



Crop Progress - State Stories

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ALABAMA: Days suitable for fieldwork were 6.7. Topsoil moisture 1% very short, 19% short, 74% adequate, and 6% surplus. Corn mature 86%, 75% last week, 100% 2012, and 94% five-year average. Corn Harvested 26%, 17% last week, 78% 2012, and 53% five-year average. Corn condition 0% very poor, 1% poor, 6% fair, 55% good, and 38% excellent. Soybeans blooming 95%, 90% last week, 100% 2012, and 100% five-year average. Soybeans setting pods 80%, 75% last week, 97% 2012, and 95% five-year average. Soybeans dropping leaves 14%, 9% last week, 26% 2012, and 35% five-year average. Soybean condition 0% very poor, 0% poor, 12% fair, 67% good, and 21% excellent. Livestock condition 0% very poor, 1% poor, 13% fair, 68% good, and 18% excellent. The week's average mean temperatures ranged from 73.9°F in Sylacauga, to 80.9°F in Mobile; total precipitation ranged from 0.00 inches over many areas of the State, to 1.25 inches in Russellville. The warm, dry trend continued throughout Alabama last week with spotty showers. Rainfall totals were generally less than one-half inch. Farmers were busy with field activities. Corn condition was steady at good to excellent. Harvest moved into full swing over most of the State. Average yields were still very good. Soybeans condition remained very good. The dryer weather improved the condition of many fields. However, rain will be needed soon to promote good bean development. Livestock and pastures remained in mostly good to excellent condition with plenty of forage available for grazing. Hay harvesting continued to progress. Some producers were hoping to get one more cutting before frost.

ALASKA: Days suitable for fieldwork 5.0. Topsoil moisture 15% short, 85% adequate. Subsoil moisture 10% very short, 30% short, 60% adequate. Barley 100% harvested. Oats 10% harvested. Potato harvest was 20% complete. Second cutting hay 60% complete. Winter supplies of hay 10% very short, 45% short, 45% adequate. Wind and rain damage 75% none, 10% light, 15% moderate. Main farm activities for the week were harvesting hay, small grains, CRP hay acres and vegetables, general farm maintenance.

ARIZONA: Temperatures were mostly below normal across the State for the week ending September 15, 2013, ranging from 6 degrees below normal at Buckeye to 5 degrees above normal at the Grand Canyon. The highest temperature of the week was 110 degrees recorded in Parker. The lowest reading was 40 degrees at Flagstaff. All of the twenty-two weather stations recorded precipitation last week. Parker received the least precipitation at 0.04 inches and Flagstaff received the most at 2.62 inches. Eighteen of the 22 stations have received more than 75 percent of normal precipitation. Central and Western Arizona are preparing ground for fall vegetables. Dairies continue to work around the clock. Recent rains brought green forage growth in some areas across the State, but not enough to ease the overall drought conditions. Range and Pastures were rated in mostly very poor to fair condition, depending on location.

ARKANSAS: Days suitable for fieldwork 6.9. Topsoil moisture 22% very short, 56% short, 21% adequate, 1% surplus. Subsoil moisture 19% very short, 53% short, 27% adequate, 1% surplus. Corn 100% dent, 100% 2012, 100% avg.; 98% mature, 100% 2012, 99% avg.; 70% harvested, 99% 2012, 73% avg.; condition 2% very poor, 5% poor, 21% fair, 45% good, 27% excellent. According to the September 10th U.S. Drought Monitor, over 62 percent of the State was under abnormally dry conditions. The major row crops were in mostly fair to good condition. Livestock were in mostly fair to good condition last week. Hay condition was mostly fair to good.

CALIFORNIA: California was positioned between two low pressure systems for the first half of the week. A smaller low pressure system over the Great Basin rotated moisture into the State from the northeast and a larger east Pacific low pressure system brought an onshore flow to much of the State from the west. The Great Basin low interacted with high pressure over the Pacific Northwest to create an atmospheric pattern resulting in

many days of similar weather. Conditions did not vary much until this pattern broke down later in the week. After a warm start on Monday, the remainder of the week was cooler than average for much of the State. The east Pacific low moved onshore late in the week and brought very light precipitation to the Northern Sierra Nevada and Northern Coast on Friday as well as stronger mountain winds over the weekend. Rice fields were dried and harvest was more than 5 percent complete. Cotton conditions were stable in comparison to last week as the weather remained hot and dry. Reporters noted insect pressure was light and producers reduced irrigation in preparation for defoliation. Aphid presence has been minimal in alfalfa and growers continued to cut, windrow, rake and bale with good drying conditions. Black-eyed peas were harvested in Tulare and Stanislaus County. Fields were prepared for planting of winter wheat. Potato harvest began in Siskiyou County. Garbanzo beans, sorghum and corn for silage harvest continued. Orchards and vineyards were irrigated due to hot weather. Late variety peaches, nectarines, apricots and fresh plums were harvested. Cling peach harvest was nearly complete. Stone fruit orchards that had completed harvest were undergoing pruning, topping, and general orchard cleanup. Harvest of table, wine, and raisin grapes continued. Raisin grapes that had completed the drying process were rolled and collected from the fields. Vineyards were pruned to increase aeration and allow access to grapes while picking. Pomegranates, prunes, and pears were harvested. Fuji and Granny Smith apples were harvested. Olive harvest began. Valencia orange harvest continued. Navel orange harvest was expected to begin earlier than normal this year. Lemons were harvested. Almond harvest was in full swing. Pistachio harvest was underway in some areas. Walnut orchards were prepped for harvest. Kern County reported tomatoes were treated for powdery mildew. Bell and jalapeno peppers, eggplant and squash harvest continued in Tulare County. Processing tomato harvest was winding down in Fresno County. Winter carrots were cultivated, irrigated and treated for fungicide. Cantaloupe and watermelon harvest remained active. In Merced County, bell and chile peppers, fresh market and processed tomatoes, onions, pumpkin, cantaloupes, honeydew, and watermelon were harvested. Tomatoes were treated for powdery mildew. Cantaloupe and honeydew melons, tomatoes, and basil were harvested and broccoli was planted in Stanislaus County. San Joaquin County reported harvest of melons, peppers and tomatoes. Processing tomato harvest was winding down in Sutter County. San Mateo County reported leaves were pruned on early planted stalks of Brussels sprouts. Pumpkins were distributed to retail lots and artichokes were picked. Range and non-irrigated pasture remained in fair to very poor condition. Available water at all elevations was limited. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Livestock supplemental feeding of hay and grain was ongoing. Bees worked alfalfa, melon and squash fields.

COLORADO: Days suitable for field work 3.4 days. Topsoil moisture 10% very short, 21% short, 54% adequate, 15% surplus. Subsoil moisture 27% very short, 32% short, 37% adequate, 4% surplus. Spring barley harvested 95%, 96% 2012, 96% avg. Spring wheat harvested 96%, 71% 2012, 69% avg. Winter wheat emerged 2%, 0% 2012, 2% avg. San Luis Valley potatoes harvested 26%, 41% 2012, 25% avg, condition 1% poor, 27% fair, 62% good, 10% excellent. All Other potatoes harvested 73%, 89% 2012, 52% avg. Dry Beans cut 52%, 63% 2012, 50% avg, harvested 30%, 26% 2012, 21% avg, condition 9% very poor, 16% poor, 39% fair, 32% good, 4% excellent. Alfalfa 3rd cutting 76%, 89% 2012, 70% avg, 4th cutting 6%, 29% 2012, 9% avg, condition 17% very poor, 13% poor, 24% fair, 39% good, 7% excellent. Dry onions harvested 33%, 63% 2012, 50% avg, condition 1% poor, 20% fair, 67% good, 10% excellent. Livestock condition 2% very poor, 5% poor, 34% fair, 57% good, 2% excellent. Sugarbeets harvested 2%, 6% 2012, 3% avg, condition 4% poor, 24% fair, 62% good, 10% excellent. Sunflower condition 18% very poor, 27% poor, 34% fair, 19% good, 2% excellent. Cool temperatures and precipitation prevailed last week, with localized heavy rains and flooding in the north east section of the State. Assessment of flood damage was underway with some crop and livestock loss expected.

