



Crop Progress - State Stories

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ALABAMA: Days suitable for fieldwork were 5.6. Topsoil moisture 0% very short, 14% short, 81% adequate, and 5% surplus. Corn mature 98%, 94% last week, 100% 2012, and 98% five-year average. Corn Harvested 64%, 44% last week, 93% 2012, and 79% five-year average. Corn condition 0% very poor, 1% poor, 5% fair, 49% good, and 45% excellent. Soybeans setting pods 93%, 85% last week, 100% 2012, and 99% five-year average. Soybeans dropping leaves 43%, 29% last week, 50% 2012, and 60% five-year average. Soybeans harvested 3%, 1% last week, 5% 2012, and 10% five-year average. Soybean condition 0% very poor, 1% poor, 10% fair, 67% good, and 22% excellent. Livestock condition 1% very poor, 1% poor, 12% fair, 68% good, and 18% excellent. Pasture and range condition 0% very poor, 3% poor, 19% fair, 64% good, and 14% excellent. The week's average mean temperatures ranged from 66.5°F in Lafayette, to 76.8°F in Mobile; total precipitation ranged from 0.02 inches in Birmingham, to 1.37 inches in Mobile. Rains that moved across Alabama over the previous weekend lingered early in the week bringing harvesting and most fieldwork to a halt. As dryer weather returned, field activities resumed. Temperatures across the state were slightly cooler. Corn condition remained good to excellent. Harvest continued to make good progress. Many producers were recording record yields which has slowed the pace in some areas and caused longer lines at the elevators. Soybean condition held at mostly good to excellent. Recent rains especially helped late planted soybeans that were still filling pods. Livestock condition continued to be rated mostly good to excellent. Pastures growth had slowed and began to show signs of stress due to the lack of rain and hot temperatures experienced in early September. However, with the recent rain and cooler nights that moved across the state, improvement was noted. Producers were still getting hay in and winter forage planting had begun.

ALASKA: Days suitable for fieldwork 3.0. Topsoil moisture 5% short, 95% adequate. Subsoil moisture 30% short, 70% adequate. Barley 100% harvested. Oats 100% harvested. Potato harvest 70% complete. Second cutting hay 80% complete. Main farm activities for the week were harvesting hay, potatoes and other vegetables, baling straw, fall tillage, preparing for winter.

ARIZONA: Temperatures were mostly below normal across the State for the week ending September 29, 2013, ranging from 10 degrees below normal at Kingman to normal temperatures at Tucson. The highest temperature of the week was 99 degrees recorded at various locations. The lowest reading was 21 degrees at the Grand Canyon. Four of the twenty-two weather stations recorded precipitation last week. Canyon De Chelly and Safford received the least precipitation at 0.04 inches and Flagstaff received the most at 0.19 inches. Seventeen 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). Sorghum harvest has started in Maricopa County. Dairies continue to work around the clock. Temperatures were starting to cool down 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 5.9. Topsoil moisture 4% very short, 36% short, 55% adequate, 5% surplus. Subsoil moisture 9% very short, 42% short, 47% adequate, 2% surplus. Corn 92% harvested, 100% 2012, 87% avg. Rice 94% ripe, 100% 2012, 92% avg. Soybeans 75% yellowing, 87% 2012, 73% avg.; 39% mature, 58% 2012, 38% avg. Most of the state received significant rainfall at the end of last week. By the end of last week, the major row crops were in mostly fair to good condition. Producers continued to harvest crops as weather permitted. Livestock were in mostly fair to good condition last week. Hay condition was mostly fair to good.

CALIFORNIA: A pair of Pacific weather systems passed through the State as a Fall-like pattern moved into place. A cold front associated with a low pressure system pushed through the Pacific Northwest and spread light rain across the northern tier of the State and as far south as the Central Sacramento Valley at Red Bluff. Temperatures ran below seasonal normal across Northern California as a result of this system. This system also affected Southern California with a switch to a cooler and moister onshore flow by Tuesday. The low pressure system moved out of the state on Thursday and a warming trend began as a northerly offshore flow started in the North. The offshore winds spread to Southern California by Friday and brought the first Santa Ana wind event of the season to that part of the State for the weekend. A frontal system from the Gulf of Alaska was beginning to spread clouds and rain on Sunday to the northwest corner of the State. Rice field harvest continued with nearly a third of the crop harvested. Reports noted that defoliating cotton was the main activity of the week in preparation for harvest. About three-quarters of the cotton bolls were open by week's end. Alfalfa growers continued to cut, windrow, rake and bale with good drying conditions across the State. Winter wheat field planting was underway. Reports noted other crops harvested included: garbanzo and other dry beans and corn for silage; while black-eyed pea fields were windrowed in preparation for harvest. Pomegranate harvest continued. Fig harvest was slowing. Pear harvest was nearly complete; Asian pear harvest continued. Prune harvest was finished. Apple harvest remained active, including the Fuji and Granny Smith varieties. Kiwifruit continued to size and growers prepared for harvest. Olive harvest was increasing. Avocado harvest was drawing to a close. Late variety peach, nectarine, and fresh plum harvests were nearly complete. Stone fruit orchards that had completed harvest were undergoing pruning, topping, and general orchard cleanup. Early persimmons continued to increase color. Raisin grapes that have completed the drying process were collected from the fields. Harvest of fresh grapes was in full swing. Wine grape harvest was ongoing. Citrus growers were preparing for the Navel orange harvest. Growers were monitoring the Red Scale flight. Lemon harvest was slowing. Almond harvest continued. Pistachio harvest was nearly complete. Walnut harvest was increasing. Tulare County reported bell and jalapeno peppers, melons, eggplant and squash harvest continued. Processing tomato harvest was winding down in Fresno County. Garlic and onions for processing were harvested. Madera County reported processing tomato harvest was complete. Bell and chile peppers, fresh market and processed tomatoes, pumpkin, cantaloupes, honeydew, and watermelon were harvested in Merced County. In Stanislaus County, cantaloupe and honeydew melons and tomatoes were harvested and broccoli was growing well. San Joaquin County reported harvest of vegetable row crops was winding down and pumpkins were harvested. San Mateo County reported Brussels sprouts were harvested. Tomato harvest was winding down while cantaloupe harvest was complete in Sutter County. Siskiyou County reported onion harvest was delayed as growers waited for drier soil. Range and non-irrigated pasture remained in fair to very poor condition. Some cattle were moved from higher range in early 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 4.8 days. Topsoil moisture 6% very short, 20% short, 69% adequate, 5% surplus. Subsoil moisture 24% very short, 32% short, 43% adequate, 1% surplus. San Luis Valley potatoes harvested 45%, 72% 2012, 56% avg, condition 1% poor, 27% fair, 70% good, 2% excellent. All Other potatoes harvested 95%, 99% 2012, 82% avg. Dry Beans cut 77%, 91% 2012, 79% avg, harvested 52%, 60% 2012, 52% avg, condition 20% very poor, 10% poor, 30% fair, 36% good, 4% excellent. Alfalfa 3rd cutting 86%, 99% 2012, 86% avg, 4th cutting 25%, 67% 2012, 31% avg, condition 15% very poor, 19% poor, 30% fair, 32% good, 4% excellent. Corn silage harvested 88%, 94% 2012, 83% avg. Dry onions harvested 60%, 79% 2012, 74% avg, condition 2% poor, 23% fair, 62% good, 13% excellent. Livestock condition 1% very poor, 7% poor, 30% fair, 51% good, 11% excellent. Sugarbeets harvested 9%, 18% 2012, 15% avg, condition 4% poor, 24% fair, 62% good, 10% excellent. Sunflowers condition 23% very poor, 11% poor, 31% fair, 30% good, 5% excellent. Soil saturated in parts of state from previous week's precipitation, delayed field activities. Overall crop maturity slowed due to cooler temperatures, some elevated areas received frost.

