blown planted winter wheat from fields. Hard freezes have become increasingly frequent.

**DELAWARE:** Days suitable for fieldwork 6.0. Topsoil moisture 16% very short, 35% short, 46% adequate, 3% surplus. Subsoil moisture 0% very short, 35% short, 62% adequate, 3% surplus. Hay supplies 0% very short, 32% short, 62% adequate, 6% surplus. Other hay fourth cutting 52% this week, N/A last week, 55% last year, 48% average. Alfalfa hay fourth cutting 90% this week, N/A last week, 100% last year, 86% average. Soybean condition 2% very poor, 6% poor, 28% fair, 53% good, 11% excellent. Corn harvested for grain 92% this week, N/A last week, 96% last year, 86% average. Soybeans turning color 85% this week, N/A last week, 100% last year, 96% average. Soybeans dropping leaves 79% this week, N/A last week, 91% last year, 85% average. Soybeans harvested 19% this week, N/A last week, 25% last year, 26% average. Barley planted 63% this week, N/A last week, 82% last year, 74% average. Winter Wheat 41% this week, N/A last week, 50% last year, 43% average. Lima Beans harvested 94% this week, N/A last week, 99% last year, 98% average.

**FLORIDA:** Topsoil moisture 2% very short, 25% short, 70% adequate, 3% surplus. Subsoil moisture 1% very short, 10% short, 85% adequate, 4% surplus. Peanut harvest complete or near complete in several locations. Cotton being harvested. Planting winter forage begun. Haying active Panhandle, central areas. Soybean harvest active. Sugarcane harvest, cane planting continued. Strawberries, tomatoes, peppers being planted. Vegetable field work continued. Vegetable planting behind schedule Palm Beach County. Vegetables, fruits being marketed; eggplant, cucumbers, squash, fall watermelons, some specialty items. Cattle Condition 1% poor, 15% fair, 70% good, 14% excellent. Flooding limited forage condition. Citrus growing area drought free. Trees look good. Grove activity included resetting new trees, pushing dead groves, replanting new citrus, mowing, fertilizing, psyllid control. Twenty eight of 48 packinghouses open, small quantities shipped.

**GEORGIA:** Days suitable for fieldwork 6.3. Topsoil moisture 8% very short, 40% short, 51% adequate, 1% surplus. Subsoil moisture 5% very short, 30% short, 63% adequate, 2% surplus. Corn harvested 96%, 100% 2012, 100% avg. Hay third cutting 77%, 91% 2012. Oats planted 27%, 37% 2012, 34% avg. Pecans 2% very poor, 14% poor, 36% fair, 39% good, 9% excellent. Pecans 6%, 14% 2012, 9% avg. Rye planted 27%, 36% 2012, 38% avg. Sorghum 3% very poor, 8% poor, 39% fair, 44% good, 6% excellent. Sorghum harvested 47%, 45% 2012, 46% avg. Soybeans 3% very poor, 7% poor, 33% fair, 50% good, 7% excellent. Soybeans 14%, 22% 2012, 14% avg. Winter wheat planted 10%, 19% 2012, 13% avg. Precipitation estimates for the State ranged from no rain up to 0.6 inches. Average high temperatures ranged from the mid 60s to the low 80s. Average low temperatures ranged from the high 40s to the mid 60s.
HAWAII: Days suitable for fieldwork 7.0. Topsoil moisture 20% very short, 66% short, 14% adequate, 0% surplus. The average weekly total rainfall across the State was 0.78 inch of measurable precipitation. The total drought-free area in the State fell was 13.83 percent on October 15, 2003, unchanged from the previous week’s reading. All drought ratings were unchanged from the previous week’s rating. All portions were rated in some stage of drought except for the windward coasts and slopes of Oahu and Kauai Islands. Extreme drought was rated for the southern leeward coast of Maui Island and a portion of the South Kohala district and Kau on the Big Island of Hawaii, and a small portion of Molokai Island. Oahu Island State irrigation reservoir water levels were identical on Friday, October 18, 2013, compared to the previous week’s level. The State operated reservoir’s capacity on Molokai Island was down 0.25 foot on Friday, October 18, 2013, compared to the previous week’s level. The Hawaii County reservoir was up 0.50 feet on Friday, October 18, 2013, compared to the previous week’s level.

IDAHO: Days suitable for fieldwork 6.6 days. Topsoil moisture 5% very short, 30% short, 62% adequate, 3% surplus. Field corn harvested for grain 25%, 26% 2012, 17% avg. Field corn harvested for silage 91%, 99% 2012, 87% avg. Potatoes harvested 96%, 95% 2012, 92% avg. Dry beans harvested 61%, 100% 2012, 99% avg. Irrigation water supply 25% very poor, 18% poor, 39% fair, 18% good, 0% excellent. Franklin County extension educator reports corn silage harvest is making great progress. Onion harvest is mostly complete. Potato harvest at 96 percent complete at the State level, is essentially finished.

ILLINOIS: Days suitable for fieldwork 5.7. Topsoil moisture 21% very short, 44% short, 34% adequate, 1% surplus. Subsoil moisture 25% very short, 42% short, 33% adequate. Alfalfa condition 3% very poor, 7% poor, 33% fair, 50% good, and 7% excellent. Corn and soybean harvest were in full swing across the State last week with corn harvest progressing to 51 percent complete and soybean harvest progressing to 68 percent complete. Temperatures averaged 51.2 degrees for the week, 2.6 degrees below normal. Precipitation across the State averaged 0.43 inches, 0.29 inches below normal. Activities included corn and soybean and sorghum harvest, fertilizer and lime applications, and fall tillage.

INDIANA: Days suitable for fieldwork 4.8. Topsoil 4% very short, 17% short, 73% adequate, 6% surplus. Subsoil 8% very short, 24% short, 66% adequate, 2% surplus. Tobacco harvested 94% 2013, 99% 2012, 98% 5-yr avg. Moisture content of harvested corn 20%. Moisture content of harvested soybeans 13%. Temperatures ranged from 2o above normal to 5o below normal with a low of 33o and a high of 79o. Precipitation ranged from 0.14 to 0.87 inches. Scattered rain across the State slowed harvesting slightly last week according to the Indiana Field Office of USDA’s National Agricultural Statistics Service. Some farmers are still waiting for corn to dry down, and there were a few reports of stalk weakness due to the wet conditions. Soybean harvest was well under way, with average to above average yields reported. Conditions were good for winter wheat germination and emergence.