DELAWARE: Days suitable for fieldwork 6.5. Topsoil moisture 2% very short, 62% short, 36% adequate, 0% surplus. Subsoil moisture 2% very short, 30% short, 60% adequate, 8% surplus. Hay supplies 0% very short, 20% short, 65% adequate, 15% surplus. Other hay third cutting 81% this week, 78% last week, 82% last year, 80% average. Alfalfa hay third cutting 100% this week, 93% last week, 100% last year, 99% average. Alfalfa hay fourth cutting 60% this week, 53% last week, 75% last year, 40% average. Corn condition 2% very poor, 6% poor, 16% fair, 45% good, 31% excellent. Soybean condition 1% very poor, 8% poor, 29% fair, 46% good, 16% excellent. Corn at the dent stage 99% this week, 84% last week, 100% last year, 97% average. Corn mature 80% this week, 45% last week, 87% last year, 78% average. Corn harvested for grain 24% this

week, 13% last week, 28% last year, 23% average. Soybeans setting pods 92% this week, 83% last week, 100% last year, 96% average. Cucumbers harvested 98% this week, 97% last week, 98% last year, 95% average. Lima Beans harvested 67% this week, 63% last week, 79% last year, 75% average. Snap beans harvested 98% this week, 97% last week, 92% last year, 92% average. Sweet Corn harvested 97% this week, 96% last week, 99% last year, 97% average. Watermelons harvested 100% this week, 99% last week, 98% last year, 97% average.

FLORIDA: Topsoil moisture 10% short, 69% adequate, 21% surplus. Subsoil moisture 2% very short, 5% short, 68% adequate, 25% surplus. Peanut harvest started on peanuts planted in April in Washington County. Hay baled Jackson, Gulf counties, poor quality. Corn harvest continued. Wet weather hampered sugarcane planting. Southwest Florida, delays in fall field preparation due to wet conditions. Miami-Dade County planting winter vegetables. Cattle Condition 1% very poor, 1% poor, 8% fair, 70% good, 20% excellent. Statewide; flooding limited forage condition. Most pasture, cattle in good 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 6.7. Topsoil moisture 4% very short, 36% short, 57% adequate, 3% surplus. Subsoil moisture 2% very short, 20% short, 70% adequate, 8% surplus. Corn harvested 83%, 90% 2012, 87% avg. Hay second cutting 95%, 100% 2012. Pecans 2% very poor, 9% poor, 41% fair, 41% good, 7% excellent. Rye planted 1%. Sorghum 2% very poor, 9% poor, 42% fair, 39% good, 8% excellent. Sorghum harvested 26%, 26% 2012, 24% avg. Soybeans 3% very poor, 7% poor, 28% fair, 51% good, 11% excellent. Tobacco harvested 96%, 90% 2012, 91% avg. Precipitation estimates for the State ranged from no rain up to 2.3 inches. Average high temperatures ranged from the low 80s to the low 90s. Average low temperatures ranged from the mid 50s to the mid 70s.

HAWAII: Days suitable for fieldwork 7.0. Topsoil moisture 17% very short, 65% short, 18% adequate, 0% surplus. The Hanalei station on the windward side of Kauai Island reported 1.18 inches during the reference week with 0.73 inch received on Thursday, but most stations reported under a half inch of measurable precipitation. The average weekly total rainfall across the State was 0.31 inch of measurable precipitation. The total drought-free area in the State remained at 17.89 percent compared to last week, but the moderate and severe ratings were above the September 10, 2013 by 22 and 4 percentage points, respectively. A large part of the State currently remained categorized as abnormally dry or drier; this was limited to Hawaii and Maui Counties and portions of the Oahu and Kauai Islands' leeward coast and slopes. Extreme drought was rated for the southern leeward coast of Maui Island and a small portion of the South Kohala district on the Big Island of Hawaii. State irrigation reservoir water levels in Oahu Island were unchanged on Friday, September 13, 2013, compared to the previous week's level. The State operated reservoir's capacity on Molokai Island was down 0.25 foot on Friday, September 13, 2013, compared to the previous week's level. The Hawaii County reservoir was down 3.0 feet on Friday, September 13, 2013, compared to the previous week's level. Conservation measures were still in effect for Oahu and Molokai Island reservoirs of 10 and 20 percent, respectively.

IDAHO: Days suitable for field work 6.1 days. Topsoil moisture 10% very short, 35% short, 55% adequate, 0% surplus. Field corn harvested for silage 17%, 26% 2012, 17% avg. Onions harvested 50%, 56% 2012, 48% avg. Potato vines killed 82%, 71% 2012, 66% avg. Potatoes harvested 11%, 14% 2012, 10% avg. Oats harvested for grain 89%, 96% 2012, 84% avg. Lentils harvested 95%, 93% 2012, 88% avg. Dry beans harvested 30%, 49% 2012, 47% avg. Alfalfa hay 3rd cutting harvested 79%, 80% 2012, 71% avg. Alfalfa hay 4th cutting harvested 20%, 39% 2012, 23% avg. Irrigation water supply 29% very poor, 31% poor, 27% fair, 13% good, 0% excellent. Potato condition 0% very poor, 0% poor, 36% fair, 52% good, 12% excellent. University of Idaho reporters indicated last week's rain set back harvest for many field crops across the State. The Franklin County reporter noted that small grain from irrigated fields seem to be of good quality and high yields but dryland field production and quality is lower than normal. Potatoes harvested are below the 5-year average. The third cutting of alfalfa was 8 percentage points ahead of the 5-year average for the State.

ILLINOIS: Days suitable for fieldwork 6.4. Topsoil moisture 28% very short, 50% short, 22% adequate. Subsoil moisture 24% very short, 45% short, 31% adequate. Alfalfa 90% third cut, 92% 2012, 92% avg.;

condition 2% very poor, 13% poor, 46% fair, 35% good, and 4% excellent. Above average temperatures and below normal rainfall led to the start of corn harvest in limited areas of the State last week. Temperatures averaged 71.6 degrees for the week, 3.2 degrees above normal. Precipitation across the State averaged 0.34 inches, 0.45 inches below normal. Some areas received an inch or more of rain, but most of the State remained dry. Activities included scouting fields, preparing equipment for harvest, and mowing and baling hay.

INDIANA: Days suitable for fieldwork 6.3. Topsoil moisture 23% very short, 47% short, 30% adequate. Subsoil moisture 19% very short, 45% short, 36% adequate. Tobacco harvested 65%, 63% 2012, 55% avg. Temperatures ranged from 2o above normal to 7o above normal with a low of 34o and a high of 98o. Precipitation ranged from 0.0 to 1.50 inches. Record setting heat early in the week gave way to cooler temperatures and some much needed rainfall, according to the Indiana Field Office of USDA's National Agricultural Statistics Service. Temperatures in the mid to upper 90's pushed crops closer to maturity around the State. Some of the corn and soybean acreage, that is not too mature, will benefit from last week's rain. Harvest of both corn and soybeans has begun in some of the earliest planted fields. A few elevators have offered premiums and reduced drying costs to entice farmers to begin harvesting corn. Dairy operations were rapidly harvesting corn silage before moisture levels dropped too low.

IOWA: Days suitable for fieldwork 6.6. Topsoil moisture 51% very short, 34% short, and 15% adequate. Subsoil moisture 45% very short, 38% short, and 17% adequate. Alfalfa 3rd cutting progress 94%, 100% 2012, 88% average. Most of Iowa received some precipitation during the week. Statewide rainfall was still below average for the week, even with the precipitation. Temperatures were again above normal during most of the week, but cooled during the weekend. There were scattered reports of corn silage being cut.