DELAWARE: Days suitable for fieldwork 6.5. Topsoil moisture 14% very short, 66% short, 20% adequate, 0% surplus. Subsoil moisture 8% very short, 65% short, 27% adequate, 0% surplus. Hay supplies 0% very short, 21% short, 72% adequate, 7% surplus. Other hay third cutting 100% this week, 99% last week, 93% last year, 89% average. Other hay fourth cutting 39% this week, 28% last week, 45% last year, 29% average. Alfalfa hay fourth cutting 74% this week, 68% last week, 93% last year, 64% average. Pasture condition 1%

very poor, 4% poor, 50% fair, 42% good, 3% excellent. Corn condition 3% very poor, 9% poor, 18% fair, 54% good, 16% excellent. Soybean condition 3% very poor, 13% poor, 23% fair, 45% good, 16% excellent. Corn mature 93% this week, 89% last week, 99% last year, 94% average. Corn harvested for grain 64% this week, 42% last week, 64% last year, 52% average. Soybeans turning color 57% this week, 36% last week, 67% last year, 68% average. Cucumbers harvested 100% this week, 99% last week, 100% last year, 99% average. Lima Beans harvested 81% this week, 69% last week, 92% last year, 89% average.

FLORIDA: Topsoil moisture 1% very short, 4% short, 71% adequate, 24% surplus. Subsoil moisture 2% very short, 2% short, 70% adequate, 26% surplus. Peanut condition 1% very poor, 3% poor, 36% fair, 55% good, 5% excellent. Peanut harvest 33% complete. Peanut harvest ongoing in drier areas, wet fields not harvesting. Cotton harvested Jackson County. Corn harvested Hamilton and Flagler counties. Hay harvested northern Florida. Bradford County preparing strawberry fields and planting greens, onions, broccoli. Cabbage planted Flagler County. Tomatoes, peppers planted Manatee County. DeSoto, Hardee counties planting tomatoes, strawberries. Pasture Condition 1% very poor, 4% poor, 20% fair, 60% good, 15% excellent. Cattle Condition 1% very poor, 1% poor, 13% fair, 70% good, 15% excellent. Statewide; flooding, pests, drought limited forage condition. Citrus growing area completely drought free. Grove activity included resetting new trees, young tree care, herbicide application, brush removal, psyllid control.

GEORGIA: Days suitable for fieldwork 5.4. Topsoil moisture 2% very short, 21% short, 72% adequate, 5% surplus. Subsoil moisture 1% very short, 18% short, 75% adequate, 6% surplus. Range and pasture 1% very poor, 8% poor, 39% fair, 45% good, 7% excellent. Corn harvested 93%, 96% 2012, 97% avg. Hay third cutting 46%, 83% 2012. Oats planted 7%, 11% 2012, 10% avg. Pecans 2% very poor, 11% poor, 36% fair, 43% good, 8% excellent. Rye planted 10%, 10% 2012, 11% avg. Sorghum 3% very poor, 10% poor, 41% fair, 38% good, 8% excellent. Sorghum harvested 44%, 36% 2012, 34% avg. Soybeans 2% very poor, 7% poor, 31% fair, 51% good, 9% excellent. Winter wheat planted 6%, 3% 2012, 3% avg. Precipitation estimates for the state ranged from no rain up to 2.5 inches. Average high temperatures ranged from the high 60s to the low 80s. Average low temperatures ranged from the low 50s to the high 60s.

HAWAII: Days suitable for fieldwork 7.0. Topsoil moisture 20% very short, 70% short, 10% adequate, 0% surplus. The average weekly total rainfall across the State was 0.81 inch of measurable precipitation. The total drought-free area in the State fell to 9.77 percent on September 24, 2013, compared to last week's 17.89 percent. All drought ratings rose compared to 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. State irrigation reservoir water levels in Oahu Island were unchanged on Friday, September 27, 2013, compared to the previous week's level. The state operated reservoir's capacity on Molokai Island was down 0.75 foot on Friday, September 27, 2013, compared to the previous week's level. The Hawaii County reservoir was down 6.5 feet on Friday, September 27, 2013, compared to the previous week's level, but voluntary 10 percent restrictions were unchanged from the previous Friday.

IDAHO: Days suitable 4.9. Topsoil moisture: 2% very short, 18% short, 77% adequate, 3% surplus. Field corn harvested for silage: 44%, 51% 2012, 43% avg. Onions harvested: 75%, 88% 2012, 81% avg. Potatoes harvested: 46%, 43% 2012, 34% avg. Oats harvested for grain: 95%, 100% 2012, 96% avg. Dry beans harvested: 55%, 91% 2012, 81% avg. Alfalfa hay 3rd cutting harvested: 90%, 96% 2012, 90% avg. Irrigation water supply: 17% very poor, 27% poor, 45% fair, 11% good, 0% excellent. Potato condition: 0% very poor, 2% poor, 32% fair, 50% good, 16% excellent. Range and pasture: 5% very poor, 25% poor, 38% fair, 27% good, 5% excellent. University of Idaho extension educators report rain showers have made fields difficult to work. Dry bean harvest and alfalfa cutting continues to be effected by rain. Dry Bean harvest is behind 26 percentage points of the five year average. Rain has made fall field preparation difficult to proceed.

ILLINOIS: Days suitable for fieldwork 6.4. Topsoil moisture 21% very short, 49% short, 30% adequate. Subsoil moisture 24% very short, 49% short, 30% adequate. Soybeans 88% turning yellow, 97% 2012, 89% avg.; Alfalfa 95% third cut, 95% 2012, 99% avg.; condition 4% very poor, 11% poor, 38% fair, 42% good, and 5% excellent. Above average temperatures and minimal precipitation last week allowed many producers to

continue harvesting corn, soybeans, and sorghum. Temperatures averaged 64.6 degrees for the week, 3.3 degrees above normal. Precipitation across the state averaged 0.28 inches, 0.47 inches below normal. Activities included scouting fields, corn and soybean and sorghum harvest, and mowing and baling hay.

INDIANA: Days suitable for fieldwork 6.2. Topsoil 9% very short, 37% short, 52% adequate, 2% surplus. Subsoil 14% very short, 39% short, 46% adequate, 1% surplus. Tobacco harvested 82% 2013, 82% 2012, 81% 5-yr avg. Moisture content of harvested corn 23%. Moisture content of harvested soybeans 13%. Temperatures ranged from 40 above normal to 30 below normal with a low of 360 and a high of 850. Precipitation ranged from 0.00 to 0.61 inches. Mild weather and little rain allowed more farmers to begin harvesting corn and soybeans across the state, according to the Indiana Field Office of USDA's National Agricultural Statistics Service. Harvesting of soybeans jumped slightly ahead of corn this week, with the corn harvest running about one week behind the 5-year average, as some farmers are giving corn more time to dry down. The fourth cutting of hay has begun or will begin shortly, with reports of hay in good condition. Winter wheat planting has also started in some parts of the state, and fall tillage and chemical applications are underway in fields that are open.

IOWA: Days suitable for fieldwork 5.9. Topsoil moisture 35% very short, 40% short, and 25% adequate. Subsoil moisture 41% very short, 39% short, and 20% adequate. Field corn moisture 28%, 19% 2012, 26% average. Field corn moisture at harvest 23%, 17% 2012, 22% average. Corn lodging 71% none, 22% light, 6% moderate, and 1% heavy. Corn ear droppage 82% none, 15% light, and 3% moderate. Soybeans turned color 88%, 98% 2012, 96% average. Soybeans lodging 86% none, 12% light, and 2% moderate. Soybeans shattering 86% none, 12% light, and 2% moderate. Mostly dry weather allowed the harvesting of corn and soybeans to both reach 5 percent complete during the week. Average precipitation was below normal, while average temperatures were above normal. Other activities for the week included chopping corn silage, harvesting seed corn, and cover crops being flown in.