IOWA: Days suitable for fieldwork 5.4. Topsoil moisture 20% very short, 34% short, and 46% adequate. Subsoil moisture 29% very short, 38% short, 32% adequate, and 1% surplus. Grain movement farm to elevator 22% none, 25% light, 37% moderate, and 16% heavy. Off-farm grain storage availability 3% short, 75% adequate, and 22% surplus. On-farm grain storage availability 10% short, 74% adequate, and 16% surplus. Hay and roughage supplies 16% short, 73% adequate, and 11% surplus. Quality of hay and roughage 9% poor, 41% fair, and 50% good. Mostly favorable weather allowed harvest of corn and soybeans to advance this week. Fall tillage was underway in areas already harvested. There were a few reports of livestock grazing on corn stubble.

KANSAS: Days suitable for field work 4.8. Topsoil moisture 9% very short, 29% short, 59% adequate, 3% surplus. Subsoil moisture 18% very short, 33% short, 49% adequate, and 0% surplus. Sunflowers ray flowers dried 99%, 100% 2012, 98% avg. Sunflower turned yellow 98%, 96% 2012, 94% avg. Alfalfa fourth cutting 86%, 81% 2012, 86% avg. Stock water supplies 11% very short, 16% short, 71% adequate, 2% surplus. Temperatures were cooler than normal, with precipitation hindering harvest progress across most of the State, according to USDA’s National Agricultural Statistics Service. Reports of rain early in the week in eastern half of the State slowed harvest, while several inches of snow in northwest Kansas late in the week affected some unharvested milo and prevented farmers from harvesting their crops.
KENTUCKY: Days suitable 4.6. Topsoil moisture 1% very short, 11% short, 78% adequate, 10% surplus. Subsoil moisture 1% very short, 16% short, 76% adequate, 7% surplus. Precipitation averaged 0.47 in., 0.24 in. below normal. Temperatures averaged 56 degrees, 2 degrees cooler than normal. Dark tobacco cut 91%, 99% 2012, 100% avg. Burley tobacco cut 97%, 100% 2012, 100% avg. Burley tobacco stripped 13%, 15% 2012, 13% avg. Condition of housed tobacco 1% very poor, 4% poor, 20% fair, 58% good, 17% excellent. Farmers who reported to have adequate hay supply 93%. This week consisted of rainy conditions. Primary activities this week included harvesting tobacco, harvesting corn, and harvesting soybeans.

LOUISIANA: Days suitable for fieldwork, 5.5. Soil moisture 3% very short, 18% short, 63% adequate, 16% surplus. Corn mature 100% this week, 100% last week, 100% last year, 100% average; Corn harvested 100% this week, 100% last week, 100% last year, 99% average; Corn condition 0% very poor, 0% poor, 27% fair, 59% good, 14% excellent. Pecans harvested 15% this week, n/a% last week, 25% last year, 19% average; Pecans condition 5% very poor, 12% poor, 45% fair, 33% good, 5% excellent. Sugarcane planted 99% this week, n/a% last week, 100% last year, 99% average; Sugarcane harvested 18% this week, n/a% last week, 23% last year, 18% average; Sugarcane condition 2% very poor, 6% poor, 23% fair, 47% good, 22% excellent. Sweet Potatoes harvested 60% this week, n/a% last week, 71% last year, 59% average. Winter Wheat planted 19% this week, n/a% last week, 7% last year, 7% average; Winter Wheat emerged 3% this week, n/a% last week, n/a% last year, n/a% average; Winter Wheat condition 5% very poor, 10% poor, 40% fair, 40% good, 5% excellent. Vegetables condition 2% very poor, 16% poor, 40% fair, 38% good, 4% excellent. Livestock condition 1% very poor, 5% poor, 33% fair, 53% good, 8% excellent.

MARYLAND: Days suitable for fieldwork 5.5. Topsoil moisture 0% very short, 10% short, 79% adequate, 11% surplus. Subsoil moisture 7% very short, 13% short, 79% adequate, 1% surplus. Hay supplies 5% very short, 6% short, 78% adequate, 11% surplus. Other hay fourth cutting 37% this week, N/A last week, 11% last year, 37% average. Alfalfa hay fourth cutting 93% this week, N/A last week, 100% last year, 91% average. Soybean condition 1% very poor, 4% poor, 19% fair, 51% good, 25% excellent. Corn harvested for grain 79% this week, N/A last week, 84% last year, 77% average. Soybeans turning color 90% this week, N/A last week, 99% last year, 95% average. Soybeans dropping leaves 64% this week, N/A last week, 92% last year, 83% average. Soybeans harvested 29% this week, N/A last week, 28% last year, 30% average. Barley planted 84% this week, N/A last week, 88% last year, 81% average. Winter Wheat planted 56% this week, N/A last week, 69% last year, 58% average. Lima beans harvested 92% this week, N/A last week, 99% last year, 98% average.

MICHIGAN: Days suitable for fieldwork 4. Topsoil 2% very short, 11% short, 73% adequate, 14% surplus. Subsoil moisture 5% very short, 26% short, 65% adequate, 4% surplus. Third cutting hay 95%, 100% 2012, 97% avg. Fourth cutting hay 75%, 81% 2012, 65% avg. Dry beans 6% very poor, 9% poor, 26% fair, 45% good, 14% excellent. Dry beans harvested 91%, 97% 2012, 93% avg. A wet week slowed progress of the corn harvest and soybean harvest. Both of these crops are slightly behind the five year average. There are some producers who are waiting for additional drying to occur in the field before harvesting. The late planted fields are benefiting from the lack of a killer frost in some areas of the State, allowing them to finish maturing. Winter wheat planting and emergence is on schedule and initial reports indicate that most of the wheat is in good condition so far. Sugar beet harvest is also proceeding normally. Farmers who had the chance were busy with fall tillage and preparing livestock for winter.