KANSAS: Days Suitable for field work 5.5. Topsoil moisture 14% very short, 43% short, 42% adequate, 1% surplus. Subsoil moisture 20% very short, 39% short, 41% adequate, and 0% surplus. Sunflowers ray flowers dried 74%, 75% 2012, 68% avg. Sunflower turned yellow 52%, 60% 2012, 42% avg. Sunflowers turned brown 13%, 23% 2012, 10% avg. Sunflower conditions 8% very poor, 16% poor, 42% fair, 31% good, 3% excellent. Alfalfa fourth cutting 43%, 46% 2012, 50% avg. Stock water supplies 11% very short, 18% short, 69% adequate, 2% surplus. For the week ending September 15, 2013, hot and dry conditions across Kansas gave way to cooler temperatures and some much needed moisture. The rains missed the Southeast, and parts of the East Central and South Central Districts, but were significant in areas of northwest Kansas. The moisture helped improve the potential for the upcoming wheat crop. Besides cutting the last of the hay for the season, farmers were harvesting high-moisture corn and chopping sorghum and corn silage.

KENTUCKY: Days suitable 6.1. Topsoil moisture 5% very short, 28% short, 62% adequate, 5% surplus. Subsoil moisture 2% very short, 23% short, 68% adequate, 7% surplus. Precipitation averaged 0.22 in., 0.62 in. below normal. Temperatures averaged 70 degrees, near normal. Burley tobacco cut 62%, 59% 2012, 68% avg. Dark tobacco cut 66%, 67% 2012, 67% avg. Condition of housed tobacco 5% poor, 21% fair, 66% good, 8% excellent. 9% of housed tobacco showed signs of house burn. This week consisted of exceptionally dry conditions. Primary activities this week included harvesting tobacco and beginning to harvest corn.

LOUISIANA: Days suitable for fieldwork, 6.5. Soil moisture 21% very short, 31% short, 44% adequate, 4% surplus. Corn dough 100% this week, 100% last week, 100% last year, 100% average; 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, 97% last week, 100% last year, 97% average; Corn condition 0% very poor, 0% poor, 27% fair, 59% good, 14% excellent. Hay second cutting 100% this week, 98% last week, 100% last year, 96% average. Pecans condition 0% very poor, 5% poor, 59% fair, 36% good, 0% excellent. Sugarcane planted 82% this week, 68% last week, 71% last year, 71% average; Sugarcane condition 2% very poor, 5% poor, 24% fair, 49% good, 20% excellent. Sweet Potatoes harvested 30% this week, 20% last week, 18% last year, 16% average; Sweet Potatoes condition 0% very poor, 1% poor, 31% fair, 68% good, 0% excellent. Vegetables condition 2% very poor, 15% poor, 41% fair, 39% good, 3% excellent. Livestock condition 0% very poor, 5% poor, 33% fair, 55% good, 7% excellent.

MARYLAND: Days suitable for fieldwork 6.5. Topsoil moisture 8% very short, 32% short, 53% adequate, 7% surplus. Subsoil moisture 7% very short, 29% short, 57% adequate, 7% surplus. Hay supplies 0% very

short, 6% short, 82% adequate, 12% surplus. Other hay third cutting 70% this week, 68% last week, 66% last year, 68% average. Alfalfa hay third cutting 100% this week, 97% last week, 100% last year, 99% average. Alfalfa hay fourth cutting 50% this week, 36% last week, 84% last year, 54% average. Corn condition 0% very poor, 0% poor, 9% fair, 41% good, 50% excellent. Soybean condition 1% very poor, 4% poor, 13% fair, 48% good, 34% excellent. Corn in the dent stage 93% this week, 87% last week, 94% last year, 92% average. Corn mature 67% this week, 52% last week, 79% last year, 68% average. Corn harvested for grain 12% this week, 5% last week, 22% last year, 23% average. Soybeans setting pods 98% this week, 94% last week, 100% last year, 96% average. Cucumbers harvested 93% this week, 83% last week, 98% last year, 95% average. Lima beans harvested 80% this week, 72% last week, 84% last year, 72% average. Snap beans harvested 95% this week, 93% last week, 100% last year, 95% average. Sweet Corn harvested 94% this week, 89% last week, 96% last year, 93% average. Watermelons harvested 91% this week, 85% last week, 95% last year, 94% average.

MICHIGAN: Days suitable for fieldwork 6. Topsoil moisture 10% very short, 37% short, 49% adequate, 4% surplus. Subsoil moisture 8% very short, 42% short, 46% adequate, 4% surplus. avg. All hay 4% very poor, 14% poor, 35% fair, 36% good, 11% excellent. Third cutting hay 80%, 86% 2012, 74% avg. Fourth cutting hay 16%, 34% 2012, 24% avg. Dry beans 5% very poor, 9% poor, 28% fair, 52% good, 6% excellent. Dry beans dropping leaves 52%, 73% 2012, 65% avg. Dry beans mature 18%, 0% 2012, 0% avg. Dry beans harvested 3%, 10% 2012, 19% avg. Many parts of the State received their first significant rainfall of the last few weeks this week. Topsoil moisture ratings improved 5 points Statewide to forty nine percent as a result. There was a mild frost in many parts of the State during the week but no significant damage was reported. The rainfall once again slowed down the hay harvest, with little progress being made on the third cutting once again. The corn crop is now eleven percent mature and silage cutting has started to pick up speed. Soybeans have largely completed the pod setting stage and twenty one percent of the crop is starting to drop leaves. Blueberry, plum, pear, apple, and fall raspberry harvests continued; juice grape harvest began. The sizing of apples benefited from recent rains, especially in non-irrigated orchards. Gala picking continued, and Empire, McIntosh, and Honeycrisp harvests began. In the Grand Rapids area fruit has been picked very easily, presenting a potential large drop from strong winds. The Niagara grape harvest began. Early and mid-season wine grape varieties in the northwest were coloring; the harvest of early varieties will begin shortly. The blueberry harvest wrapped up in the southwest but continued in the west central area. Fruit quality remained good, and grower prices improved. Some raspberry fields have had two-spotted spider mite infestations. Pumpkin and winter squash harvest was ongoing in Oceana County this past week. Sweet corn harvest was wrapping up in the southeast region. Pickle harvest was winding down in Tuscola County. Powdery mildew was a concern for vine crops throughout the State.

MINNESOTA: Days suitable for fieldwork 5.9. Topsoil moisture 31% Very Short, 33% Short, 36% Adequate. Subsoil moisture 27% Very Short, 39% Short, 34% Adequate. Corn Silage harvested 52%, 95% 2012, 58% average. Sweet corn harvested 83%, 92% 2012, 85% average. Canola harvested 54%, 100% 2012, 78% average. Dry beans, leaves yellow 88%, 100% 2012. Dry beans, dropping leaves 59%, 94% 2012. Potatoes, harvested 41%, 48% 2012, 38% average. Alfalfa, third cutting 84%. Sugarbeets condition 1% very poor, 6% poor, 26% fair, 61% good and 6% excellent. Sunflowers condition 3% poor, 50% fair, 42% good and 5% excellent. Canola condition 4% poor, 52% fair, 43% good and 1% excellent. Dry Beans condition 4% very poor, 15% poor, 41% fair, 34% good and 6% excellent.

