



Crop Progress - State Stories

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ALABAMA: Days suitable for fieldwork were 6.4. Topsoil moisture 0% very short, 4% short, 83% adequate, and 13% surplus. Corn dented 93%, 86% last week, 100% 2012, and 97% five-year average. Corn mature 47%, 39% last week, 98% 2012, and 83% five-year average. Corn Harvested 6%, 2% last week, 60% 2012, and 28% five-year average. Corn condition 0% very poor, 1% poor, 7% fair, 55% good, and 37% excellent. Soybeans blooming 83%, 80% last week, 100% 2012, and 97% five-year average. Soybeans setting pods 70%, 61% last week, 92% 2012, and 85% five-year average. Soybeans dropping leaves 3%, 2% last week, 15% 2012, and 18% five-year average. Soybean condition 0% very poor, 1% poor, 13% fair, 65% good, and 21% excellent. Livestock condition 0% very poor, 1% poor, 11% fair, 65% good, and 23% excellent. The week's average mean temperatures ranged from 74.6°F in Opelika, to 81.8°F in Dauphin Island; total precipitation ranged from 0.00 inches in many areas of the State, to 1.87 inches in Geneva. Dryer weather finally reached Alabama last week allowing much needed field activities to occur. Corn held in good to excellent condition. Harvesting began to pick up as the week progressed and fields dried. Soybeans remained in good to excellent condition. Spraying occurred to address insect and disease concerns. Livestock and pastures were steady at good to excellent. Many producers were busy cutting and putting up hay. Reports of reduced hay quality continued.

ALASKA: Days suitable for fieldwork 4.0. Topsoil moisture 40% short, 60% adequate. Subsoil moisture 15% very short, 35% short, 50% adequate. Barley 40% harvested. Oats 5% harvested. Potato harvest was 5% complete. Second cutting hay 45% complete. Wind and rain damage 95% none, 5% light. Condition of barley 5% very poor, 30% poor, 35% fair, 30% good. Condition of oats 5% very poor, 20% poor, 40% fair, 35% good. Condition of hay 5% very poor, 20% poor, 35% fair, 40% good. Condition of potatoes 25% fair, 60% good, 15% excellent. Main farm activities for the week were harvesting small grains, hay and vegetables, weed control, general farm maintenance.

ARIZONA: Temperatures were mostly above normal across the State for the week ending September 1, 2013, ranging from 3 degrees below normal at Bullhead City and Buckeye to 7 degrees above normal at the Grand Canyon. The highest temperature of the week was 108 degrees recorded in Bullhead City. The lowest reading was 48 degrees at Flagstaff. All twenty-two weather stations recorded precipitation last week. Safford received the least precipitation at 0.02 inches and Flagstaff received the most at 3.61 inches. Fourteen of the 22 stations have received more than 70 percent of normal precipitation. Central Arizona is preparing ground for fall crop, alfalfa, and winter vegetables. Melon harvest continues in the northwest part of Maricopa County (Aguila). Dairies continue to work around the clock. Land is being prepared for fall vegetables in the western and central part of the State. Monsoon rains have brought in needed moisture to some locations 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 10% very short, 50% short, 38% adequate, 2% surplus. Subsoil moisture 9% very short, 47% short, 43% adequate, 1% surplus. Corn 100% dough, 100% 2012, 100% avg.; 97% dent, 100% 2012, 100% avg.; 78% mature, 100% 2012, 92% avg.; 24% harvested, 89% 2012, 51% avg.; condition 2% very poor, 6% poor, 27% fair, 48% good, 17% excellent. 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 good.

CALIFORNIA: A static weather pattern remained over the Western United States during the week as a strong, blocking ridge of high pressure lay over the Central U.S. and a low pressure trough lay off the West