KANSAS: Days Suitable for field work 6.0. Topsoil moisture 13% very short, 35% short, 50% adequate, 2% surplus. Subsoil moisture 21% very short, 37% short, 42% adequate, and 0% surplus. Sunflowers ray flowers dried 87%, 91% 2012, 87% avg. Sunflower turned yellow 71%, 81% 2012, 71% avg. Sunflowers turned brown 47%, 53% 2012, 33% avg. Sunflower conditions 8% very poor, 17% poor, 44% fair, 29% good, 2% excellent. Alfalfa fourth cutting 61%, 60% 2012, 68% avg. Stock water supplies 12% very short, 17% short, 68% adequate, 3% surplus. For the week ending September 29, 2013, temperatures averaged slightly warmer than normal, but damp conditions slowed corn harvest across most of the State. Some counties in northwest Kansas received more than an inch of rain, while most areas received around a half inch which was good moisture for newly seeded wheat.

KENTUCKY: Days suitable 5.8. Topsoil moisture 3% very short, 25% short, 66% adequate, 6% surplus. Subsoil moisture 2% very short, 22% short, 71% adequate, 5% surplus. Precipitation averaged 0.29 in., 0.56 in. below normal. Temperatures averaged 66 degrees, 1 degree warmer than normal. Soybeans mature 19%, 48% 2012, 43% avg. Burley tobacco cut 83%, 79% 2012, 85% avg. Dark tobacco cut 85%, 87% 2012, 85% avg. Condition of housed tobacco 1% very poor, 4% poor, 19% fair, 61% good, 15% excellent. Tobacco ready for stripping 10%. Tobacco already stripped 2%. Wheat seedings 3%, 6% 2012, 4% avg. This week consisted of drier conditions. Primary activities this week included harvesting tobacco and harvesting corn.

LOUISIANA: Days suitable for fieldwork, 5.4. Soil moisture 3% very short, 27% short, 60% adequate, 10% surplus. Corn dented 100% this week, 100% last week, 100% last year, n/a average; 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 3% this week, N/A% last week, 5% last year, 2% average; Pecans condition 3% very poor, 11% poor, 47% fair, 34% good, 5% excellent. Sugarcane planted 96% this week, 92% last week, 89% last year, 86% average; Sugarcane condition 2% very poor, 6% poor, 22% fair, 53% good, 17% excellent. Sweet Potatoes harvested 40% this week, 35% last week, 40% last year, 30% average; Sweet Potatoes condition 0% very poor, 1% poor, 24% fair, 75% good, 0% excellent. Winter Wheat planted 1% this week, N/A% last week, 1% last year, 3% average. Vegetables condition 2% very poor, 18% poor, 43% fair, 34% good, 3% excellent. Pasture condition 3% very poor, 16% poor, 44% fair, 33% good, 4% excellent. Livestock condition 1% very

poor, 6% poor, 34% fair, 51% good, 8% excellent. Not nearly as much rain as the previous week. The state average rainfall was .91 inches.

MARYLAND: Days suitable for fieldwork 7.0. Topsoil moisture 12% very short, 37% short, 50% adequate, 1% surplus. Subsoil moisture 10% very short, 33% short, 57% adequate, 0% surplus. Hay supplies 5% very short, 8% short, 77% adequate, 10% surplus. Other hay third cutting 93% this week, 87% last week, 83% last year, 80% average. Other hay fourth cutting 18% this week, 8% last week, 7% last year, 17% average. Alfalfa hay fourth cutting 60% this week, 51% last week, 95% last year, 69% average. Pasture condition 3% very poor, 7% poor, 29% fair, 53% good, 8% excellent. Corn condition 0% very poor, 1% poor, 8% fair, 58% good, 33% excellent. Soybean condition 1% very poor, 5% poor, 20% fair, 61% good, 13% excellent. Corn in the dent stage 100% this week, 96% last week, 99% last year, 98% average. Corn mature 95% this week, 70% last week, 94% last year, 89% average. Corn harvested for grain 44% this week, 30% last week, 50% last year, 47% average. Soybeans turning color 60% this week, 48% last week, 74% last year, 68% average. Cucumbers harvested 97% this week, 95% last week, 100% last year, 99% average. Lima beans harvested 86% this week, 83% last week, 92% last year, 87% average. Snap beans harvested 98% this week, 97% last week, 100% last year, 99% average. Sweet Corn harvested 98% this week, 96% last week, 99% last year, 98% average. Watermelons harvested 97% this week, 94% last week, 99% last year, 99% average.

MICHIGAN: Days suitable for fieldwork 6. Topsoil 8% very short, 35% short, 56% adequate, 1% surplus. Subsoil 10% very short, 38% short, 51% adequate, 1% surplus. Soybeans turning 95%, 99% 2012, 94% avg. Soybeans mature 30%, N/A 2012, N/A avg. All hay 3% very poor, 11% poor, 31% fair, 43% good, 12% excellent. Third cutting hay 92%, 91% 2012, 87% avg. Fourth cutting hay 36%, 45% 2012, 38% avg. Dry beans 5% very poor, 8% poor, 29% fair, 52% good, 6% excellent. Dry beans dropping leaves 99%, 100% 2012, 93% avg. Dry beans mature 61%, N/A% 2012, N/A avg. Dry beans harvested 32%, 60% 2012, 51% avg. One day of measurable rain was not enough to alleviate conditions and soil moisture remains below historical averages. Corn harvest for silage (including grain corn damaged by frost) is well under way but grain corn is still maturing and is behind schedule. Grain corn that has been harvested currently holds 25-30% moisture. Soybeans have mostly dropped their leaves and are already beginning to be harvested in select areas. Wheat is being planted following soybean harvest, but germination will be hindered by the dry conditions. Sugar beets are similarly slightly behind schedule due to hard and dry ground. Conditions for pasture and for hay are fairly good, and the fourth cutting of hay is in progress and on schedule.

MINNESOTA: Days suitable for fieldwork 5.6. Topsoil moisture 17% Very Short, 35% Short, 48% Adequate. Subsoil moisture 21% Very Short, 42% Short, 37% Adequate. Corn Silage harvested 88%, 100% 2012, 87% average. Soybeans, percent moisture 14%, 10% 2012. Sweet corn harvested 95%, 100% 2012, 96% average. Canola harvested 64%, 100% 2012, 94% average. Dry beans, leaves yellow 96%, 100% 2012. Dry beans, dropping leaves 90%, 100% 2012. Dry beans, harvested 59%, 92% 2012, 72% avg. Potatoes, harvested 70%, 81% 2012, 66% average. Alfalfa, third cutting 95%. Sugarbeets condition 1% very poor, 4% poor, 23% fair, 62% good and 10% excellent. Sunflowers condition 3% poor, 43% fair, 48% good and 6% excellent.

MISSISSIPPI: Days suitable for fieldwork 4.8. Soil moisture 2% very short, 7% short, 76% adequate, 15% surplus. Corn harvested 93%, 99% 2012, 93% avg. Hay-warm season hay harvested 99%, 97% 2012, 96% avg. Hay - warm season 0% very poor, 5% poor, 61% fair, 31% good, 3% excellent. Rice mature 81%, 100% 2012, 99% avg. Sorghum mature 95%, 100% 2012, 99% avg. Sorghum harvested 50%, 91% 2012, 82% avg. Sorghum 0% very poor, 0% poor, 17% fair, 66% good, 17% excellent. Soybeans turning color 90%, 98% 2012, 93% avg. Sweet potatoes harvested 35%, 49% 2012, 48% avg. Sweet potatoes 1% very poor, 1% poor, 11% fair, 72% good, 15% excellent. Winter wheat planted 7%, 5% 2012, 7% avg. Winter wheat emerged 0%, 1% 2012, 3% avg. Livestock condition 0% very poor, 3% poor, 21% fair, 71% good, 5% excellent. Recent showers have helped our soil moisture levels return to adequate levels. Cotton looks good and boll opener is being applied. Peanuts will continue to be dug this week.