MINNESOTA: Days suitable for fieldwork 3.0. Topsoil moisture 2% Very Short, 12% Short, 74% Adequate, 12% surplus. Subsoil moisture 4% Very Short, 29% Short, 65% Adequate, 2% surplus. Canola harvested 90%, 100% 2012, 100% average. Dry beans, dropping leaves 99%, 100% 2012, 87% avg. Dry beans, harvested 90%, 100% 2012, 97% avg. Potatoes, harvested 88%, 100% 2012, 98% average. Sunflowers, harvested 16%, 93% 2012, 59% average.

MISSISSIPPI: Days suitable for fieldwork 4.7. Soil moisture 0% very short, 15% short, 72% adequate, 13% surplus. Corn mature 100%. Corn harvested 99%, 100% 2012, 98% avg. Corn 1% very poor, 4% poor, 14% fair, 60% good, 21% excellent. Rice mature 100%. Rice 0% very poor, 1% poor, 24% fair, 50% good, 25% excellent. Sorghum coloring 100%. Sorghum mature 100%. Sorghum harvested 89%, 100% 2012, 91% avg. Sorghum 0% very poor, 0% poor, 17% fair, 66% good, 17% excellent. Sweet potatoes harvested 73%, 69%
2012, 72% avg. Sweet potatoes 1% very poor, 1% poor, 12% fair, 57% good, 29% excellent. Winter wheat planted 8%, 17% 2012, 20% avg. Winter wheat emerged 4%, 8% 2012, 11% avg. Winter wheat 0% very poor, 0% poor, 39% fair, 59% good, 2% excellent. Livestock condition 0% very poor, 0% poor, 25% fair, 70% good, 5% excellent. Harvest has been progressing smoothly over the last several weeks, slowed temporarily by sporadic rain showers. Expected drier weather will allow farmers to complete harvest and get some much needed field work done over next couple of weeks. Planting of winter wheat has begun some areas.

MISSOURI: Days suitable for fieldwork 5.1. Topsoil moisture 14% very short, 40% short, 44% adequate, 2% surplus. Subsoil moisture supply 25% very short, 38% short, 37% adequate. Supply of hay and other roughages 1% very short, 8% short, 78% adequate, 13% surplus. Stock water supplies 2% very short, 20% short, 77% adequate, 1% surplus. Corn moisture at harvest 17.0%. Fall tillage 25%, 53% 2012, 34% average The State experienced scattered showers and below average temperatures last week. Temperatures were 1 degree to 4 degrees below average across the State. Precipitation averaged 0.55 of an inch Statewide.

MONTANA: Days suitable for fieldwork 4.3, 5.6 last year. Topsoil moisture 4% very short, 35% last year; 22% short, 41% last year; 66% adequate, 23% last year; 8% surplus, 1% last year. Subsoil moisture 4% very short, 50% last year; 25% short, 35% last year; 67% adequate, 15% last year; 4% surplus, 0% last year. Corn harvested for grain 17%, 38% last year. Corn chopped for silage 93%, 96% last year. Corn condition 2% very poor, 5% last year; 4% poor, 12% last year; 32% fair, 29% last year; 41% good, 39% last year; 21% excellent, 15% last year. Alfalfa hay harvested – second cutting 98%, 100% last year. Other hay harvested – second cutting 99%, 100% last year. Lentils harvested 100%, 100% last year. Oats harvested 100%, 100% last year. Potatoes harvested 86%, 89% last year. Sugar beets harvested 67%, 74% last year. Sugar beets condition 0% very poor, 8% poor, 34% fair, 42% good, 16% excellent. Durum wheat harvested 96%, 100% last year. Spring wheat harvested 100%, 100% last year. Livestock moved from summer ranges – cattle & calves 56%, 74% last year. Livestock moved from summer ranges – sheep & lambs 71%, 81% last year. Livestock receiving supplemental feed – cattle & calves 6%, 30% last year. Livestock receiving supplemental feed – sheep & lambs 8%, 43% last year. The week ending October 20 had mild days and cold nights for much of Montana. Harlowton received the highest amount of precipitation for the week with 1.33 inches of moisture. Most other stations reported none to 1.23 inches of precipitation. High temperatures ranged from the mid 50s to mid 60s, with the State-wide high temperature recorded at Corvallis. A majority of stations reported lows in the lower teens to the upper 20s with the coldest being Wisdom at 11 degrees.

NEBRASKA: Days suitable for fieldwork 4.7 days. Topsoil moisture 6% very short, 23% short, 69% adequate, 2% surplus. Subsoil moisture 18% very short, 37% short, 45% adequate, 0% surplus. Proso millet harvested 86%, 93% 2012, 86% avg. Dry Bean harvested 94%, 90% 2012, 96% avg. Alfalfa fourth cutting 89%, 100% 2012, 96% average. Stockwater supplies rated 6% very short, 14% short, 80% adequate, 0% surplus. For the week ending October 20, 2013, an inch or more of precipitation early in the week covered much of the eastern two-thirds of the State, slowing harvest progress. Most soybean acres were harvested with producer’s attention now moved to corn. Below normal temperatures and wet conditions combined to slow drydown of corn acres. Livestock producers were moving cattle to harvested corn fields as they became available.

NEVADA: Days suitable for fieldwork 7. A high pressure system hovering over the State kept skies clear and sunny. Daytime temperatures were warm. Las Vegas recorded a high of 83 degrees, Reno 76 degrees, and Tonopah 72 degrees. Nighttime lows were cold. Winnemucca registered the coldest temperature at 16 degrees. The Elko low was 19 degrees and Ely 20 degrees. Weekly average temperatures ranged from 3 to 6 degrees below normal. Precipitation Statewide was virtually nil. Annual grasses remained green in some areas. Range condition remains marginal with some livestock on winter allotments. Pasture condition was mainly poor due to lack of early and mid season moisture. Alfalfa fourth cutting was mostly complete with limited cutting continuing in central valleys. Hay demand for winter stock feed was high. Other crop harvests were well along and benefitted from the clear weather. Alfalfa seed cutting was complete. Mint harvest was complete and distillation was getting underway. Potato harvest was well along. Corn silage cutting was well advanced. Onions were being moved from fields for sorting and packing. Locally grown pumpkins were being marketed. Winter wheat planting was advancing rapidly. Garlic planting was completed. Ranchers were providing supplemental feed to livestock on poor ranges. Calves were being weaned, sorted, and shipped to
feedlots. Main farm and ranch activities included the harvesting of hay, corn silage, and potatoes. Fall seeding of winter grains. Calves were being sorted and weaned and loads continued to be shipped out-of-State for feeding.