MISSISSIPPI: Days suitable for fieldwork 6.8. Soil moisture 24% very short, 35% short, 41% adequate, 0% surplus. Corn dough 100%, 100% 2012, 100% avg. Corn dent 100%, 100% 2012, 100% avg. Corn mature 100%, 100% 2012, 100% avg. Corn harvested 80%, 95% 2012, 86% avg. Corn silage harvested 100%, 100% 2012, 99% avg. Corn 1% very poor, 5% poor, 15% fair, 53% good, 26% excellent. Hay-warm season hay harvested 92%, 94% 2012, 91% avg. Hay - warm season 1% very poor, 2% poor, 36% fair, 53% good, 8% excellent. Sorghum heading 100%, 100% 2012, 100% avg. Sorghum coloring 100%, 100% 2012, 100% avg. Sorghum mature 68%, 99% 2012, 96% avg. Sorghum harvested 18%, 75% 2012, 65% avg. Sorghum 0% very poor, 1% poor, 20% fair, 66% good, 13% excellent. Sweet potatoes harvested 17%, 24% 2012, 26% avg. Sweet potatoes 0% very poor, 0% poor, 14% fair, 70% good, 16% excellent. Livestock condition 0% very poor,

0% poor, 24% fair, 70% good, 6% excellent. Most corn growers have completed harvest and harvest activities soybeans, rice and grain sorghum moving forward at a rapid pace. Cotton defoliation is beginning.

MISSOURI: Days suitable for fieldwork 6.5. Topsoil moisture 40% very short, 46% short, 14% adequate. Subsoil moisture supply 31% very short, 45% short, 24% adequate. Supply of hay and other roughages 1% very short, 9% short, 77% adequate, 13% surplus. Stock water supplies 4% very short, 19% short, 75% adequate, 2% surplus. Corn moisture at harvest 21.6%, 15.6% 2012. Alfalfa 3rd cutting 95%, 81% 2012, 90% avg. Above average temperatures continued across the State with scattered showers in the northern part of the State. Temperatures were 1 degree to 5 degrees above average across the State. Precipitation averaged 0.28 of an inch Statewide. The northwest district reported 0.74 of an inch. Buchanan County reported 1.60 inches. Over the past 4 weeks the southwest district has received 0.16 of an inch of precipitation.

MONTANA: Days suitable for field work 5.4, 6.9 last year. Topsoil moisture 8% very short, 62% last year; 22% short, 32% last year; 63% adequate, 5% last year; 7% surplus, 1% last year. Subsoil moisture 12% very short, 56% last year; 27% short, 35% last year; 56% adequate, 9% last year; 5% surplus, 0% last year. Corn chopped for silage 25%, 43% last year. Corn condition 3% very poor, 4% last year; 5% poor, 15% last year; 35% fair, 32% last year; 37% good, 30% last year; 20% excellent, 19% last year. Dry peas harvested 96%, 100% last year. Alfalfa hay harvested – second cutting 91%, 99% last year. Other hay harvested – second cutting 84%, 95% last year. Lentils harvested 80%, 100% last year. Potatoes condition 15% very poor, 0% last year; 14% poor, 0% last year; 18% fair, 51% last year; 26% good, 36% last year; 27% excellent, 13% last year. Durum wheat harvested 39%, 96% last year. Durum wheat condition 16% very poor, 18% poor, 47% fair, 17% good, 2% excellent. Livestock moved from summer ranges – cattle & calves 20%, 35% last year. Livestock moved from summer ranges – sheep & lambs 28%, 46% last year. The week ending September 16 was fall-like for most of Montana with warm days and cooler nights. Joliet received the highest amount of precipitation for the week with 2.36 inches of moisture. Most other stations reported receiving none to 2.07 inches of precipitation. High temperatures ranged from the upper 70s to lower 90s, with the State-wide high temperature of 94 degrees recorded at Thompson Falls. A majority of stations reported lows in the upper 20s to the lower 50s with the coldest being Wisdom at 27 degrees.

NEBRASKA: Days suitable for fieldwork 5.5 days. Topsoil moisture 20% very short, 40% short, 40% adequate, 0% surplus. Subsoil moisture 29% very short, 43% short, 28% adequate, 0% surplus. Proso millet harvested 62%, 34% 2012, 26% avg. Dry bean dropping leaves 91%, 63% 2012, 58% avg. Dry Bean harvested 31% 17% 2012, 21% avg. Dry bean condition 1% very poor, 3% poor, 20% fair, 63% good and 13% excellent. Alfalfa condition 6% very poor, 18% poor, 32% fair, 38% good, and 6% excellent. Alfalfa fourth cutting 38%, 77% 2012, 47% average. Stockwater supplies rated 8% very short, 20% short, 72% adequate, 0% surplus. For the week ending September 15, 2013, temperatures for the fourth week in a row averaged above normal. Rainfall across southern Nebraska was expected to boost germination prospects for fall planted winter wheat but came too late to impact western dryland crops. Corn silage harvest was active in many areas and harvest of high moisture corn for feedlots had started. Dry bean and millet harvests were active in western counties.

NEVADA: Light storms and thundershowers passed through eastern Nevada. Warm temperatures remained and precipitation totals were below half an inch for most of the State. A storm system moved in from Colorado on Wednesday, bringing precipitation to Eureka, Ely and Elko. Scattered showers persisted until Saturday. Precipitation measurements for the week ranged from 0.54 inches in Eureka to trace amounts in Reno and Winnemucca. Elko had only 0.14 inches of rain and Eureka had 0.54 inches. Average high temperatures were down a few degrees from the previous week, with the exception of Winnemucca, but lows remained constant due to the low pressure moving in from Colorado. Average weekly temperatures were generally 3 to 5 degrees above normal. The week ended with western Nevada under a Red Flag Warning and a Fire Weather Watch from Battle Mountain to Tonopah. Days suitable for fieldwork 6.0. Hay harvesting continued in northern and eastern regions of the State, but many reporters noted that producers are done for the season. The third cutting of alfalfa was nearly finished and the fourth cutting will begin in a week in the northwest. Second cutting of Sudan and other types of irrigated hay was complete in the south and nearing completion in the north. Fall and spring seeded grains rated generally fair to good and harvest was underway. Corn silage harvest continued. Onion harvest continued in full swing and was in good to excellent condition. Potatoes and mint

were in good condition. Livestock remained in the higher ranges. Rains alleviated some immediate stock water needs as pasture improved due to late season precipitation. Ranchers hauled water to grazing stock and supplementing protein. Calf weights coming off summer range continued running light. Main farm and ranch activities included hay harvest, grain harvest, onion harvest, irrigation, cultivation of row crops, livestock tending, and weed and insect control.

NEW ENGLAND: Days suitable for fieldwork 4.0. Topsoil moisture 1% short, 74% adequate, 25% surplus. Subsoil moisture 81% adequate, 19% surplus. Maine Barley 80% harvested, 100% 2012, 90% avg. Maine Oats 60% harvested, 95% 2012, 85% avg, condition 27% fair, 39% good, 34% excellent. Maine Potatoes 5% harvested, 10% 2012, 15% avg, condition 9% fair, 32% good, 59% excellent. Massachusetts Potatoes 40% harvested, 40% 2012, 50% avg, condition 20% fair, 80% good. Rhode Island Potatoes 40% harvested, 50% 2012, 50% avg, condition 75% good, 25% excellent. Field Corn 5% harvested, 20% 2012, 15% avg, condition 4% very poor, 5% poor, 13% fair, 73% good, 5% excellent. Sweet Corn 90% harvested, 90% 2012, 90% avg. Broadleaf Tobacco 100% harvested, 99% 2012, 99% avg. Second Crop Hay 90% harvested, 95% 2012, 95% avg. Third Crop Hay 45% harvested, 65% 2012, 60% avg, condition 16% fair, 79% good, 5% excellent. Apples 30% harvested, 35% 2012, 35% avg, fruit size 2% below avg, 67% avg, 31% above avg, condition 1% poor, 19% fair, 55% good, 25% excellent. Peaches 95% harvested, 95% 2012, 95% avg. Pears 30% harvested, 50% 2012, 45% avg, fruit size 99% avg, 1% above avg, condition 18% fair, 82% good. Highbush blueberries 100% harvested, 100% 2012, 100% avg. Massachusetts Cranberries <5% harvested, 0% 2012, <5% avg, fruit set 80% avg, 20% above avg, fruit size 20% below avg, 70% avg, 10% above avg, condition 5% fair, 85% good, 10% excellent. The week started with scattered instances of light frost but quickly changed to scattered showers and unseasonably hot temperatures as high as 97F. A series of strong thunderstorms associated with a cold front brought in sunnier and cooler weather for the weekend. Average temperatures across the six States ranged from 2 to 4 degrees above normal. Precipitation was abundant, particularly in Northern New England, further saturating soils and delaying harvest of crops. Average precipitation across the six States ranged from 0.46 in Rhode Island to 2.74 inches in New Hampshire with the highest local precipitation total at 5.36 inches reported in New Hampshire. Crops harvested included silage corn, hay, haylage, tobacco, small grains, potatoes, various summer and fall vegetables, apples, peaches, pears, cranberries, and other fruits. Other field activities included fertilizing, mowing orchard floors, cleaning fields, planting cover crops, monitoring for pests, and spraying as needed.