Coast. The relatively dry southwest flow over California that resulted from this pattern gave the State dry and warm weather for the week. Some isolated thunderstorms brought rainfall to the southeastern deserts and to the mountains at times. Temperatures were generally above seasonal normal levels. Rice continued to head out and it was virtually complete by week's end. Producers were draining fields and getting equipment ready for harvest. Cotton bolls opening were nearly a third complete by week's end. Conditions were 85% good to excellent as growers noted fields were showing signs of water stress. Reporters noted insect pressure as whitefly and aphids were apparent. Producers, however, were also scouting for mites. Insect presence increased for alfalfa, primarily cowpea aphid, and growers continued to cut, windrow, rake and bale with good drying conditions. Black-eyed peas were in various developmental stages, with some pods drying and some still developing. Sugarbeets were irrigated and continued to grow. Sudan grass was cut and baled. Potatoes were ripening. Garbanzo beans, sorghum and corn for silage harvest continued. Pomegranate harvest began in the San Joaquin Valley. Olives continued to size on trees, with some heavy sets reported. Blueberry bushes were pruned. Bosc and Bartlett pear harvests slowed. Asian pear harvest remained active. Gala, Granny Smith and Fuji apples harvest continued. Grapes for fresh were covered with plastic for protection from the coming rain. Fresh grape harvest of Flame Seedless, Princess, Red Globe, Scarlet Royal, Summer Royal, Sugarone, Sweet Sunshine and Thompson Seedless varieties continued. Wine grape harvest increased across the State; sugar levels were reportedly good. In the San Joaquin Valley, raisin grapes were dried either on the vine or on trays. Prune harvest was winding down. The harvest of freestone peaches, nectarines, and plums progressed. Growers topped harvested stone fruit trees. Clingstone peach harvest was complete. Kiwifruit and persimmons continued to develop. New orange and mandarin groves were planted. Valencia orange harvest was ongoing. Ruby Red grapefruit and lemons were harvested. Almond harvest was in full swing. Walnut and pistachio growers irrigated leveled, mowed and cleaned orchards in preparation for harvest. Green pepper harvest began in Tulare County and harvest continued for cucumbers, eggplant and squash. Fresno County reported the following vegetables were harvested onion, garlic, processing and cherry tomatoes, carrots, bell peppers, summer squash, cucumbers, beets, bitter melon, Swiss chard, bok choy, gai choy, yu choy, beans, kales, lemon grass, chile peppers, spinach, turnips, green onions, daikon, eggplant, parsley, sweet corn, cantaloupe, honeydew and watermelon. Winter carrots were planted. Cantaloupes, watermelon, honeydew, Hami melons, tomatoes, and basil were harvested in Stanislaus County. Broccoli was planted. San Joaquin County reported harvest continued for processing cucumbers and tomatoes. Preparation for onion harvest was beginning in Siskiyou County. Range and non-irrigated pasture were in fair to very poor condition with little forage. Some cattle herds were reduced in response to the shortage of feed. Available water at lower elevations continued to diminish. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Livestock supplemental feeding of hay and grain continued. Bees worked alfalfa, melon and squash fields.

COLORADO: Days suitable for field work 6.6 days. Topsoil moisture 24% very short, 43% short, 33% adequate. Subsoil moisture 36% very short, 44% short, 20% adequate. Winter wheat planted 3%, 0% 2012, 3% avg. Spring barley harvested 68%, 82% 2012, 71% avg, condition 4% poor, 33% fair, 54% good, 9% excellent. Spring wheat harvested 68%, 52% 2012, 44% avg, condition 13% very poor, 12% poor, 34% fair, 37% good, 4% excellent. San Luis Valley potatoes harvested 9%, 21% 2012, 9% avg, condition 1% poor, 24% fair, 65% good, 10% excellent. All Other potatoes harvested 34%, 63% 2012, 32% avg, condition 52% fair, 46% good, 2% excellent. Dry Beans cut 25%, 37% 2012, 15% avg, condition 7% very poor, 14% poor, 39% fair, 38% good, 2% excellent. Alfalfa 3rd cutting 54%, 78% 2012, 50% avg, condition 12% very poor, 13% poor, 34% fair, 36% good, 5% excellent. Dry onions harvested 14, 31% 2012, 28% avg, condition 2% poor, 26% fair, 67% good, 5% excellent. Livestock condition 3% very poor, 7% poor, 39% fair, 50% good, 1% excellent. Sugarbeets condition 4% poor, 25% fair, 65% good, 6% excellent. Sunflower condition 15% very poor, 15% poor, 40% fair, 27% good, 3% excellent. Conditions were ideal for harvesting activities throughout most of the State. Warm temperatures and high winds depleted field moisture in some areas where rain is needed.