**NEW ENGLAND:** Days suitable for fieldwork 6.3. Topsoil moisture 1% very short, 7% short, 87% adequate, 5% surplus. Subsoil moisture 1% very short, 18% short, 78% adequate, 3% surplus. Maine Barley 100% harvested, 100% 2012, 100% avg. Maine Oats 100% harvested, 100% 2012, 100% avg. Maine Potatoes 100% harvested, 95% 2012, 95% avg. Massachusetts Potatoes 99% harvested, 85% 2012, 95% avg. Rhode Island Potatoes 85% harvested, 80% 2012, 85% avg. Field Corn 90% harvested, 85% 2012, 90% avg. Sweet Corn 100% harvested, 100% 2012, 100% avg. Second Crop Hay 99% harvested, 99% 2012, 99% avg. Third Crop Hay 80% harvested, 90% 2012, 90% avg. Apples 90% harvested, 95% 2012, 95% avg. Pears 99% harvested, 99% 2012, 95% avg. Massachusetts Cranberries 70% harvested, 80% 2012, 80% avg. Field Corn 90% harvested, 85% 2012, 90% avg. Fall seeding of winter grains. Calves were being sorted and weaned and loads continued to be shipped out-of-State for feeding.

- Maine Barley 100% harvested, 100% 2012, 100% avg.
- Maine Oats 100% harvested, 100% 2012, 100% avg.
- Maine Potatoes 100% harvested, 95% 2012, 95% avg.
- Massachusetts Potatoes 99% harvested, 85% 2012, 95% avg.
- Rhode Island Potatoes 85% harvested, 80% 2012, 85% avg.
- Field Corn 90% harvested, 85% 2012, 90% avg.
- Sweet Corn 100% harvested, 100% 2012, 100% avg.
- Second Crop Hay 99% harvested, 99% 2012, 99% avg.
- Third Crop Hay 80% harvested, 90% 2012, 90% avg.
- Apples 90% harvested, 95% 2012, 95% avg.
- Pears 99% harvested, 99% 2012, 95% avg.
- Massachusetts Cranberries 70% harvested, 80% 2012, 80% avg.
- Field Corn 90% harvested, 85% 2012, 90% avg.

The week was relatively warm with significant day and night temperature swings throughout the week. Average temperatures across the six States ranged from 5 to 9 degrees above normal. Rainfall this week was moderate in Vermont, light to minimal elsewhere. Average precipitation across the six States ranged 0.04 to 0.79 inches. Crops harvested included silage corn, hay, haylage, potatoes, various summer and fall vegetables, apples, pears, and cranberries. Other field activities included irrigating, fertilizing, cleaning fields, planting cover crops, and putting equipment away.

**NEW JERSEY:** Days suitable for field work 6.0. Topsoil moisture 20% short, 77% adequate, 3% surplus. Subsoil moisture 1% very short, 9% short, 80% adequate, 10% surplus. Cranberry harvest is about 65% complete. Sweet corn and grape harvesting are nearing completion. Pumpkin and apple harvesting are mostly done. Field corn harvesting is well underway. Soybean harvesting is underway. Cranberries are in good condition. Grapes are in good to excellent condition. Sweet corn and pumpkins are in mostly good condition. Apples are in fair to excellent condition. In Monmouth County, grapes have higher sugar content due to the mid-summer drought and field corn and soybean yields will be low in many areas. In Warren County, fall vegetable plantings are nearly complete. In Mercer County, most fall cover crops in vegetable fields are in the ground and are up.

**NEW MEXICO:** Days suitable for fieldwork 6.9. Topsoil moisture 20% very short, 30% short, 49% adequate and 1% surplus. Wind damage 19% light and 6% moderate. Alfalfa 1% very poor, 10% poor, 38% fair and 51% good; 95% fifth cutting complete; 66% sixth cutting complete; 12% seventh cutting complete. Cotton 2% very poor, 20% poor, 38% fair, 21% good and 19% excellent; 93% bolls opening; 4% harvested. Corn 1% very poor, 6% poor, 46% fair and 47% good; 95% dent; 78% mature; 95% Silage harvested; 35% grain harvested. Sorghum 5% poor, 48% fair and 47% good; 100% headed; 91% turning color; 45% mature; 1% harvested. Chile 2% poor, 32% fair and 66% good; 19% harvested red. Onion planting 76% complete. Pecans 1% poor, 27% fair, 46% good and 26% excellent. Peanut harvest 50% complete. Cattle condition 2% very poor, 9% poor, 54% fair, 30% good and 5% excellent. Sheep condition 29% very poor, 23% poor, 26% fair and 22% good. A cold front pushed south across New Mexico early on Monday bringing scattered areas of rain to the north and northeast, along with gusty winds. Highs Monday ranged from the 40’s to 50’s in the northern mountains to the 60’s and 70’s in the south. A cold front moved into the central part of New Mexico late Tuesday into Wednesday, bringing gusty winds along with areas of rain and snow. A few locations in the northern mountains reported several inches of snowfall. High pressure moved into the area behind the front on Wednesday bringing clearing skies and cooler temperatures. Afternoon highs Wednesday ranged from the 30’s to 40’s in the north to the 50’s to 60’s in the south. High pressure dominated the weather for the rest of the week bringing mostly sunny skies and warming temperatures.