NEW JERSEY: Days suitable for field work 6.0. Topsoil moisture 4% very short, 18% short, 77% adequate, 1% surplus. Subsoil moisture 9% short, 84% adequate, 7% surplus. Some Burlington County producers have reportedly started harvesting field corn. Grape harvesting has started. Cranberries, dry onions, and broccoli are in good condition. Eggplant is in mostly good condition. Cucumbers, peppers, and pumpkins are in mostly fair to good condition. Fresh market tomatoes are in mostly fair condition. Strong storms on Thursday in Warren County flattened field corn and soybeans in isolated areas and also hit late sweet corn hard.

NEW MEXICO: Days suitable for fieldwork 5.3. Topsoil moisture 17% very short, 22% short, 44% adequate and 17% surplus. Wind damage 3% light and 6% moderate. Alfalfa 1% very poor, 7% poor, 13% fair, 78% good and 1% excellent; 99% fourth cutting complete; 77% fifth cutting complete; 9% sixth cutting complete. Cotton 3% very poor, 20% poor, 36% fair, 20% good and 21% excellent; 93% setting bolls; 25% bolls opening. Corn 1% very poor, 3% poor, 22% fair, 40% good and 34% excellent; 96% dough; 80% dent; 28% mature; 47% Silage harvested. Total Sorghum 10% poor, 43% fair, 31% good and 16% excellent; 94% headed; 35% turning color; 2% mature. Lettuce planted 90%. Chile 3% poor, 24% fair and 73% good; 90% harvested green. Pecans 2% poor, 10% fair, 45% good and 43% excellent. Cattle condition 5% very poor, 6% poor, 45% fair, 36% good and 8% excellent. Sheep condition 46% very poor, 18% poor, 25% fair and 11% good. Historic rain and flooding across the State. Socorro 6.92 inches, Truth or Consequences 5.75 inches, Tucumcari 5.54 inches, Las Vegas 5.17 inches and Moriarty 4.03 inches.

NEW YORK: Days suitable for fieldwork 4.6. Soil moisture 1% short, 79% adequate, 20% surplus. Oats for grain 98% harvested, 99% in 2012, 99% average. Oats 14% poor, 10% fair, 67% good, 9% excellent. Hay crops 3% poor, 29% fair, 54% good, 14% excellent. Third alfalfa cutting 75% complete, 73% in 2012, 79% average. Second clover timothy cutting 98% complete, 100% in 2012, 97% average. Third clover timothy cutting 72% complete, 61% in 2012, 68% average. Soybeans 5% poor, 14% fair, 58% good, 23% excellent.

Potatoes 59% harvested, 67% in 2012, 52% average. Corn 7% poor, 17% fair, 54% good, 22% excellent. Silage corn 9% harvested, 36% in 2012, 22% average. Sweet corn 88% harvested, 89% in 2012, 86% average. Sweet corn 3% poor, 11% fair, 60% good, 26% excellent. Onions 69% harvested, 85% in 2012, 76% average. Onions 12% poor, 6% fair, 26% good, 56% excellent. Snap beans 85% harvested, 74% in 2012, 78% average. Snap beans 4% poor, 33% fair, 61% good, 2% excellent. Cabbage 71% harvested, 75% in 2012, 75% average. Cabbage 28% poor, 32% fair, 19% good, 23% excellent. Apples 26% harvested, 45% in 2012, 36% average. Apples 1% poor, 4% fair, 65% good, 30% excellent. Grapes were 12% harvested, 25% 2012 and 19% average. Grapes 1% fair, 42% good, 57% excellent. Peaches 99% harvested, 100% in 2012, 96% average. Peaches 2% poor, 5% fair, 84% good, 9% excellent. Pears 65% harvested, 89% in 2012, 77% average. Pears 7% poor, 11% fair, 74% good, 8% excellent. Rainfall for the State ranged from 0.28 to 3.28 inches. Temperatures ranged from a low of 36 to a high of 95.

NORTH CAROLINA: There were 6.3 days suitable for field work for the week ending September 15th, compared to 5.9 days for the week ending September 8th. Statewide soil moisture levels were rated at 2% very short, 31% short, 63% adequate and 4% surplus. The Piedmont and Coastal regions received little precipitation this week, however there were scattered showers in the western part of the State. Average temperatures were slightly above normal again this week for most areas of the State. The dry, warm conditions allowed farmers time in the fields for harvesting. Progress was made for all commodities.

NORTH DAKOTA: Days suitable for fieldwork were 4.9. Topsoil moisture 7% very short, 20% short, 67% adequate, 6% surplus. Subsoil moisture 8% very short, 24% short, 66% adequate, 2% surplus. Durum wheat harvested 63%, 99% 2012, 74% average. Durum Wheat condition 0% very poor, 2% poor, 17% fair, 51% good, and 30% excellent. Oats harvested 97%, 100% 2012, 95% average. Canola harvested 74%, 100% 2012, 74% average. Flaxseed turning color 95%, 100% 2012, 99% average. Flaxseed harvested 37%, 91% 2012, 53% average. Flaxseed condition 2% very poor, 4% poor, 22% fair, 64% good, and 8% excellent. Sugarbeets lifted 6%, 14% 2012, 7% average. Sugarbeets condition 0% very poor, 7% poor, 37% fair, 48% good, and 8% excellent. Potatoes vines killed 48%, 83% 2012, 68% average. Potatoes condition 6% very poor, 14% poor, 39% fair, 36% good, and 5% excellent. Dry Edible Peas harvested 97%, 100% 2012, 99% average. Dry Edible Beans dropping leaves 83%, 98% 2012, 73% average. Dry Edible Beans harvested 25%, 68% 2012, 24% average. Dry Edible Beans condition 2% very poor, 12% poor, 39% fair, 40% good, and 7% excellent. Lentils harvested 83%, 100% 2012, 93% average. Sunflower ray flowers dry 81%, 97% 2012, 88% average. Sunflower bracts yellow 36%, 83% 2012, 59% average. Sunflower condition 1% very poor, 4% poor, 21% fair, 57% good, and 17% excellent. Stock water supplies 1% very short, 9% short, 82% adequate, and 8% surplus. Significant rainfall was received over much of the State last week. While last week's moisture was needed and welcomed, it did slow down the last of the small grain harvest. Some reports indicated that the moisture was received too late to help row crop development, while others mentioned it could still help put on test weight. Temperatures remained warm across the State last week with averages 1 to 5 degrees above normal.

OHIO: Days suitable for fieldwork 6. Topsoil 9% very short, 29% short, 60% adequate, 2% surplus. Subsoil 9% very short, 28% short, 60% adequate, 3% surplus. All hay 5% very poor, 9% poor, 26% fair, 51% good, 9% excellent. Third cutting hay 85%, 0% 2012, 0% avg. Fourth cutting hay 23%, 0% 2012, 0% avg. Hot temperatures in the early part of the week gave way to cooler temperatures and light rain in the later part of the week. The Northeastern part of the State received slightly above average rainfall, with the rest Ohio remaining in dry conditions with only spotty rainfall. Crop conditions all declined slightly, but farmers are still happy with their crops and seem optimistic about the coming harvest. While most corn and soybeans in the State are a week to several weeks away from being ready for harvest, harvesting has begun in a few early planted soybean and corn fields. Most producers used their time this week to plant cover crops and make hay and corn silage.