DELAWARE: Days suitable for fieldwork 6.0. Topsoil moisture 2% very short, 12% short, 65% adequate, 21% surplus. Subsoil moisture 1% very short, 7% short, 72% adequate, 20% surplus. Hay supplies 0% very short, 8% short, 76% adequate, 16% surplus. Other hay third cutting 58% this week, 53% last week, 71% last year, 64% average. Alfalfa hay third cutting 90% this week, 85% last week, 100% last year, 92% average. Alfalfa hay fourth cutting 33% this week, 20% last week, 53% last year, 21% average. Corn condition 1% very

poor, 7% poor, 17% fair, 38% good, 37% excellent. Soybean condition 1% very poor, 8% poor, 30% fair, 51% good, 10% excellent. Corn at the dent stage 73% this week, 64% last week, 96% last year, 88% average. Corn mature 22% this week, 7% last week, 39% last year, 38% average. Soybeans in bloom 92% this week, 84% last week, 99% last year, 97% average. Cucumbers harvested 85% this week, 82% last week, 89% last year, 87% average. Lima Beans harvested 59% this week, 53% last week, 70% last year, 63% average. Snap beans harvested 92% this week, 82% last week, 84% last year, 85% average. Sweet Corn harvested 95% this week, 84% last week, 95% last year, 91% average. Watermelons harvested 95% this week, 86% last week, 93% last year, 91% average.

FLORIDA: Topsoil moisture 2% short, 72% adequate, 26% surplus. Subsoil moisture 3% very short, 64% adequate, 33% surplus. Escambia, Santa Rosa counties sprayed, started harvest of peanuts, corn. Suwannee County white mold on peanuts. Washington, Gulf, Walton, Dixie, Pasco, Levy counties cutting hay. Soybeans in Panhandle sprayed. Pasture Condition 3% poor, 15% fair, 57% good, 25% excellent. Cattle Condition 1% poor, 9% fair, 60% good, 30% excellent. Statewide flooding limited forage condition. Most pasture, cattle in good condition. Pastures in some locations had standing water, army worms. Horses in Dixie County showed signs of colic, thrush, due to rain. Citrus growing area completely droughts free. Orange fruit larger than golf ball size, grapefruit between baseball and softball size. Grove; activity resetting new trees, young tree care, herbicide application, brush removal, psyllid control.

GEORGIA: Days suitable for fieldwork 6.0. Topsoil moisture 8% short, 73% adequate, 19% surplus. Subsoil moisture 4% short, 72% adequate, 24% surplus. Corn 4% very poor, 7% poor, 33% fair, 42% good, 14% excellent. Corn harvested 53%, 75% 2012, 65% avg. Hay second cutting 87%, 99% 2012. Pecans 1% very poor, 5% poor, 48% fair, 38% good, 8% excellent. Sorghum 1% very poor, 5% poor, 37% fair, 47% good, 10% excellent. Sorghum harvested 18%, 12% 2012, 15% avg. Soybeans 1% very poor, 3% poor, 24% fair, 62% good, 10% excellent. Tobacco harvested 87%, 83% 2012, 77% avg. Precipitation estimates for the State ranged from no rain up to 1.9 inches. Average high temperatures ranged from the mid 80s to the lower 90s. Average low temperatures ranged from the lower 60s to the lower 70s.

HAWAII: Days suitable for fieldwork 7.0. Topsoil moisture 13% very short, 66% short, 21% adequate, 0% surplus. Only the mountain located stations reported over half an inch of measurable rainfall during the week with some stations reporting no measurable rainfall. The average weekly total rainfall across the State was 0.30 inch of measurable precipitation. The total drought-free area in the State fell to 20.82 percent compared to last week's percentage of 24.54 percent. 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. 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, August 30, 2013, compared to the previous week's level. The State operated reservoir's capacity on Molokai Island was down 0.50 feet on Friday, August 30, 2013, compared to the previous week's level. The Hawaii County reservoir was up 1.0 foot on Friday, August 30, 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 6.3 days. Topsoil moisture 13% very short, 43% short, 44% adequate, 0% surplus. Onions harvested 18%, 29% 2012, 17% avg. Potato vines killed 26%, 39% 2012, 31% avg. Potatoes harvested 3%, 7% 2012, 3% avg. Oats harvested for grain 78%, 78% 2012, 67% avg. Dry peas harvested 86%, 63% 2012, 61% avg. Lentils harvested 64%, 46% 2012, 50% avg. Dry beans harvested 12%, 17% 2012, 22% avg. Alfalfa hay 3rd cutting harvested 57%, 61% 2012, 48% avg. Alfalfa hay 4th cutting harvested 8%, 10% 2012, 6% avg. Mint 1st cutting harvested 99%, 93% 2012, 91% avg. Many harvests are well ahead of the 2008-2012 average. Barley and spring wheat are 28 and 29 percentage points ahead of the 5-year average, respectively. Winter wheat is 8 points ahead. Hay harvests have been slowed by rain in several areas of the State, but the third cutting of alfalfa is still 9 points ahead of the 5-year average. Seventy-two percent of the potato crop still in the field is in good to excellent condition.