**NEW YORK:** Days suitable for fieldwork 5.4. Soil moisture 2% short, 75% adequate, 23% surplus. Soybeans 5% poor, 19% fair, 52% good, 24% excellent. Soybeans 44% harvested, 50% in 2012, 35% average. Potatoes 89% harvested, 95% in 2012, 87% average. Corn 6% poor, 19% fair, 51% good, 24% excellent. Silage corn 89% harvested, 93% in 2012, 89% average. Corn for grain 15% harvested, 27% in 2012, 20% five year average. Winter wheat 25% fair, 51% good, 24% excellent. Winter wheat 82% planted. Apples 76% harvested, 93% in 2012, 80% average. Apples 1% poor, 4% fair, 44% good, 51% excellent. Grapes were 80% harvested, 95% 2012 and 86% average. Grapes 1% fair, 36% good, 63% excellent. Pears 93%
harvested, 100% in 2012, 99% average. Pears 12% poor, 15% fair, 66% good, 7% excellent. Rainfall for the State ranged from 0.01 to 2.10 inches. Temperatures ranged from a low of 33 to a high of 75.

NORTH CAROLINA: There were 4.7 days suitable for field work for the week ending October 20th compared to 6.0 for the week ending September 29th. Statewide soil moisture levels were rated at 1% very short, 17% short, 70% adequate and 12% surplus. The State received little precipitation this week and average temperatures were slightly above normal. Small grain plantings are ahead of last year. However, cotton and peanut harvest percentages are slightly behind compared to last year due to the gray, damp days over the last two weeks. Crop conditions remain fair to good for cotton and peanuts. Flue-cured and burley tobacco harvest are done for this season.

NORTH DAKOTA: Days suitable for fieldwork were 2.4. Topsoil moisture 0% very short, 2% short, 70% adequate, 28% surplus. Subsoil moisture 0% very short, 3% short, 80% adequate, 17% surplus. Durum wheat harvested 96%, 100% 2012, 100% average. Canola harvested 94%, 100% 2012, 100% average. Flaxseed harvested 84%, 100% 2012, 97% average. Potatoes vines killed 100%, 100% 2012, 100% average. Potatoes dug 90%, 93% 2012, 96% average. Potatoes condition 2% very poor, 11% poor, 41% fair, 43% good, and 3% excellent. Dry Edible Beans harvested 88%, 100% 2012, 87% average. Lentils harvested 96%, 100% 2012, 100% average. Cattle/Calf conditions 0% very poor, 2% poor, 13% fair, 71% good, and 14% excellent. Sheep/Lamb conditions 0% very poor, 3% poor, 14% fair, 77% good, and 6% excellent. Stock water supplies 0% very short, 2% short, 82% adequate, and 16% surplus. Significant moisture was received across much of the State last week. This moisture either halted or significantly slowed harvest activities much of the week. A hard frost occurred over much of the State on October 15 and temperatures for the week averaged 2 to 6 degrees below normal. Livestock activities included moving cattle off pastures, weaning calves, and moving hay to winter feeding areas.

OHIO: Days suitable for fieldwork 4. Topsoil 1% very short, 9% short, 79% adequate, 11% surplus. Subsoil 1% very short, 17% short, 75% adequate, 7% surplus. Third cutting hay 100%, NA 2012, NA avg. Fourth cutting hay 90%, NA 2012, NA avg. Producers spent the majority of the week harvesting corn and soybeans, hampered only by intermittent rains. The moisture content of harvested corn averaged 20 percent, and the moisture content of harvested soybeans averaged 14 percent. Producers are also preparing for and planting fall-seeded crops. Winter wheat planting is progressing as the weather allows, and the timely rains have helped emergence. Hay making is largely done, and producers that have not yet harvested a fourth cutting will do so very soon or not at all. Vegetable harvest, including tomatoes and peppers, is nearly complete.

OKLAHOMA: Days suitable for fieldwork 5.0. Topsoil moisture 8% very short, 26% short, 65% adequate, 1% surplus. Subsoil moisture 24% very short, 29% short, 47% adequate. Rye condition 1% poor, 20% fair, 73% good, 6% excellent; planted 89% this week, n/a last week, 99% last year, 93% average; emerged 75% this week, n/a last week, 84% last year, 79% average. Oats seedbed prepared 79% this week, n/a last week, 78% last year, 77% average; planted 41% this week, n/a last week, 41% last year, 38% average; emerged 25% this week, n/a last week, 28% last year, 25% average. Canola condition 2% very poor, 3% poor, 20% fair, 70% good, 5% excellent; planted 96% this week, n/a last week, 95% last year, n/a average; emerged 81% this week, n/a last week, 72% last year, n/a average. Corn harvested 86% this week, n/a last week, 94% last year, 89% average. Soybeans condition 8% poor, 35% fair, 47% good, 10% excellent; mature 71% this week, n/a last week, 61% last year, 60% average; harvested 38% this week, n/a last week, 27% last year, 28% average. Alfalfa hay 4th cutting 91% this week, n/a last week, 68% last year, 76% average; 5th cutting 35% this week, n/a last week, n/a last year, n/a average. Other hay 2nd cutting 85% this week, n/a last week, 69% last year, 76% average. Livestock condition 1% very poor, 4% poor, 27% fair, 58% good, 10% excellent. Fall planting was winding down and more than half of wheat, rye and canola had emerged by the end of the week. Harvest of all row crops was underway. Over an inch of rain was recorded on average over the last week, with the heaviest totals in the southeastern quarter of the State. The October 15th U.S. Drought Monitor showed improvements to drought conditions, especially across eastern Oklahoma. Almost 42 percent of the State had no drought condition rating at all, up from 23 percent the week before. Temperatures averaged in the low to mid 50s, and were cooler as the week went on, dipping below freezing on Friday and Saturday.
OREGON: Days suitable for field work 6.8 days. Subsoil Moisture 10% Very Short, 29% Short, 60% Adequate, 1% Surplus. Topsoil Moisture 8% Very Short, 23% Short, 68% Adequate, 1% Surplus. Weather The temperatures were below average in most of the regions in Oregon. Willamette Valley was the only region with average temperatures. All of the regions experienced very little precipitation. Cumulative precipitation was below average in most parts of Oregon. The high temperatures for the State ranged from the high-70’s in the Southwestern Valley and South Central regions to the mid-60’s in the North Central and Northeastern regions. The low temperatures for the State ranged from the low-10’s in the South Central region to the low-40’s in the Coastal, Willamette Valley and Southwestern Valley regions. Field Crops In Lane County grass seed and wheat planting had resumed. In Tillamook County all corn silage was harvested. Another cutting of grass for silage was harvested this week on some fields. In Washington County producers were spraying grass for seed with broad leaf herbicide. Winter wheat planting was nearly completed. Field corn for silage was completed. In Klamath County potato harvest continued. Some winter grains were emerging. In Umatilla County corn, for grain and seed, harvest continued. Farmers were trying to get the last of the winter wheat seeded while conditions were ideal. Fruits and Nuts In Coos and Curry Counties tree fruits were maturing nicely. In Douglas County pear and apple harvest were nearing completion. There were just a few late apple varieties to go. Liming was occurring on orchards. In Lane County grape growers were struggling with fungus issues. In Washington County most filberts were harvested, processing was ongoing. Apples and pears were being picked. In Yamhill County hazelnut harvest continued and late season apple harvest continued. Nurseries and Greenhouses In Washington County nurseries were rotating potted plants to new plantations. Vegetables In Washington County pumpkins and acorn squash were being harvested. Some sweet corn was damaged by flooding and was being harvested for silage. Livestock, Range and Pasture In Columbia County there was excellent fall pasture growth. In Washington County cattle and calves were doing well.