OKLAHOMA: Days suitable for fieldwork 6.6. Topsoil moisture 29% very short, 48% short, 22% adequate, 1% surplus. Subsoil moisture 29% very short, 39% short, 31% adequate, 1% surplus. Wheat seedbed prepared 62% this week, 52% last week, 61% last year, 67% average. Rye seedbed prepared 46% this week, 32% last week, 58% last year, 68% average; planted 6% this week, n/a last week, 10% last year, 17% average. Oats seedbed prepared 48% this week, 26% last week, 48% last year, 51% average. Canola

seedbed prepared 52% this week, 35% last week, 61% last year, n/a average. Corn condition 1% poor, 24% fair, 59% good, 16% excellent; dent 98% this week, 94% last week, 100% last year, 93% average; mature 80% this week, 58% last week, 89% last year, 76% average; harvested 28% this week, 14% last week, 60% last year, 46% average. Soybeans condition 7% poor, 27% fair, 60% good, 6% excellent; setting pods 90% this week, 80% last week, 83% last year, 88% average; mature 10% this week, n/a last week, 13% last year, 14% average. Alfalfa hay condition 8% very poor, 12% poor, 31% fair, 44% good, 5% excellent; 4th cutting 67% this week, 53% last week, 49% last year, 61% average; 5th cutting 9% this week, n/a last week, n/a last year, n/a average. Other hay condition 6% very poor, 10% poor, 35% fair, 44% good, 5% excellent; 2nd cutting 74% this week, 72% last week, 61% last year, 61% average. Watermelons harvested 95% this week, 90% last week, 100% last year, 98% average. Livestock condition 1% very poor, 3% poor, 28% fair, 58% good, 10% excellent. Many farmers are waiting for moisture before beginning fall planting, while some are dusting in small grain crops. Most of the State received little to no rainfall over the past week. However, heavy rain fell in the Panhandle, specifically in Cimarron County and Texas County, with Kenton recording 5.4 inches of rain. According to the September 10th U.S. Drought Monitor, all of the State is in a drought or abnormally dry, up from only 73.8 percent the week before. Water availability for livestock was a concern for producers who were feeling the effects of worsening drought conditions, as were significant insect populations, such as crickets and flies.

OREGON: Days suitable for field work 6.4 days.. Subsoil Moisture 22% Very Short, 50% Short, 28% Adequate, 0% Surplus. Subsoil Moisture 22% Very Short, 50% Short, 28% Adequate, 0% Surplus. Topsoil Moisture 18% Very Short, 50% Short, 32% Adequate, 0% Surplus. Topsoil Moisture 18% Very Short, 50% Short, 32% Adequate, 0% Surplus. Alfalfa Hay 3rd cutting 55%, 65% 2012, 79% avg. Weather The temperatures were much higher than average in all regions in Oregon. The entire State experienced below average precipitation. Cumulative precipitation is below average in most parts of Oregon. The high temperatures for the State ranged from the low-100's in the Southwestern Valleys to the low-80's in the Coastal Region. The low temperatures for the State ranged from the mid-30's in South Central Oregon to the low-60's in Willamette Valley. Field Crops In Coos County irrigation continued on maturing field corn. In Douglas County fall field preparation for grass seed and grain crops was almost complete. Fertilizer spreading and liming was presently active. In Tillamook County hay silage field growth has jumped with recent rainfall and corn silage harvest has begun on some operations. In Washington County harvest of red clover for seed was completed, irrigating field corn was underway, and seeding cover crops was underway. In Klamath County harvest continued for most crops and irrigation continued. In Union and Baker Counties grain harvest was completed, mint harvest was completed, and seed potato harvest was underway. In Umatilla County wheat farmers were getting ready to seed winter wheat. Fruits and Nuts In Coos County cranberry crop still appeared good at this stage, and other tree fruits were maturing nicely. In Douglas County wine grape harvest was underway last week in the Umpqua Valley. Grape quality looked excellent. Apple and pear harvest was going quickly for early varieties. Gala apple harvest was done as was the Bartlett pear harvest. In Lane County Hazelnuts were starting to drop. Apples and pear harvest was going well. Asian pears were looking good. Table grapes were ripening ahead of schedule. Spotted Wing Drosophila seems to have slowed down. In Washington County blueberries continued to produce, filberts were beginning to drop, walnuts were filling, and strawberry fields were being groomed for winter. In Yamhill County apple harvest continued, plum harvest was starting, and nut drop continued for hazelnuts. In Hood River County winter pear harvest continued in lower and mid Hood River Valley orchards and the Upper Valley growers prepared for winter pear harvest. Nurseries and Greenhouses In Josephine County harvesting and preserving yields of home gardens now in full swing. In Washington County culling was underway for non-marketable evergreen shrubs. Vegetables In Josephine County activity picked up in last week for local produce farms. In Washington County sweet corn harvest continued. Squashes were abundant. Carrots, potatoes, broccoli, and beets were all at farmers' markets. Livestock, Range and Pasture In Coos County irrigation continued on pastures where available. In Washington County cattle and calves were doing well as were bison. In Lake County producers reported that they will start feeding hay earlier than normal this year. In Umatilla County cattle producers are beginning to wean spring calves.

PENNSYLVANIA: Days suitable for fieldwork, 5. Soil moisture; 13% very short, 20% short, 65% adequate and 2% surplus. Fall plowing; 35% this week, 26% last week, 28% last year, and 26% average. Barley planted;

25% this week, 12% last week, 15% last year, and 16% average. Winter Wheat planted; 11% this week, 4% last week, 9% last year, and 6% average. Tobacco harvested; 90% this week, 80% last week, 88% last year, and 82% average. Potatoes harvested; 59% this week, 44% last week, 57% last year, and 44% average. Alfalfa third cutting; 94% this week, 93% last week, 98% last year, and 96% average. Alfalfa fourth cutting; 48% this week, 45% last week, 77% last year, and 61% average. Apples harvested; 55% this week, 48% last week, and 59% last year, and 49% average. Grape harvested; 15% this week, 3% last week, and 32% last year, and 11% average. Corn conditions; 1% very poor, 3% poor, 12% fair, 44 good, 40% excellent. Soybean conditions; 0% very poor, 1% poor, 16% fair, 63% good, 20% excellent. Quality of Hay made is; 0% very poor, 4% poor, 27% fair, 50% good and 19% excellent. Apples conditions; 0% very poor, 0% poor, 13% fair, 68% good and 19% excellent. Field activities for the week included cutting alfalfa, timothy and other forage; harvesting corn silage, tobacco, potatoes, peaches, apples and grapes, planting barley and winter wheat, applying fertilizer, mowing pastures, spraying herbicides and pesticides and applying lime to fields.

SOUTH CAROLINA: Days suitable for fieldwork 6.6. Soil moisture 6% very short, 39% short, 53% adequate, 2% surplus. Soybeans 1% very poor, 6% poor, 25% fair, 65% good, 3% excellent. Livestock condition 0% very poor, 0% poor, 17% fair, 81% good, 2% excellent. Corn matured 100%, 100% 2012, 100% avg. Corn harvested 62%, 86% 2012, 86% avg. Soybeans bloomed 93%, 94% 2012, 98% avg. Soybeans pods set 68%, 80% 2012, 91% avg. Soybeans leaves turning color 5%, 10% 2012, 11% avg. Tobacco harvested 96%, 97% 2012, 97% avg. Tobacco stalks destroyed 55%, 71% 2012, 67% avg. Peaches harvested 100%, 100% 2012, 99% avg. Winter grazings planted 8%, 7% 2012, 10% avg. Another week filled with lots of sunshine and no significant rainfall, allowed most crops to continue to make improvements in condition and yield potential, as various field activities proceeded at a steady pace. The week ended with a few scattered showers, which at this point was a much needed and welcomed sight.