ILLINOIS: Days suitable for fieldwork 6.6. Topsoil moisture 27% very short, 50% short, 23% adequate. Subsoil moisture 16% very short, 50% short, 34% adequate. Alfalfa 79% third cut, 90% 2012, 82% avg.;

condition 2% very poor, 10% poor, 37% fair, 45% good, and 6% excellent. Hot, dry weather dominated the State with measurable amounts of precipitation limited to the Northeast and Southeast districts. Statewide temperatures averaged 80.0 degrees, 6.8 degrees above normal. Precipitation across the State averaged 0.30 inches, 0.53 inches below normal. The dry conditions across the State continue to have a negative impact on the crop conditions with many reports of firing in corn fields across the State. Activities included scouting fields, preparing equipment for harvest, and mowing and baling hay.

INDIANA: Days suitable for fieldwork 6.5. Topsoil moisture 17% very short, 48% short, 34% adequate, 1% surplus. Subsoil moisture 14% very short, 42% short, 44% adequate. Alfalfa third cutting 91%, 89% 2012, 84% avg. Tobacco harvested 24%, 28% 2012, 17% avg. Temperatures ranged from 7o to 10o above normal with a low of 50o and a high of 97o. Precipitation ranged from 0.0 to 3.91 inches. Signs of stress were evident in corn and soybeans due to the recent hot, dry weather. The corn crop is being forced to mature earlier than expected in many areas because of the heat and lack of moisture. Some entire soybean fields are starting to come to maturity and are beginning to turn color while only portions of other fields are turning because of disease issues. Spider mites are beginning to show up in some soybean fields but have remained below critical levels. Harvest of corn silage and processing tomatoes gained momentum during the week. Other activities included scouting soybean fields for aphids, preparing harvest equipment, cleaning grain bins, monitoring irrigation systems, cutting and baling hay, mowing roadsides and taking care of livestock.

IOWA: Days suitable for fieldwork 6.7. Topsoil moisture 44% very short, 34% short, and 22% adequate. Subsoil moisture 35% very short, 39% short, and 26% adequate. Alfalfa 3rd cutting progress 77%, 98% 2012, 72% average. Above average temperatures prevailed across Iowa during the week. Although most of the State received little or no rainfall, parts of western Iowa experienced beneficial rain. While hot temperatures allowed crops to mature, crop conditions deteriorated last week in response to the heat and lack of moisture.

KANSAS: Days Suitable for field work 6.8. Topsoil moisture 13% very short, 39% short, 46% adequate, 2% surplus. Subsoil moisture 17% very short, 32% short, 50% adequate, and 1% surplus. Sunflowers blooming 93%, 89% 2012, 89% avg. Sunflowers ray flowers dried 39%, 48% 2012, 37% avg. Sunflower turned yellow 9%, 26% 2012, 14% avg. Sunflower conditions 5% very poor, 13% poor, 42% fair, 37% good, 3% excellent. Alfalfa third cutting 95%, 90% 2012, 95% avg. Alfalfa fourth cutting 15%, 32% 2012, 31% avg. Stock water supplies 8% very short, 18% short, 70% adequate, 4% surplus. Another week of warm and dry conditions advanced crop development across the State. Producers were busy harvesting hay and silage crops, applying pesticides, and preparing fields for fall seeding. Dryland corn harvest got underway in a few areas.