PENNSYLVANIA: Days suitable for fieldwork, 4. Soil moisture; 1% very short, 7% short, 86% adequate and 6% surplus. Fall plowing; 71% this week, n/a% last week, 77% last year, and 61% average. Barley planted; 88% this week, n/a% last week, 92% last year, and 85% average. Barley emerged; 73% this week, n/a% last week, 55% last year, and 58% average. Winter Wheat planted; 70% this week, n/a% last week, 77% last year, and 66% average. Winter Wheat emerged; 57% this week, n/a% last week, 41% last year, and 38% average. Soybeans harvested; 45% this week, n/a% last week, 49% last year, and 38% average. Potatoes harvested; 99% this week, n/a% last week, 99% last year, and 96% average. Alfalfa fourth cutting; 92% this week, n/a% last week, 97% last year, and 92% average. Apples harvested; 91% this week, n/a% last week, 95% last year, and 90% average. Grape harvested; 61% this week, n/a% last week, n/a% last year, and n/a% average. Soybean conditions; 0% very poor, 1% poor, 10% fair, 59% good, 30% excellent. Field activities for the week included cutting alfalfa and other forage; harvesting corn and corn silage, harvesting potatoes, apples and grapes, planting barley and winter wheat, applying fertilizer, mowing pastures, spraying herbicides and pesticides and applying lime to fields and preparing fields for next crop.

SOUTHERN CAROLINA: Days suitable for fieldwork 6.4. Soil moisture 11% very short, 48% short, 40% adequate, 1% surplus. Soybeans 3% very poor, 8% poor, 41% fair, 47% good, 1% excellent. Livestock condition 0% very poor, 0% poor, 22% fair, 77% good, 1% excellent. Corn harvested 98%, 100% 2012, 100% avg. Soybeans bloomed 100%, 100% 2012, 100% avg. Soybeans pods set 95%, 100% 2012, 100% avg. Soybeans leaves turning color 61%, 70% 2012, 77% avg. Soybeans leaves dropped 25%, 32% 2012, 39% avg. Soybeans mature 19%, 19% 2012, 26% avg. Soybeans harvested 4%, 6% 2012, 9% avg. Winter wheat planted 14%, 32% 2012, 21% avg. Winter wheat emerged 0%, 9% 2012, 8% avg. Oats planted 9%, 23% 2012, 24% avg. Oats emerged 0%, 9% 2012, 8% avg. Tobacco stalks destroyed 92%, 100% 2012, 98% avg. Winter grazings planted 48%, 61% 2012, 56% avg. Winter grazings emerged 20%, 36% 2012, 28% avg. Most of State experienced overcast days with little to no rainfall. dry weather favorable for harvesting activities; however, many growers waiting for sufficient rains before they start planting their small grain crops.

SOUTHERN DAKOTA: Days suitable for field work 2.5. Topsoil moisture 0% very short, 6% short, 84% adequate, 10% surplus. Subsoil moisture 1% very short, 17% short, 78% adequate, 4% surplus. 3rd cutting of alfalfa 99% complete, 100% 2012, 100% average. 4th cutting of alfalfa 41% complete. Alfalfa hay condition 0% very poor, 4% poor, 34% fair, 55% good, 7% excellent. Cattle/Calf conditions 0% very poor, 1% poor, 20% fair, 73% good, 6% excellent. Sheep/Lamb conditions 0% very poor, 1% poor, 19% fair, 76% good, 4% excellent.
Stock water supplies 1% very short, 10% short, 80% adequate, 9% surplus. Cool, wet conditions across most areas of the State slowed harvest progress. Major farm activities included hauling grain and hay, and moving cattle.

**TENNESSEE:** Days suitable 4.5. Topsoil moisture 17% short, 75% adequate, 8% surplus. Subsoil moisture 18% short, 78% adequate, 4% surplus. Crops were rated good-to-excellent. Harvest delayed by rain. Other farm activities included tobacco stripping. Because of rain, pasture conditions good-to-excellent.

**TEXAS:** Significant precipitation fell across the State last week. Rainfall totals in most areas ranged from 1 to 4 inches, while areas of South Texas received accumulations upward of 10 inches. Soil moisture and stock tank levels improved significantly throughout the State as a result of rainfall and cooler temperatures. Freezing nighttime temperatures were reported in areas of the Panhandle. Small Grains Producers in the Plains continued to seed wheat as early planted wheat fields emerged. Significant rainfall in the Cross Timbers, the Blacklands, and North East Texas helped small grains, but some producers were waiting for fields to dry before continuing seeding or grazing. Rainfall also delayed field work in South Texas. Row Crops Cotton harvest was active in some areas of the Southern High Plains and the Northern Low Plains. In the Blacklands and the Southern Low Plains, cotton harvest was delayed slightly by rainfall. Corn harvest continued in the Northern and Southern High Plains. Producers in South East Texas halted cotton harvest due to the large amounts of rain received. Peanut harvest continued in South Texas. Fruit, Vegetable and Specialty Crops Chile harvest was underway in the Trans-Pecos. Citrus harvest was starting up in the Lower Valley, where producers were also harvesting cantaloupes and beginning to harvest sugarcane. In South Texas, cabbage made good progress and fall cantaloupes responded well to increased moisture. Wet conditions delayed some activities in South Texas, such as onion and spinach planting, and pecan harvest. Livestock, Range and Pasture Pastures and rangeland across the State benefitted greatly from recent rains. Some hay producers in the Upper Coast and South Texas expect to make another cutting. Stock tank water levels increased in areas of the Edwards Plateau and South Texas. Army worms were a concern for many producers across the State.