MISSOURI: Days suitable for fieldwork 5.6. Topsoil moisture 15% very short, 41% short, 43% adequate, 1% surplus. Subsoil moisture supply 24% very short, 43% short, 33% adequate. Supply of hay and other roughages 1% very short, 9% short, 78% adequate, 12% surplus. Stock water supplies 2% very short, 17% short, 79% adequate, 2% surplus. Corn moisture at harvest 19.3%, 15.2% 2012. Fall tillage 7%, 27% 2012,

11% avg. The State experienced above average temperatures and scattered showers last week. Temperatures were 3 degrees to 7 degrees above average across the state. Precipitation averaged 0.51 of an inch statewide. The southeast district reported 0.83 inches. New Madrid County reported 2.35 inches.

MONTANA: Days suitable for field work 5.0, 6.9 last year. Topsoil moisture 6% very short, 71% last year; 22% short, 25% last year; 69% adequate, 4% last year; 3% surplus, 0% last year. Subsoil moisture 7% very short, 63% last year; 29% short, 30% last year; 62% adequate, 7% last year; 2% surplus, 0% last year. Corn harvested for grain 2%, 8% last year. Corn chopped for silage 57%, 69% last year. Corn condition 3% very poor, 4% last year; 5% poor, 14% last year; 34% fair, 27% last year; 37% good, 37% last year; 21% excellent, 18% last year. Alfalfa hay harvested – second cutting 93%, 100% last year. Other hay harvested – second cutting 90%, 100% last year. Lentils harvested 86%, 100% last year. Oats harvested 95%, 100% last year. Potatoes harvested 32%, 47% last year. Potatoes condition 11% very poor, 0% last year; 8% poor, 3% last year; 29% fair, 27% last year; 28% good, 54% last year; 24% excellent, 16% last year. Sugar beets harvested 4%, 12% last year. Sugar beets condition 0% very poor, 5% last year; 9% poor, 5% last year; 33% fair, 26% last year; 42% good, 57% last year; 16% excellent, 7% last year. Durum wheat harvested 58%, 100% last year. Durum wheat condition 23% very poor, 33% poor, 25% fair, 18% good, 1% excellent. Spring wheat harvested 91%, 100% last year. Winter wheat planted 71%, 52% last year. Winter wheat emerged 22%, 4% last year. Range and pasture feed condition 5% very poor, 47% last year; 12% poor, 30% last year; 33% fair, 18% last year; 44% good, 5% last year; 6% excellent, 0% last year. Livestock moved from summer ranges – cattle & calves 33%, 47% last year. Livestock moved from summer ranges – sheep & lambs 48%, 56% last year. The week ending September 29 brought cool temperatures and rain to Montana. Neihart received the highest amount of precipitation for the week with 1.96 inches of moisture. Most other stations reported receiving 0.03 to 1.71 inches of precipitation. High temperatures ranged from the upper 50s to lower 80s, with the state-wide high temperature of 86 degrees recorded at Albion. A majority of stations reported lows in the upper teens to the upper 30s with the coldest being Wisdom at 17 degrees.

NEBRASKA: Days suitable for fieldwork 5.5 days. Topsoil moisture 16% very short, 36% short, 48% adequate, 0% surplus. Subsoil moisture 28% very short, 42% short, 30% adequate, 0% surplus. Corn irrigated condition 82% good or excellent. Corn dryland condition 39% good or excellent. Proso millet harvested 79%, 76% 2012, 58% avg. Dry Bean harvested 71% 62% 2012, 62% avg. Alfalfa fourth cutting 76%, 86% 2012, 78% average. Stock water supplies rated 8% very short, 20% short, 72% adequate, 0% surplus. For the week ending September 29, 2013, warm, windy conditions again were experienced during the week. Rainfall of an inch or more across much of the Panhandle as well as central counties slowed winter wheat seeding but improved overall prospects. Soybean harvest was active in southern counties and high moisture corn was being taken for delivery to feedlots and ethanol producers. Widespread corn harvest was limited due to high grain moisture levels.

NEVADA: 6.0. Annual grasses continued to green, signaling replenishment of soil moisture. Pasture, range, and stock water supplies, however, remained mostly short. Hay crop conditions varied widely but were generally good for end of the season. Alfalfa fourth cutting, where available, was in full swing. Sixth and final alfalfa cutting was completed in southern Clark County. Other hay cutting was virtually complete. Row crops were in mostly good condition. Corn silage harvest was progressing rapidly, as was potato harvest. Onion harvest was well along with good to excellent crop conditions reported. Mint was windrowed and the crop was in very good condition. Most livestock were on home pastures and range. Some ranchers were already providing supplemental feeding to livestock and hay was being bought and stored for winter. Main farm and ranch activities included the harvesting of hay, corn silage, potatoes, onions, and mint. Calves were being sorted and weaned and loads continued to be shipped out-of-state for feeding.

NEW ENGLAND: Days suitable for fieldwork 6.5. Topsoil moisture 10% short, 82% adequate, 8% surplus. Subsoil moisture 8% short, 85% adequate, 7% surplus. Pasture condition 6% poor, 18% fair, 56% good, 20% excellent. Maine Barley 95% harvested, 100% 2012, 100% avg. Maine Oats 90% harvested, 100% 2012, 99% avg. Maine Potatoes 45% harvested, 45% 2012, 40% avg, condition 14% fair, 23% good, 63% excellent. Massachusetts Potatoes 70% harvested, 50% 2012, 75% avg, condition 20% fair, 80% good. Rhode Island Potatoes 60% harvested, 60% 2012, 75% avg, condition 75% good, 25% excellent. Field Corn 50% harvested, 50% 2012, 50% avg, condition 6% very poor, 8% poor, 16% fair, 64% good, 6% excellent. Sweet Corn 95%

harvested, 99% 2012, 95% avg. Second Crop Hay 95% harvested, 99% 2012, 99% avg. Third Crop Hay 70% harvested, 75% 2012, 75% avg. Apples 55% harvested, 60% 2012, 60% avg, fruit size 3% below avg, 69% avg, 28% above avg, condition 2% poor, 9% fair, 56% good, 33% excellent. Peaches 100% harvested, 100% 2012, 100% avg. Pears 75% harvested, 75% 2012, 80% avg, fruit size 99% avg, 1% above avg, condition 16% poor, 1% fair, 53% good, 30% excellent. Massachusetts Cranberries 5% harvested, 10% 2012, 15% avg, fruit size 20% below avg, 70% avg, 10% above avg, condition 5% fair, 85% good, 10% excellent. The week saw fairly consistent and seasonal temperatures throughout the week. Morning fog protected crops from frosts on coolest nights. Average temperatures across the six states ranged from 4 degrees below normal to less than 1 degree above normal. Rainfall this week was limited to northeastern Maine as the other five New England states received less than a tenth of an inch in average. Average precipitation across the six states ranged 0.02 to 0.53 inches. Crops harvested included silage corn, hay, haylage, small grains, potatoes, various summer and fall vegetables, apples, pears, cranberries, and other fruits. Other field activities included irrigating, fertilizing, cleaning fields, planting cover crops, monitoring for pests, and spraying as needed.

NEW JERSEY: Days suitable for field work 7.0. Topsoil moisture 3% very short, 27% short, 69% adequate, 1% surplus. Subsoil moisture 8% short, 88% adequate, 4% surplus. Pasture and range condition 1% very poor, 2% poor, 11% fair, 65% good, 21% excellent. Cranberry harvesting has begun. Grape and apple harvesting are well underway. Cranberries and broccoli are in good condition. Cucumbers, sweet corn, eggplant, and pumpkins are in mostly good condition. Peppers and fresh market tomatoes are in mostly fair to good condition. In Gloucester County, producers are harvesting early planted sweet potatoes with good yields, but Anthracnose fruit rot is attacking the county's peppers due to excessive rain.