SOUTH DAKOTA: Days suitable for fieldwork 6.2. Topsoil moisture 17% very short, 42% short, 40% adequate, 1% surplus. Subsoil moisture 16% very short, 44% short, 39% adequate, 1% surplus. Sunflower ray flowers dry 83%, 95% 2012, 88% average. Sunflower bracts yellow 38%, 80% 2012, 63% average. Sunflower condition 1% very poor, 22% poor, 25% fair, 46% good, 6% excellent. 3rd cutting of alfalfa 88% complete, 79% 2012, 76% average. Alfalfa hay condition 0% very poor, 9% poor, 38% fair, 46% good, 7% excellent. Stock water supplies 4% very short, 25% short, 68% adequate, 3% surplus. Above normal temperatures continued Statewide. Row crops were moving towards maturity, with corn silage harvest in full swing. Baling hay and moving bales were other major activities.

TENNESSEE: Days suitable 6.0. Topsoil moisture 2% very short, 29% short, 67% adequate, 2% surplus. Subsoil moisture 18% short, 80% adequate, 2% surplus. Cotton crop continued to respond well to hot, dry conditions. Crops were rated good-to-excellent. Corn dried down in the 18-20% range. Other farm activities included tobacco and hay harvest. Pasture condition deteriorated slightly due to lack of moisture.

TEXAS: Hot and dry conditions continued across much of the State last week, with most areas receiving less than one quarter inch of rainfall. Coastal areas of the Lower Valley and the Coastal Bend, however, received significant rain with storms producing very heavy rainfall in localized areas. Small Grains Wheat seeding continued in many areas of the State. Some producers dry seeded in anticipation of future rainfall, while others continued to wait for additional moisture. Row Crops Cotton harvest continued from South Central Texas to the Lower Valley; however, some harvesting was delayed due to heavy rainfall. Peanuts continued to mature in South Texas. Producers in the Blacklands harvested cotton, soybeans, sorghum, and sunflowers. Fruit, Vegetable and Specialty Crops Fall planted vegetables were showing signs of stress in North East Texas. Vegetable planting continued in the Lower Valley. Pecan nut development continued in South Texas. Heavy precipitation delayed sesame harvest in the Coastal Bend. Livestock Range and Pasture Producers in the Cross Timbers, the Blacklands, and North East Texas continued to be concerned about livestock water supplies. Some hay was being baled in the Cross Timbers, with some producers supplementing with hay. Pastures in the Plains were stressed by hot, dry conditions, but range and pasture conditions in South Texas, the Coastal Bend, and the Lower Valley has improved with recent rains.

UTAH: Days Suitable For Field Work 4. Subsoil Moisture 14% very short, 33% short, 52% adequate, 1% surplus. Irrigation Water Supplies 25% very short, 35% short, 39% adequate, 1% surplus. Winter Wheat,

Planted For Harvest Next Year 40%, 26% 2012, 25% avg. Oats harvested (grain) 90%, 88% 2012, 87% avg. Corn dough 89%, 92% 2012, 88% avg. Corn dent 55%, 64% 2012, 44% avg. Corn mature 16%, 21% 2012, 14% avg. Corn silage, harvested 26%, 32% 2012, 8% avg. Corn condition 0% very poor, 0% poor, 17% fair, 66% good, 17% excellent. Alfalfa Hay 3rd Cutting 75%, 85% 2012, 72% avg. Onions harvested 8%, 27% 2012, 30% avg. Cattle and calves moved From Summer Range 15%, 13% 2012, 13% avg. Cattle and calves condition 0% very poor, 2% poor, 21% fair, 73% good, 4% excellent. Sheep and lambs moved From Summer Range 19%, 9% 2012, 16% avg. Sheep Condition 0% very poor, 0% poor, 26% fair, 68% good, 6% excellent. Stock Water Supplies 8% very short, 25% short, 64% adequate, 3% surplus. Apples harvested 16%, 26% 2012, 17% avg. Peaches harvested 76%, 74% 2012, 67% avg. This week saw cooler temperatures with scattered showers around Box Elder County. Some of the showers produced a good amount of moisture. In Cache County, very little field work has been accomplished this week because of persistent rain showers. Lots of hay has been damaged in the fields. Rains were heavy at times in Utah County and slowed field work. Some hay is turning black in the windrows but Range conditions are better due to the rains. In Box Elder County, grain is being planted fairly shallow since there is good moisture in the top 4 inches of soil. Grain will begin to emerge this week. Alfalfa hay producers are finishing third cutting of alfalfa. Onion producers are ready to begin harvest but have been waiting for dry weather. It looks like the onion crop will be better than average. Silage corn is being harvested and put in the pit. Grain corn is beginning to dry down. Growers in Cache County are also chopping corn, as field conditions permit. Safflower is also ready to harvest, but warmer weather is needed. In Morgan County, corn silage is still immature and needs a few more weeks before it will be ready for harvest. Peach production in Utah County is very good this year. Apple production also looks to be good. In Wayne County, some second crop alfalfa and oat hay is still in the windrow and has suffered significant rain damage. Second crop alfalfa is over mature and quality has been hurt. Corn silage harvest is beginning in Weber County. Much of fourth cutting alfalfa has been rained on, reducing its quality. The extended dry spring and summer has been hard on many ranchers in Box Elder County. There is not much fall feed on many pastures so ranchers will be relying on their own or purchased hay to make it through the fall and winter. Sheep producers have been sorting lambs and bringing their herds off of summer ranges in the high country. Cattle and sheep are grazing limited forage on range and pasture lands in Cache County. Most are in good condition. Cattle in Uintah County are being moved from summer ranges early this year because of a lack of feed.

VIRGINIA: Days suitable for fieldwork 6.4. Topsoil moisture 3% very short, 27% short, 68% adequate, 2% surplus. Subsoil moisture 2% very short, 20% short, 74% adequate, 4% surplus. Livestock 2% poor, 12% fair, 56% good, 30% excellent. Other hay 4% very poor, 9% poor, 25% fair, 52% good, 10% excellent. Alfalfa hay 4% very poor, 7% poor, 22% fair, 52% good, 15% excellent. Corn 1% very poor, 4% poor, 10% fair, 51% good, 34% excellent. Corn dough 99%, 100% 2012, 100% 5-yr avg. Corn dent 92%, 91% 2012, 91% 5-yr avg. Corn mature 75%, 79% 2012, 75% 5-yr avg. Corn harvested 37%, 47% 2012, 33% 5-yr avg. Corn silage harvested 72%, 74% 2012, 64% 5-yr avg. Soybeans 1% very poor, 2% poor, 19% fair, 59% good, 19% excellent. Soybeans setting pods 94%, 94% 2012, 83% 5-yr avg. Soybeans dropping leaves 9%, 9% 2012, 16% 5-yr avg. Winter wheat seeded 2%, 0% 2012, 4% 5-yr avg. Barley seeded 10%, 0% 2012. Flue cured tobacco harvested 72%, 51% 2012, 52% 5-yr avg. Burley tobacco 1% very poor, 4% poor, 22% fair, 61% good, 12% excellent. Burley tobacco harvested 49%, 52% 2012, 50% 5-yr avg. Dark Fire Cured Tobacco harvested 94%, 84% 2012, 78% 5-yr avg. All apples 1% poor, 4% fair, 94% good, 1% excellent. Fall apples harvested 34%, 69% 2012, 33% 5-yr avg. Winter apples harvested 14%, 33% 2012. Peaches harvested 96%, 94% 2012, 99% 5-yr avg. Grapes 2% very poor, 4% poor, 9% fair, 85% good. Oats seeded 8%. Overall, it was a dry week for the Commonwealth with only occasional light rain showers. Temperatures were about 4 to 5 degrees warmer than normal with the daytime highs around 91 to 94 degrees. As the week progressed, nighttime lows dropped in the 40s and 50s. Days suitable for fieldwork were 6.4. Farmers took advantage of the dry weather to make good progress on the corn harvest. The corn harvest was ahead of the 5-year average, but behind last year's progress. Concerns were growing over the double crop soybeans due to the lack of water. Other farming activities for the week included harvesting tobacco, spraying soybeans, and preparing to plant small grains.