**UTAH:** Days Suitable For Field Work 6.7. Subsoil Moisture 14% very short, 28% short, 57% adequate, 1% surplus. Winter Wheat, Planted For Harvest Next Year 89%, 73% 2012, 85% avg. Winter Wheat emerged 59%. Winter Wheat Condition 0% very poor, 0% poor, 12% fair, 78% good, 10% excellent. Corn dent 95%. Corn mature 87%, 95% 2012, 84% avg. Corn harvested (grain) 48%, 55% 2012, 28% avg. Corn silage, harvested (silage) 97%, 96% 2012, 78% avg. Corn condition 0% very poor, 0% poor, 22% fair, 67% good, 11% excellent. Alfalfa Hay 4th Cutting 85%, 92% 2012, 81% avg. Onions harvested 85%, 96% 2012, 92% avg. Cattle and calves moved From Summer Range 84%, 86% 2012, 77% avg. Cattle and calves condition 0% very poor, 3% poor, 24% fair, 68% good, 5% excellent. Sheep and lambs moved From Summer Range 89%, 81% 2012, 78% avg. Sheep Condition 0% very poor, 0% poor, 24% fair, 69% good, 7% excellent. Stock Water Supplies 4% very short, 17% short, 79% adequate, 0% surplus. Apples harvested 75%, 77% 2012, 78% avg. Farmers in Box Elder County continued to work in fields, harvesting the remaining crops and preparing soil for a subsequent crop. In Cache County, most crops have been harvested for the 2013 growing season. Some growers still have hay in the field, safflower that is ready for harvest, and grain corn that is not quite mature. Good weather has allowed continued grazing in pastures in most areas of the State. In Box Elder County, corn producers continued to harvest grain corn. Moisture levels were dropping but some drying is still required to get the corn to a storable condition. Safflower harvest is progressing. Winter wheat is still being planted but most of it has been seeded and has emerged. Fall rains came in September and provided good moisture to plant in. Wheat looks fair to good at this point. Onion producers are all but done harvesting their crop and most fields had good yields and excellent quality onions. Winter wheat is mostly planted in Cache County, though emergence has been marginal because of dry soil conditions. Livestock producers in Box Elder County have moved most of the cattle and all of the sheep off summer ranges and back to fall pasture. Fall Pastures are short due to the continuing drought but rains in September and early October have provided a small amount of relief. Most cattle look good at this point. Cattle producers have been vaccinating and weaning calves in preparation for delivery to buyers. Range sheep producers have moved off of summer ranges and are mostly on crop residue fields. They will keep their sheep there to provide excellent nutrition to their ewes in preparation for breeding season in November. Most ranchers in Cache County are selling their calves. Dairy producers continue to struggle with high feed costs and marginal milk prices.
VIRGINIA: Days suitable for fieldwork 4.4. Topsoil moisture 7% short, 89% adequate, 4% surplus. Subsoil moisture 11% short, 84% adequate, 5% surplus. Livestock 1% poor, 10% fair, 66% good, 23% excellent. Other hay 2% very poor, 5% poor, 27% fair, 58% good, 8% excellent. Alfalfa hay 8% poor, 33% fair, 48% good, 11% excellent. Corn 82% harvested, 93% 2012, 85% 5-year avg. Corn silage harvested 94%, 98% 2012, 100% 5-year avg. Soybeans 4% poor, 24% fair, 61% good, 11% excellent. Soybeans dropping leaves 79%, 90% 2012, 84% 5-year avg. Soybeans harvested 11%, 19% 2012, 19% 5-year avg. Winter wheat 25% fair, 75% good. Winter wheat seeded 19%, 31% 2012, 31% 5-year avg. Winter wheat emerged 7%, 11% 2012, 10% 5-year avg. Barley 32% fair, 64% good, 4% excellent. Barley seeded 69%, 83% 2012, 78% 5-year avg. Flue cured tobacco harvested 97%, 94% 2012, 89% 5-year avg. Burley tobacco 100% harvested. All apples 2% poor, 5% fair, 91% good, 2% excellent. Fall apples harvested 82%, 99% 2012, 88% 5-year avg. Winter apples harvested 49%, 85% 2012, 70% 5-year avg. Grapes 4% very poor, 10% poor, 23% fair, 59% good, 4% excellent. Oats 40% fair, 60% good. Oats seeded 75%, 63% 2012, 68% 5-year avg. Overall, it was a slightly warmer than normal week for Virginia. Most areas experienced highs in 70’s and lows in the 40s to 50s. Scattered rain showers were prevalent for the week. Days suitable for fieldwork were 4.4. Although the weekly accumulated rainfall for most of the Commonwealth was less than one less of an inch, it was enough in combination with rain from the previous week to delay fieldwork. Corn harvest was slightly behind normal. The soybean harvest was about one week behind normal; in addition to the wet weather, a late spring planting contributed to the delay. Soybean growers were concerned about the yield potential for late season soybeans; a dry period in September lowered the expected yield. Small grain crops were being planted behind harvested fields. Other farming activities for the week included tending to fall calving, harvesting apples, and wrapping up the pumpkin, sweet potato, and cucumber harvest.