KENTUCKY: Days suitable 5.9. Topsoil moisture 1% very short, 16% short, 73% adequate, 10% surplus. Subsoil moisture 1% very short, 15% short, 75% adequate, 9% surplus. Precipitation averaged 1.30 in., 0.56 in. above normal. Temperatures averaged 78 degrees, 4 degrees warmer than normal. Burley tobacco topped 82%, 81% 2012, 90% avg. Burley tobacco cut 41%, 32% 2012, 43% avg. Dark tobacco topped 95%, 100% 2012, 100% avg. Dark tobacco cut 35%, 37% 2012, 44% avg. Condition of set tobacco 4% very poor, 11% poor, 26% fair, 45% good, 14% excellent. Condition of housed tobacco 4% poor, 21% fair, 66% good, 9% excellent. Twenty-one percent of respondents reported evidence of houseburn in housed tobacco. This week consisted of very hot and humid conditions. Primary activities this week included cutting and housing tobacco and preparing for grain harvest.

LOUISIANA: Days suitable for fieldwork, 6.4. Soil moisture 9% very short, 39% short, 48% 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 89% this week, 63% last week, 94% last year, 87% average; Corn condition 0% very poor, 0% poor, 27% fair, 59% good, 14% excellent. Hay second cutting 97% this week, 96% last week, 96% last year, 92% average. Sweet Potatoes harvested 10% this week, 4% last week, 8% last year, 8% average. Sweet Potatoes condition 0% very poor, 1% poor, 28% fair, 71% good, 0% excellent. Vegetables condition 2% very poor, 19% poor, 42% fair, 35% good, 2% excellent. Sugarcane planted 51% this week, 32% last week, 43% last year, 49% average; Sugarcane condition 1% very poor, 7% poor, 23% fair, 54% good, 15% excellent. Livestock condition 1% very poor, 6% poor, 37% fair, 50% good, 6% excellent.

MARYLAND: Days suitable for fieldwork 6.5. Topsoil moisture 4% very short, 20% short, 70% adequate, 6% surplus. Subsoil moisture 4% very short, 19% short, 70% adequate, 7% surplus. Hay supplies 0% very short, 8% short, 81% adequate, 11% surplus. Other hay third cutting 54% this week, 32% last week, 43% last year, 50% average. Alfalfa hay third cutting 90% this week, 70% last week, 96% last year, 93% average. Alfalfa hay fourth cutting 28% this week, 13% last week, 56% last year, 34% average. Corn condition 0% very poor, 0% poor, 15% fair, 43% good, 42% excellent. Soybean condition 0% very poor, 4% poor, 11% fair, 53% good, 32% excellent. Corn in the dent stage 68% this week, 48% last week, 67% last year, 75% average. Corn mature 29% this week, 9% last week, 35% last year, 33% average. Soybeans in bloom 98% this week, 90% last week, 100% last year, 96% average. Soybeans setting pods 86% this week, 71% last week, 91% last year, 86% average. Cucumbers harvested 80% this week, 77% last week, 88% last year, 87% average. Lima beans harvested 70% this week, 66% last week, 69% last year, 62% average. Snap beans harvested 90% this week, 83% last week, 94% last year, 89% average. Sweet Corn harvested 87% this week, 83% last week, 88% last year, 85% average. Watermelons harvested 77% this week, 70% last week, 78% last year, 80% average.

MICHIGAN: Days suitable for fieldwork 5. Topsoil 9% very short, 28% short, 60% adequate, 3% surplus. Subsoil 9% very short, 32% short, 57% adequate, 2% surplus. All hay 4% very poor, 14% poor, 28% fair, 40% good, 14% excellent. Second cutting hay 97%, 99% 2012, 94% avg. Third cutting hay 56%, 73% 2012, 57% avg. Dry beans 4% very poor, 12% poor, 33% fair, 42% good, 9% excellent. Dry beans turning 27%, 65% 2012, 52% avg. Several scattered showers in the middle of the week provided much needed moisture to crops across the State. Although the rainfall may be too late to help along the corn crop in many areas, others are hopeful that warmer temperatures will aid in maturity. In locations where little or no rain was received, crops continue to struggle from recent dry weather. However, the rainfall will benefit soybeans and dry beans with pod fill and also help improve the tonnage on sugarbeets, which are scheduled to begin harvest next week.