NEW MEXICO: Days suitable for fieldwork 7.0. Topsoil moisture 22% very short, 32% short, 44% adequate and 2% surplus. Wind damage 12% light and 7% moderate. Alfalfa 1% very poor, 13% poor, 21% fair and 65% good; 88% fifth cutting complete; 31% sixth cutting complete. Cotton 3% very poor, 25% poor, 31% fair, 20% good and 21% excellent; 50% bolls opening. Corn 5% very poor, 15% poor, 30% fair, 40% good and 10% excellent; 100% dough; 90% dent; 55% mature; 75% Silage harvested; 4% grain harvested. Irrigated Sorghum 5% poor, 25% fair, 40% good and 30% excellent; 75% coloring; 6% mature. Dryland Sorghum 10% poor, 40% fair, 40% good and 10% excellent; 98% headed; 65% coloring; 7% mature. Total Sorghum 8% poor, 35% fair, 40% good and 17% excellent; 99% headed; 69% turning color; 7% mature. Lettuce 100% planted. Chile 3% poor, 15% fair and 82% good; 95% harvested green. Pecans 1% poor, 15% fair, 48% good and 36% excellent. Peanut harvest 15% complete. Cattle condition 4% very poor, 19% poor, 35% fair, 40% good and 2% excellent. Sheep condition 19% very poor, 29% poor, 32% fair and 20% good. Range and pasture condition 15% very poor, 30% poor, 33% fair, 14% good and 8% excellent. A Pacific front came through dropping temperatures in some areas 3 to 10 degrees and creating a few showers. Areas that received precipitation were: Cuba 1.39 inches, Red River 1.10 inches, Chama 1.09 inches and Santa Fe 0.38 inches. .

NEW YORK: Days suitable for fieldwork 6.1. Soil moisture 3% short, 83% adequate, 14% surplus. Oats for grain 100% harvested, 100% in 2012, 100% average. Hay crops 2% poor, 21% fair, 63% good, 14% excellent. Third alfalfa cutting 92% complete, 87% in 2012, 91% average. Third clover timothy cutting 83% complete, 82% in 2012, 81% average. Soybeans 3% poor, 16% fair, 51% good, 30% excellent. Soybeans 2% harvested, 11% in 2012, 6% average. Potatoes 79% harvested, 72% in 2012, 67% average. Corn 5% poor, 16% fair, 50% good, 29% excellent. Silage corn 51% harvested, 69% in 2012, 55% average. Corn for grain 2% harvested, 8% in 2012, 4% five year average. Sweet corn 97% harvested, 99% in 2012, 95% average. Sweet corn 4% poor, 12% fair, 60% good, 24% excellent. Onions 81% harvested, 95% in 2012, 86% average. Onions 9% poor, 42% fair, 39% good, 10% excellent. Snap beans 90% harvested, 90% in 2012, 92% average. Snap beans 2% poor, 29% fair, 66% good, 3% excellent. Cabbage 85% harvested, 91% in 2012, 84% average. Cabbage 27% poor, 31% fair, 21% good, 21% excellent. Apples 53% harvested, 76% in 2012, 56% average. Apples 6% fair, 61% good, 33% excellent. Grapes were 50% harvested, 63% 2012 and 46% average. Grapes 1% fair, 41% good, 58% excellent. Pears 71% harvested, 96% in 2012, 93% average. Pears 4% poor, 15% fair, 67% good, 14% excellent. Range and pasture condition 1% very poor, 13% poor, 21% fair, 57% good, 8% excellent. Rainfall for the state ranged from none to 0.98 inches. Temperatures ranged from a low of 31 to a high of 75.

NORTH CAROLINA: There were 6.0 days suitable for field work for the week ending September 29th same as for last week ending September 22nd. Statewide soil moisture levels were rated at 1% very short, 31% short, 63% adequate and 5% surplus. The state received little precipitation this week along with average temperatures remaining slightly below normal. Sweet potato harvest moved in-line with the last year average and the 5-year average this week. Corn and tobacco harvest remain in line as well. Peanut harvest is now underway and should continue to progress well this week if the weather remains dry. Small grain plantings are also beginning in earnest and were aided by the dry conditions this week.

NORTH DAKOTA: Days suitable for fieldwork were 4.7. Topsoil moisture 4% very short, 14% short, 74% adequate, 8% surplus. Subsoil moisture 5% very short, 18% short, 72% adequate, 5% surplus. Durum wheat harvested 83%, 100% 2012, 92% average. Canola harvested 85%, 100% 2012, 94% average. Flaxseed harvested 65%, 100% 2012, 80% average. Sugarbeets condition 0% very poor, 5% poor, 32% fair, 54% good, and 9% excellent. Potatoes vines killed 87%, 100% 2012, 92% average. Potatoes dug 36%, 70% 2012, 54% average. Potatoes condition 4% very poor, 12% poor, 41% fair, 38% good, and 5% excellent. Dry Edible Beans dropping leaves 97%, 100% 2012, 95% average. Dry Edible Beans harvested 53%, 94% 2012, 54% average. Dry Edible Beans condition 2% very poor, 9% poor, 38% fair, 44% good, and 7% excellent. Lentils harvested 93%, 100% 2012, 99% average. Sunflower ray flowers dry 95%, 100% 2012, 99% average. Sunflower bracts yellow 70%, 100% 2012, 92% average. Sunflower bracts brown 28%, 90% 2012, 58% average. Sunflower condition 1% very poor, 5% poor, 21% fair, 55% good, and 18% excellent. Stock water supplies 1% very short, 6% short, 89% adequate, and 4% surplus. Almost all areas across the state received at least one-half inch of rainfall last week. This moisture occurred primarily the latter part of the week and continued to delay the harvest of remaining small grains. Temperatures remained warm with the eastern half 6 to 10 degrees above normal and the western half normal to 4 degrees above. Frost has been very limited so far this fall. This has allowed the late planted row crops to reach full maturity in most areas.

OHIO: Days suitable for fieldwork 6. Topsoil 3% very short, 26% short, 69% adequate, 2% surplus. Subsoil 4% very short, 32% short, 62% adequate, 2% surplus. All hay 4% very poor, 7% poor, 28% fair, 51% good, 10% excellent. Third cutting hay 95%, NA 2012, NA avg. Fourth cutting hay 50%, NA 2012, NA avg. With precipitation this week largely limited to mist and light rains, conditions around the state were conducive to fieldwork. Producers harvested early planted and early maturing corn for grain and soybeans, and most growers are preparing for major harvesting to begin soon. The moisture content of harvested corn averaged 23 percent, and the moisture content of harvested soybeans averaged 14 percent. Corn for silage harvest is nearly complete in some areas. Some producers are planting winter wheat in available fields, though progress will be limited until a more significant amount of grain harvesting occurs. Other activities included manure disposition, hay baling, and fall tillage.