WASHINGTON: Days suitable for field work 6.6 days. Field Corn Field Corn Mature 75%, 72% last year, 69% five-year average. Field Corn Field Corn Harvested 45%, 38% last year, 32% five-year average. Field Corn Harvested for Silage Harvested for Silage 85%, 84% last year, 80% five-year average. Potatoes Harvested 90%, 88% last year, 87% five-year average. Alfalfa Hay Fourth Cutting 95%, 83% last year, 87% five-year average. Field Corn 0% Very Poor, 0% Poor, 30% Fair, 56% Good, 14% Excellent. Hay and other Roughage 1% Very Short, 12% Short, 79% Adequate, 8% Surplus. Irrigation Water Supply 0% Very Short, 1% Short, 97% Adequate, 2% Surplus. Subsoil Moisture 5% Very Short, 16% Short, 77% Adequate, 2% Surplus. Topsoil Moisture 1% Very Short, 9% Short, 80% Adequate, 10% Surplus. In Whitman County, conditions over the past week were nearly ideal for fall farming activities. The majority of fall planting was done with a good amount of the crop emerged and looking healthy. In Lincoln County, potato and field corn harvest were in full swing. In Adams County, there was reported crop loss of grain corn fields that had lodging due to wind damage. In Grays Harbor County, Christmas tree growers were busy tagging trees for wholesale sales. In the Yakima Valley, Daytime high temperatures over the past week were pleasant and ranged from the lower 60s to mid 70s throughout the week. Apple harvest continued with Jonagold and Honeycrisp varieties coming in from the upper Yakima Valley and Fuji, Red Delicious, Braeburn and Granny Smith coming in from the lower Valley. The overall quality of the apple crop this year is variable for long term storage. Most of the hops were harvested. Whatcom County reported wonderful fall weather with fresh market apple and pumpkin growers busy with sales of their harvest celebration activities. Raspberry growers continued to tie and prune vines and prep ground for spring plantings and new plantings that were going in for blueberries. In Pond Oreille and Spokane Counties, cattle were still out on pasture but will be coming off the range soon.

WEST VIRGINIA: Days suitable for fieldwork was 5. Topsoil moisture was 16% short, 78% adequate, and 6% surplus compared to 3% very short, 23% short, 73% adequate, and 1% surplus last year. Corn conditions were 13% fair, 80% good, and 7% excellent. Corn was 73% mature, 96% in 2012, 5-year avg. comparison data not available. Corn harvested for grain was 16%, 36% in 2012, and 45% 5-year avg. Soybean conditions were 1% poor, 27% fair, 71% good, and 1% excellent. Soybeans were 85% dropping leaves, 2012 and 5-year avg. comparison data not available. Soybeans were 9% harvested, 57% in 2012, and 52% 5-year avg. Winter wheat was 30% planted, 77% in 2012, and 78% 5-year avg. Winter wheat was 10% emerged, 49% in 2012, and 40% 5-year avg. Hay conditions were 1% very poor, 7% poor, 23% fair, 55% good, and 14% excellent. Hay third cutting was 64%, 90% in 2012, and 86% 5-year avg. Apples were 79% harvested, 95% in 2012, and
86% 5-year avg. Cattle and calves were 1% poor, 11% fair, 82% good, and 6% excellent. Sheep and lambs were 1% poor, 6% fair, 89% good, and 4% excellent. Farming activities included harvesting corn for grain, corn for silage, soybeans, and apples. Many farmers are preparing for winter.

**WISCONSIN:** Days suitable for field work 4.0. Topsoil moisture 7% very short, 20% short, 67% adequate, and 6% surplus. Subsoil moisture 15% very short, 30% short, 53% adequate, and 2% surplus. Fourth cutting hay 84%, 100% 2012, 90% avg. Corn silage harvested 83%, 100% 2012, 95% avg. Temperatures plunged this week, with overcast skies and drizzly rains. The western half of the State experienced a freeze this weekend and much of the east received frost as well. A few reporters in the far north noted snow showers on Sunday. This is in chilly contrast to the first two weeks of the month, when temperatures averaged 3 to 6 degrees above normal. That unusual late-season heat helped late planted crops to mature. Reporters noted that the lack of a killing frost has kept plants from drying down. Rains have also kept plant moistures high and fields muddy. Corn silage, high moisture corn, and soybeans were being harvested where conditions allowed, with variable yields reported. Across the reporting stations, average temperatures last week were 3 degrees below normal to normal. Average high temperatures ranged from 54 to 58 degrees, while average low temperatures ranged from 35 to 43 degrees. Precipitation totals ranged from 0.29 inches in Milwaukee to 0.90 inches in Eau Claire.

**WYOMING:** Days suitable for field work 4.0. Topsoil moisture 3% very short, 15% short, 74% adequate, 8% surplus. Subsoil moisture 7% very short, 28% short, 64% adequate, 1% surplus. Stock water supply 2% very short, 14% short, 79% adequate, 5% surplus. Winter Wheat condition 1% very poor, 5% poor, 23% fair, 54% good, 17% excellent; emerged 96%, 95% 2012, 96% avg. Corn condition 1% very poor, 5% poor, 23% fair, 54% good, 17% excellent; mature 95%, 95% 2012, 87% avg.; harvested 13%, 43% 2012, 28% avg. Corn silage harvested 95%, 98% 2012, 96% avg. Dry beans combined 76%, 96% 2012, 88% avg. Sugar beets condition 24% fair, 59% good, 17% excellent; harvested 45%, 76% 2012, 50% avg. Alfalfa third cutting 87%, 82% 2012, 82% avg. Converse County received the 4th snow of the season over the weekend. Lincoln County reported dry conditions after monsoon rains earlier in the season. High temperatures ranged from 45 degrees at Lake Yellowstone to 66 degrees in Torrington. Low temperatures ranged from 11 degrees in Lake Yellowstone to 28 degrees in Gillette. Average temperatures ranged from 29 degrees at Lake Yellowstone to 43 degrees in Torrington. Temperatures were below normal in all 33 reporting stations. Temperatures ranged from 4 degrees below normal in both Big Piney and Buford to 12 degrees below normal in Cody. All reporting stations reported some precipitation, ranging from 0.01 inch in Jackson Hole to 0.94 inch in Big Horn. Eighteen stations are reporting above normal precipitation for the year thus far.
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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