WASHINGTON: Days suitable for field work 5.8 days. Field Corn Field Corn Dough 85%, 77% last year, 76% five-year average. Field Corn Field Corn Dent 60%, 24% last year, 41% five-year average. Field Corn Field Corn Mature 15%, 13% last year, 10% five-year average. Field Corn Field Corn Harvested 5%, 3% last

year, 1% five-year average. Field Corn Harvested for Silage Harvested for Silage 20%, 16% last year, 18% five-year average. Potatoes Harvested 55%, 44% last year, 47% five-year average. Dry Edible Beans Harvested 61%, 48% last year, 49% five-year average. Dry Edible Peas Harvested 97%, 100% last year, 98% five-year average. Alfalfa Hay Third Cutting 90%, 86% last year, 81% five-year average. Alfalfa Hay Fourth Cutting 25%, 27% last year, 26% five-year average. Dry Edible Beans Condition 1% Very Poor, 5% Poor, 42% Fair, 48% Good, 4% Excellent. Field Corn 0% Very Poor, 0% Poor, 15% Fair, 64% Good, 21% Excellent. Hay and other Roughage 2% Very Short, 12% Short, 80% Adequate, 6% Surplus. Irrigation Water Supply 1% Very Short, 3% Short, 95% Adequate, 1% Surplus, Potatoes 0% Very Poor, 0% Poor, 9% Fair, 55% Good, 36% Excellent. Range and Subsoil Moisture 5% Very Short, 38% Short, 56% Adequate, 1% Surplus. Topsoil Moisture 5% Very Short, 28% Short, 58% Adequate, 9% Surplus. Days suitable for fieldwork were 5.8. Winter wheat seeding continued in Whitman and Lincoln County along with some emergence. In Adams County, winter wheat seeding also was underway but precipitation caused some acreage to be replanted because of crusting. Field corn harvest continued in Grant and Whatcom County with reports of good growing conditions. In Thurston County, Christmas tree growers began removing stakes from Noble and Nordman fir leaders. In the Yakima Valley, thundershowers passed through accompanied by high winds and lightning with no crop loss reported. Apple harvest continued with Gala, Honeycrisp, Granny and Golden Delicious varieties coming into the packinghouses. Early wine grape varieties were harvested as well. Hop harvest continued and some field corn harvest was reported. In Chelan County, torrential rains and thunderstorms crossed the tree fruit region causing local flooding and significant hail damage. The harvest of Gala apples neared completion with reports of slightly lower than expected yields. Bartlett pears were mostly picked, and winter storage pears harvested with reports of excellent fruit size and yield. In Grays Harbor, dairy producers continued harvesting forage crops, most of which were being made into haylage.

WEST VIRGINIA: Days suitable for fieldwork was 6. Topsoil moisture was 13% short, 82% adequate, and 5% surplus compared to 13% very short, 42% short, 44% adequate, and 1% surplus last year. Corn conditions were 15% fair, 41% good, and 44% excellent. Corn was 92% doughing, 95% in 2012, and 94% 5-year avg. Corn was 56% dented, 81% in 2012, and 71% 5-year avg. Corn was 6% mature, 17% in 2012, and 22% 5-year avg. Soybean conditions were 13% fair, 42% good, and 45% excellent. Soybeans were 95% setting pods, comparison data not available. Soybeans were 30% dropping leaves, 59% in 2012, and 47% 5-year avg. Hay conditions were 1% very poor, 5% poor, 22% fair, 63% good, and 9% excellent. Hay second cutting was 79%, 91% in 2012, and 90% 5-year avg. Hay third cutting was 12%, 32% in 2012, and 32% 5-year avg. Apple conditions were 40% fair, 57% good, and 3% excellent. Apples were 33% harvested, 53% in 2012, and 40% 5-year avg. Peaches were 89% harvested, comparison data not available. Cattle and calves were 2% poor, 8% fair, 81% good, and 9% excellent. Sheep and lambs were 1% poor, 8% fair, 89% good, and 2% excellent. Farming activities included harvesting apples, peaches, pumpkins, and corn for silage. Rain was scattered across the State this week; farmers made hay as they were able.

WISCONSIN: Days suitable for fieldwork 6.1. Topsoil moisture 33% very short, 42% short, 25% adequate, and 0% surplus. Subsoil moisture 32% very short, 47% short, 21% adequate, and 0% surplus. Third cutting hay 93%, 100% 2012, 96% avg. Fourth cutting hay 35%, 86% 2012, 51% avg. A last blast of summer heat gave way to damp, chilly conditions this week. Though temperatures reached the 90s across most of the State early in the week, daytime highs were only in the 60s by the weekend. Many reporters in the northern half of the State observed frost as the cold front came through, though it was reportedly patchy and light for most. Wisconsin's State median date for the first 32 degree frost falls between September 21 and October 10. Widespread rainfall also accompanied the front, including some much-needed precipitation for the dry western portions of the State. Reporters there noted that the rain was too late to help drought damaged crops, but that it should bolster fall seedings, pastures and hay stands as they prepare to overwinter. Silage harvest continued with producers chopping corn that will not mature. Some reporters noted that feed shortages were forcing early silage chopping, especially in areas where pastures were dried up. Across the reporting stations, average temperatures last week were 4 to 6 degrees above normal. Average high temperatures ranged from 76 to 82 degrees, while average low temperatures ranged from 54 to 62 degrees. Precipitation totals ranged from 0.01 inches in Milwaukee to 1.39 inches in Green Bay.

WYOMING: Days suitable for field work 3.5. Topsoil moisture 9% very short, 24% short, 67% adequate. Subsoil moisture 14% very short, 31% short, 54% adequate, 1% surplus. Irrigation water supply 16% very short, 18% short, 66% adequate. Barley harvested 85%, 96% 2012, 87% avg. Oats turning color 98%, 100% 2012, 100% avg., mature 94%, 99% 2012, 97% avg.; harvested 85%, 97% 2012, 92% avg. Spring wheat harvested 94%, 100% 2012, 93% avg. Winter Wheat planted 60%, 57% 2012, 63% avg.; emerged 39%, 3% 2012, 23% avg. Corn condition 1% very poor, 5% poor, 19% fair, 55% good, 20% excellent; in dough 66%, 92% 2012; 80% avg.; dent 34%, 62% 2012, 50% avg.; mature 7%, 19% 2012, 12% avg. Corn silage harvested 52%, 35% 2012, 33% avg. Dry beans condition 2% poor, 13% fair, 64% good, 21% excellent; leaves turning color 85%; 93% 2012, 89% avg.; windrowed 47%, 63% 2012, 48% avg.; combined 18%, 38% 2012, 20% avg. Sugar beets condition 1% poor, 25% fair, 58% good, 16% excellent; harvested 9%, 8% 2012, 2% avg. Alfalfa condition 1% very poor, 4% poor, 25% fair, 60% good, 10% excellent; third cutting 40%, 55% 2012, 31% avg. Crop insect infestation 69% none, 30% light, 1% moderate. Average temperatures range from 51 degrees at Lake Yellowstone to 67 degrees at Torrington. Temperatures were above normal at all of the 33 reporting stations. Only 6 stations reported below normal precipitation for the week. Lander, Powell, Gillette, Newcastle Sheridan, Sundance, Buford, Cheyenne, and Chugwater are the only stations reporting above normal precipitation for the year. High temperatures ranged from 69 degrees at Evanston to 93 degrees at Torrington. Low temperatures ranged from 33 degrees at Lake Yellowstone to 54 degrees at Torrington. Cheyenne and Buford received the most precipitation for the week at 5.41 inches and 5.87 inches, respectively. All 33 reporting stations reported precipitation.

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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