OKLAHOMA: Days suitable for fieldwork 6.0. Topsoil moisture 21% very short, 32% short, 45% adequate, 2% surplus. Subsoil moisture 28% very short, 37% short, 34% adequate, 1% surplus. Wheat seedbed prepared 84% this week, 75% last week, 84% last year, 85% average. Rye seedbed prepared 83% this week, 58% last week, 90% last year, 89% average; planted 51% this week, 20% last week, 53% last year, 56% average; emerged 16% this week, n/a last week, 23% last year, 28% average. Oats seedbed prepared 65% this week, 60% last week, 67% last year, 66% average; planted 6% this week, n/a last week, 11% last year, 13% average. Canola seedbed prepared 89% this week, 76% last week, 89% last year, n/a average; planted 44% this week, 14% last week, 46% last year, n/a average; emerged 5% this week, n/a last week, 7% last year, n/a average. Corn condition 1% poor, 24% fair, 60% good, 15% excellent; mature 98% this week, 92% last week, 97% last year, 92% average; harvested 57% this week, 42% last week, 77% last year, 65% average. Soybeans condition 6% poor, 28% fair, 57% good, 9% excellent; mature 35% this week, 22% last week, 29% last year, 30% average; harvested 8% this week, n/a last week, 7% last year, 8% average. Peanuts mature 62% this week, 50% last week, 63% last year, 56% average; dug 8% this week, 5% last week, 5% last year, 8% average. Alfalfa hay condition 6% very poor, 10% poor, 34% fair, 46% good, 4% excellent; 4th cutting 78% this week, 77% last week, 52% last year, 66% average; 5th cutting 18% this week, 12% last week, n/a last year, n/a average. Other hay condition 6% very poor, 9% poor, 35% fair, 45% good, 5% excellent; 2nd cutting 82% this week, 79% last week, 64% last year, 69% average. Livestock condition 4% poor, 27% fair, 59% good, 10% excellent. Pasture and range condition 8% very poor, 15% poor, 36% fair, 37% good, 4%

excellent. Widespread rainfall began Friday night and continued Saturday, resulting in 1.2 inches on average for the week, statewide. The heaviest totals were across northern Oklahoma and into southeastern Oklahoma. Planting of small grains and canola made significant progress before the weekend rainfall, and continued with the additional moisture received. Small portions of wheat, rye and canola were reported as emerged by the end of the week. Harvest of single-crop soybeans had begun on track with the five-year average, and corn and sorghum harvest continued.

OREGON: Days suitable for fieldwork 4 days. Range and Pasture: 11% Very Poor, 30% Poor, 41% Fair, 16% Good, 2% Excellent. Range and Pasture: 11% Very Poor, 30% Poor, 41% Fair, 16% Good, 2% Excellent. Subsoil Moisture: 7% Very Short, 34% Short, 57% Adequate, 2% Surplus. Subsoil Moisture: 7% Very Short, 34% Short, 57% Adequate, 2% Surplus. Topsoil Moisture: 2% Very Short, 24% Short, 52% Adequate, 22% Surplus. Topsoil Moisture: 2% Very Short, 24% Short, 52% Adequate, 22% Surplus. Alfalfa Hay 3rd cutting: 95%, 89% 2012, 92% avg. Winter Wheat Planted: 22%, 26% 2012, 32% avg. Winter Wheat Emerged: 5%, 0% 2012, 5% avg. Weather: The temperatures were below average in all of the regions in Oregon. South Central Oregon had temperatures that were much colder than normal. All of the regions experienced above average precipitation. Cumulative precipitation was still below average in most parts of Oregon. The high temperatures for the state ranged from the mid-70's in North Central and Southeastern Oregon to the low-60's in the Coastal and Willamette Valley Regions. The low temperatures for the state ranged from the low-20's in South Central Oregon to the high-40's in the Willamette Valley and North Central Regions. Field Crops: In Lane County late field corn harvest was nearing completion with late harvest being a bit challenging to some growers. Wheat has been planted earlier than normal. Grass fields were sprouting nicely. In Washington County winter wheat planting was ongoing, as weather permits. Field corn was ready to ensile. Unseasonable weather was slowing harvesting and planting. In Klamath County potato harvest was underway. Some producers were still trying to harvest grain and bale hay. In Sherman County seeding had started but only minor amounts. In Umatilla County wet weather had delayed and hindered winter wheat planting. In Union and Baker Counties seed potato harvest was nearly completed. Fruits and Nuts: In Douglas County apple and pear harvest was delayed due to heavy rains. In Lane County filbert growers were preparing harvesting equipment with nut drop underway in most orchards. Hazelnut harvest continued ahead of the rain this weekend. Pears were nearly done and some late apples were harvested. Tomatoes were still doing well. In Washington County everbearing strawberries were at farmers' markets. Filbert harvest was ongoing. Walnuts were getting ready to drop. Wine grapes were being picked and processed for wine. In Yamhill County hazelnut harvest was underway. In Hood River County, winter pear harvest continued in mid and upper Hood River Valley orchards with rain interrupting harvest on several days. Nurseries and Greenhouses: In Washington County some producers were burning culled nursery material. Vegetables: In Josephine County there were a lot of garden vegetables left to be harvested. In Lane County sweet corn harvest was nearing completion. In Washington County acorn squash, pumpkins, and all squash were harvested. Livestock, Range and Pasture: In Washington County some calving occurred, all in good shape. In Malheur County the rainfall did not help range conditions very much..

PENNSYLVANIA: Days suitable for fieldwork, 6. Soil moisture; 14% very short, 24% short, 55% adequate and 7% surplus. Fall plowing; 63% this week, 48% last week, 51% last year, and 40% average. Corn dent; 97% this week, 88% last week, 95% last year, and 91% average. Corn mature; 72% this week, 48% last week, 77% last year, and 60% average. Corn harvested; 21% this week, 11% last week, 17% last year, and 19% average. Corn for silage harvested; 80% this week, 58% last week, 86% last year, and 75% average. Barley planted; 79% this week, 55% last week, 46% last year, and 43% average. Barley emerged; 20% this week, 0% last week, 23% last year, and 23% average. Winter Wheat planted; 47% this week, 29% last week, 35% last year, and 22% average. Soybeans harvested; 13% this week, 3% last week, 6% last year, and 6% average. Potatoes harvested; 90% this week, 77% last week, 87% last year, and 69% average. Alfalfa fourth cutting; 81% this week, 69% last week, 88% last year, and 76% average. Apples harvested; 79% this week, 69% last week, and 84% last year, and 67% average. Grape harvested; 25% this week, 20% last week, and 80% last year, and 43% average. Corn conditions; 1% very poor, 2% poor, 7% fair, 43% good, 47% excellent. Soybean conditions; 0% very poor, 1% poor, 11% fair, 55% good, 33% excellent. Pasture conditions are; 4% very poor, 16% poor, 37% fair, 33% good and 10% 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.

SOUTH CAROLINA: Days suitable for fieldwork 6. Soil moisture 2% very short, 30% short, 67% adequate, 1% surplus. Soybeans 3% very poor, 12% poor, 40% fair, 43% good, 2% excellent. Livestock condition 0% very poor, 0% poor, 16% fair, 82% good, 2% excellent. Corn harvested 95%, 96% 2012, 96% avg. Soybeans bloomed 98%, 99% 2012, 100% avg. Soybeans pods set 89%, 94% 2012, 97% avg. Soybeans leaves turning color 25%, 31% 2012, 30% avg. Soybeans leaves dropped 9%, 5% 2012, 10% avg. Soybeans mature 6%, 4% 2012, 4% avg. Cotton bolls set 98%, 100% 2012, 100% avg. Winter wheat planted 0%, 15% 2012, 11% avg. Oats planted 0%, 1% 2012, 2% avg. Tobacco harvested 100%, 100% 2012, 100% avg. Tobacco stalks destroyed 67%, 87% 2012, 85% avg. Winter grazings planted 38%, 26% 2012, 27% avg. Winter grazings emerged 8%, 7% 2012, 3% avg. Cool mornings and sunny fall days prevailed for the majority of the week, enabling farmers to continue with their harvesting activities and fall plantings. The state average temperature for the week was two degrees below the long term average. By mid-week much needed showers fell across the majority of the state. The average rainfall for the week was 0.7 inches.

SOUTH DAKOTA: Days suitable for fieldwork 5.8. Topsoil moisture 12% very short, 44% short, 43% adequate, 1% surplus. Subsoil moisture 20% very short, 46% short, 33% adequate, 1% surplus. Sunflower ray flowers dry 97%, 100% 2012, 98% average. Sunflower bracts yellow 87%, 95% 2012, 88% average. Sunflower bracts brown 50%, 81% 2012, 39% average. Sunflower condition 2% very poor, 16% poor, 25% fair, 50% good, 7% excellent. 3rd cutting of alfalfa 90% complete, 96% 2012, 88% average. Alfalfa hay condition 1% very poor, 7% poor, 38% fair, 46% good, 8% excellent. Stock water supplies 6% very short, 27% short, 64% adequate, 3% surplus. Above normal temperatures were recorded across most areas of the state. Row crop harvest was underway in most areas.

TENNESSEE: Days suitable 5.5. Topsoil moisture, 19% short, 76% adequate, 5% surplus. Subsoil moisture 18% short, 79% adequate, 3% surplus. Field crop harvest slowed by rain. Other activities included preparation for wheat seedings. Crops were rated good-to-excellent. Despite rains, weather pasture conditions increased only slightly.

TEXAS: The majority of producers had their wheat seeded before additional rainfall was received this past weekend. Early seeded wheat benefitted greatly from recent precipitation. Producers in the Northern Plains and the Cross Timbers were seeing good stands. Grasshoppers were causing damage to newly seeded wheat in the Cross Timbers and rye in the Blacklands. Small grain seeding progressed rapidly as producers took advantage of recent precipitation. Row Crops: Corn harvest was in full swing across the state. Cotton harvest in South Central Texas was nearly completed. Producers in South East Texas halted cotton harvest due to the large amounts of rain received. Cotton in the Northern and Southern Plains progressed, but remained slightly behind normal. A few producers in the Northern Low Plains began dryland cotton harvest, but expected to be in full swing within the next 2 weeks. Grain sorghum continued to mature and producers were preparing for harvest in the Northern High Plains. The harvest of grain sorghum in the Edwards Plateau was winding down with the exception of a few late planted fields. Sorghum, soybeans, corn and sunflowers have all been harvested in the Blacklands. Producers in the Northern Low Plains, Southern High Plains and South Texas were preparing for peanut harvest. Fruit, Vegetable and Specialty Crops: Potato and pumpkin harvest continued in the Northern High Plains, while producers in the Southern High Plains began to harvest peas. Sesame harvest in the Coastal Bend was nearly complete. Livestock, Range and Pasture: North East Texas receives as much as 6 to 8 inches of rain this past week. Ponds and creeks benefitted greatly from the recent precipitation. There were reports of armyworm, and grasshopper activity in North East and South East Texas. Pastures and rangeland in the Northern Low Plains were still in need of additional moisture. Livestock was in good condition; however, some supplemental feedings took place. Producers continued to wean and sell calves and cull cows.

UTAH: Days Suitable For Field Work 6. Subsoil Moisture 5% very short, 41% short, 54% adequate, 0% surplus. Irrigation Water Supplies 17% very short, 43% short, 40% adequate, 0% surplus. Winter Wheat, Planted For Harvest Next Year 73%, 45% 2012, 62% avg. Winter Wheat emerged 40%. Corn dent 91%, 89% 2012, 79% avg. Corn mature 65%, 63% 2012, 46% avg. Corn harvested (grain) 16%, 14% 2012, 5% avg. Corn

silage, harvested (silage) 58%, 61% 2012, 34% avg. Corn condition 0% very poor, 0% poor, 21% fair, 67% good, 12% excellent. Alfalfa Hay 3rd Cutting 93%, 95% 2012, 89% avg. Alfalfa Hay 4th Cutting 30%, 42% 2012, 18% avg. Onions harvested 40%, 69% 2012, 54% avg. Cattle and calves moved From Summer Range 35%, 35% 2012, 30% avg. Cattle and calves condition 0% very poor, 2% poor, 23% fair, 73% good, 2% excellent. Sheep and lambs moved From Summer Range 36%, 35% 2012, 34% avg. Sheep Condition 0% very poor, 0% poor, 23% fair, 73% good, 4% excellent. Stock Water Supplies 2% very short, 27% short, 71% adequate, 0% surplus. Apples harvested 25%, 48% 2012, 39% avg. Peaches harvested 90%, 87% 2012, 87% avg. Farmers continued to harvest alfalfa hay, corn silage and safflower last week in Box Elder County despite a storm that brought a little precipitation on Wednesday and Thursday. Alfalfa hay is getting harder to dry with the cooler temperatures and shorter days. In Summit County, freezing temperatures slowed crop growth, and farmers were wrapping up their fall farm work.

Most all of the silage corn in Box Elder County has been chopped and put into the silage pits and some grain corn has been harvested as high moisture. It is also being ground and put into silage facilities at this point. All of the corn is mature and starting to dry down. Some corn producers have dryers so they will begin to put their corn through the dryers to get it to storable moisture levels. The safflower harvest is underway but has been stalled because of showers. Some safflower producers are concerned that the harvest could be dangerously delayed because of weather. The onion harvest is underway and yields look good but again, the weather could delay harvest until frost becomes a problem with the onions. Corn silage, onion and alfalfa fourth cutting are all underway in Weber County. They should be mostly done in a week.

Livestock producers in Box Elder County are in the process of gathering livestock from summer ranges and transporting them to fall pastures. Many of the fall pastures in the county are lacking in feed and producers are making decisions about how to provide feed to their livestock. Lambs are being sorted and shipped to feedlots or markets depending on weight. Some beef producers will begin to wean and vaccinate calves in preparation for delivery to livestock buyers. Ranchers in Summit County are bringing their livestock off summer ranges and shipping calves and lambs to market.

VIRGINIA: Days suitable for fieldwork 6.4. Topsoil moisture 11% very short, 30% short, 58% adequate, 1% surplus. Subsoil moisture 4% very short, 33% short, 59% adequate, 4% surplus. Pasture 4% very poor, 6% poor, 27% fair, 55% good, 8% excellent. Livestock 1% poor, 9% fair, 62% good, 28% excellent. Other hay 1% very poor, 13% poor, 23% fair, 54% good, 9% excellent. Alfalfa hay 5% very poor, 8% poor, 25% fair, 39% good, 23% excellent. Corn 91% mature, 93% 2012, 91% 5-yr avg. Corn harvested 66%, 77% 2012, 60% 5-yr avg. Corn silage harvested 82%, 89% 2012, 89% 5-yr avg. Soybeans 4% poor, 22% fair, 57% good, 17% excellent. Soybeans dropping leaves 36%, 31% 2012, 44% 5-yr avg. Soybeans harvested 2%, 2% 2012, 2% 5-yr avg. Winter wheat seeded 9%, 8% 2012, 13% 5-yr avg. Barley seeded 34%, 30% 2012, 27% 5-yr avg. Flue cured tobacco harvested 83%, 80% 2012, 72% 5-yr avg. Burley tobacco 93%, 87% 2012, 84% 5-yr avg. Peanuts 26% fair, 62% good, 12% excellent. Peanuts dug 22%, 18% 2012, 11% 5-yr avg. Peanuts combined 4%, 2% 2012, 3% 5-yr avg. Cotton 2% very poor, 2% poor, 16% fair, 65% good, 15% excellent. Cotton bolls opening 78%, 84% 2012, 79% 5-yr avg. All apples 3% fair, 96% good, 1% excellent. Fall apples harvested 55%, 84% 2012, 58% 5-yr avg. Winter apples 33%, 53% 2012, 31% 5-yr avg. Grapes 6% poor, 7% fair, 85% good, 2% excellent. Oats seeded 37%. It was a dry week for the Old Dominion; most areas experienced light showers or no rain at all. The majority of temperatures ranged between upper 70s and low 40's, with a few reported lows in the 30s. Overall, Virginia was about 2 to 5 degrees below normal for this time of year. Days suitable for fieldwork were 6.4. The dry weather was ideal for harvesting; good progress was made on corn and late season hay. The recently planted small grains were not doing as well, rain was needed for germination. The soybean harvest had just begun; concerns about Soybean Rust were still prevalent. Other farming activities for the week included spraying defoliants on cotton, harvesting tobacco, testing soil, and applying lime, fertilizers, and bare ground herbicides.

WASHINGTON: Days suitable for fieldwork 3.5. Topsoil Moisture: 4% Very Short, 9% Short, 57% Adequate, 30% Surplus. Subsoil Moisture: 6% Very Short, 31% Short, 59% Adequate, 4% Surplus. Irrigation Water Supply: 0% Very Short, 0% Short, 97% Adequate, 3% Surplus. Hay and other Roughage: 1% Very Short, 7% Short, 71% Adequate, 21% Surplus. Range and Pasture Conditions: 5% Very Poor, 21% Poor, 28% Fair, 44% Good, 2% Excellent. Winter Wheat Planted: 65%, 71% last year, 72% five-year average. Winter Wheat Emerged: 41%, 56% last year, 49% five-year average. Field Corn Conditions: 0% Very Poor, 0% Poor, 48%

Fair, 45% Good, 7% Excellent. Field Corn Field Corn Dough: 95%, 92% last year, 93% five-year average. Field Corn Field Corn Dent: 75%, 58% last year, 68% five-year average. Field Corn Field Corn Mature: 31%, 20% last year, 22% five-year average. Field Corn Field Corn Harvested for Grain: 10%, 5% last year, 4% five-year average. Field Corn Harvested for Silage: 40%, 34% last year, 37% five-year average. Potatoes Harvested: 63%, 60% last year, 61% five-year average. Dry Edible Beans Harvested 95%, 93% last year, 93% five-year average. Alfalfa Hay Fourth Cutting 50%, 36% last year, 47% five-year average. Another week of high precipitation and dipping temperatures as fall settled in. In Whitman County, cool wet weather moved in as temperatures were below average all week with highs in the low 60s and high 50s. Nearly an inch and a half of rain fell throughout parts of the county during the week. Planting of winter wheat was also stalled due to cool, wet conditions. In Adams County, a very rainy week hampered bean and hay harvest as well as caused some challenges in potato and corn harvest. In Thurston County, Christmas tree growers began removing leader stakes from Noble and Nordman fir. In the Yakima Valley, apple harvest intensified as Honeycrisp, Jonagold, and Golden Delicious varieties came in from the upper Valley and Granny Smith, Jonagold and Red Delicious apples were harvested in the lower Valley. A few late maturing peaches and nectarines were being harvested this past week as Concorde and wine grape varieties were also coming in from the fields. There was explosion of winter squashes at fruit stands along with tomatoes and peppers as vegetable growers anticipated freezing night time temperatures. Hop harvest were still coming in. Temperatures as low as 33 degrees have caused fruit growers to use frost control measures. In Spokane County, fall calves were being moved to market.

WEST VIRGINIA: Days suitable for fieldwork was 6. Topsoil moisture was 16% short, 75% adequate, and 9% surplus compared to 3% very short, 29% short, and 68% adequate last year. Corn conditions were 10% fair, 46% good, and 44% excellent. Corn was 81% dented, 94% in 2012, 5-year avg. comparison data not available. Corn was 26% mature, 60% in 2012, and 53% 5-year avg. Corn harvested for grain was 5%, 10% in 2012, and 15% 5-year avg. Soybean conditions were 14% fair, 42% good, and 44% excellent. Soybeans were 73% dropping leaves, 90% in 2012, and 78% 5-year avg. Hay conditions were 18% fair, 66% good, and 16% excellent. Hay second cutting was 89%, 98% in 2012, 5-year avg. comparison data not available. Hay third cutting was 39%, 58% in 2012, and 60% 5-year avg. Apple conditions were 2% poor, 42% fair, 52% good, and 4% excellent. Apples were 60% harvested, 73% in 2012, and 60% 5-year avg. Cattle and calves were 14% fair, 77% good, and 9% excellent. Sheep and lambs were 9% fair, 88% good, and 3% excellent. The weather was drier this week, helping farmers as they continued making hay and moving bales from fields. Harvesting continues for fall vegetables, apples, and corn for grain. Around the State, farmers are seeing bear and deer damage to area corn fields; white grubs are also damaging lawns.

WISCONSIN: Days suitable for fieldwork 6.2. Topsoil moisture 18% very short, 41% short, 40% adequate, and 1% surplus. Subsoil moisture 25% very short, 48% short, 27% adequate, and 0% surplus. Pasture condition 23% very poor, 31% poor, 32% fair, 12% good, 2% excellent. Fourth cutting hay 64%, 95% 2012, 71% avg. Corn silage harvested 54%, 93% 2012, 67% avg. The state saw an overall dry and mild week with widespread light rain over the weekend. Reporters commented that the warm dry days pushed crops toward maturity. A few reporters in the north noted patchy overnight frost. Precipitation received was not enough to combat lingering dry and dusty soil conditions in some areas. Topsoil moisture was 59 percent short to very short this week compared to 55 percent last week. Corn silage harvest chugged along and late haying continued, taking advantage of the sunny weather. The corn for grain and soybean harvests were gearing up with fall seedings going in as fields were cleared. Across the reporting stations, average temperatures last week were 1 degree below to 4 degrees above normal. Average high temperatures ranged from 68 to 77 degrees, while average low temperatures ranged from 42 to 51 degrees. Precipitation totals ranged from 0.09 inches in Milwaukee to 0.39 inches in La Crosse.

WYOMING: Days suitable for field work 4.7. Topsoil moisture 4% very short, 21% short, 74% adequate, 1% surplus. Subsoil moisture 10% very short, 33% short, 56% adequate, 1% surplus. Stock water supply 4% very short, 26% short, 68% adequate, 2% surplus. Barley harvested 95%, 100% 2012, 97% avg. Oats harvested 89%, 100% 2012, 99% avg. Winter Wheat planted 93%, 88% 2012, 91% avg.; emerged 72%, 44% 2012, 64% avg. Corn condition 1% very poor, 5% poor, 19% fair, 55% good, 20% excellent; in dough 85%, 99% 2012; 95% avg.; dent 62%, 86% 2012, 80% avg.; mature 31%, 58% 2012, 49% avg. Corn silage harvested 67%, 78% 2012, 73% avg. Dry beans condition 9% poor, 20% fair, 64% good, 7% excellent; leaves turning color

96%; 100% 2012, 98% avg.; windrowed 62%, 84% 2012, 83% avg.; combined 38%, 68% 2012, 62% avg. Sugar beets condition 25% fair, 59% good, 16% excellent; harvested 19%, 26% 2012, 11% avg. Alfalfa condition 2% very poor, 6% poor, 22% fair, 58% good, 12% excellent; third cutting 69%, 75% 2012, 55% avg. Range and pasture condition 10% very poor, 28% poor, 32% fair, 26% good, 4% excellent. Livestock condition 3% poor, 32% fair, 57% good, and 8% excellent. Converse County received the second frost of the season last week. Lincoln County reported a lot of rain and some snow in the higher elevations. Fall has arrived. Farming operations are wrapping up for the year as small grain harvest is completed. Uinta County reported snow in the high mountain areas. Precipitation has aided grazing on the hay meadows. Livestock are being moved home from summer ranges. Hay harvest continues for some. Some livestock shipping has occurred. Natrona County reported wet, heavy snow Thursday and Friday night. High temperatures ranged from 59 degrees at Lake Yellowstone to 87 degrees in Torrington. Low temperatures ranged from 24 degrees in Big Piney to 36 degrees in Chugwater. Average temperatures ranged from 37 degrees at Lake Yellowstone to 56 degrees in Torrington. Temperatures were below normal in 27 out of the 33 stations. Temperatures were 6 degrees below normal in both Lander and Cody and 6 degrees above normal in Buford. All reporting stations reported some precipitation, ranging from 0.07 inch in Big Piney to 1.72 inches in Worland. Thirteen 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).

Information Contacts

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

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