MINNESOTA: Days suitable for fieldwork 6.6. Topsoil moisture 24% Very Short, 42% Short, 34% Adequate. Subsoil moisture 18% Very Short, 43% Short, 39% Adequate. Corn, milk 94%, 100% 2012, 98% average. Sweet corn harvested 56%, 83% 2012, 64% average. Dry beans, setting pods 96%, 100% 2012. Dry beans, fully podded 87%, 99% 2012. Dry beans, leaves yellow 35%, 87% 2012. Dry beans, dropping leaves 9%, 62% 2012. Potatoes, harvested 24%, 29% 2012, 24% average. Alfalfa, third cutting 63%. Sugarbeets condition 1% very poor, 7% poor, 26% fair, 59% good and 7% excellent. Sunflowers condition 3% poor, 53% fair, 40% good and 4% excellent. Potatoes condition 2% very poor, 3% poor, 13% fair, 48% good and 34% excellent. Canola condition 4% poor, 64% fair, 31% good and 1% excellent. Dry Beans condition 4% very poor, 14% poor, 41% fair, 34% good and 7% excellent.

MISSISSIPPI: Days suitable for fieldwork 6.8. Soil moisture 17% very short, 27% short, 55% adequate, 1% surplus. Corn dough 100%, 100% 2012, 100% avg. Corn dent 100%, 100% 2012, 100% avg. Corn mature 90%, 100% 2012, 97% avg. Corn harvested 34%, 86% 2012, 64% avg. Corn silage harvested 98%, 99% 2012, 90% avg. Corn 1% very poor, 4% poor, 21% fair, 51% good, 23% excellent. Hay-warm season hay harvested 88%, 89% 2012, 86% avg. Hay - warm season 0% very poor, 10% poor, 36% fair, 48% good, 6% excellent. Sorghum heading 100%, 100% 2012, 100% avg. Sorghum coloring 90%, 99% 2012, 97% avg. Sorghum mature 22%, 89% 2012, 80% avg. Sorghum 0% very poor, 1% poor, 31% fair, 55% good, 13% excellent. Soybeans blooming 100%, 100% 2012, 100% avg. Soybeans turning color 29%, 72% 2012, 63% avg. Sweet potatoes harvested 4%, 5% 2012, 6% avg. Sweet potatoes 0% very poor, 1% poor, 12% fair, 67% good, 20% excellent. Livestock condition 0% very poor, 0% poor, 38% fair, 60% good, 2% excellent. Really warm temperatures and dry weather last week pushed crops along. Corn harvest is at mid-way point and early planted soybeans beginning to be harvested.

MISSOURI: Days suitable for fieldwork 6.7. Topsoil moisture 30% very short, 43% short, 27% adequate. Subsoil moisture supply 23% very short, 32% short, 45% adequate. Supply of hay and other roughages 7% short, 82% adequate, 11% surplus. Stock water supplies 2% very short, 12% short, 85% adequate, 1% surplus. Alfalfa 3rd cutting 84%, 71% 2012, 81% avg. Above average temperatures and little precipitation across the State resulted in declining conditions for all crops. Temperatures were 2 degrees to 6 degrees above average across the State. Precipitation averaged 0.12 of an inch Statewide. The northwest district reported 0.34 of an inch. St. Louis County reported 1.81 inches. The northwest, north-central, and northeast districts received 1.11, 0.85, and 0.66 inches of precipitation in August.

MONTANA: Days suitable for field work 6.5, 6.9 last year. Topsoil moisture 11% very short, 51% last year; 40% short, 40% last year; 46% adequate, 9% last year; 3% surplus, 0% last year. Subsoil moisture 13% very short, 41% last year; 30% short, 47% last year; 53% adequate, 12% last year; 4% surplus, 0% last year. Corn chopped for silage 6%, 31% last year. Corn condition 3% very poor, 5% last year; 2% poor, 14% last year; 41% fair, 27% last year; 34% good, 38% last year; 20% excellent, 16% last year. Dry peas harvested 84%, 97% last year. Alfalfa hay harvested – second cutting 80%, 88% last year. Other hay harvested – second cutting 66%, 77% last year. Lentils harvested 72%, 95% last year. Oats harvested 76%, 92% last year. Oats condition 6% very poor, 8% poor, 25% fair, 56% good, 5% excellent. Potatoes condition 13% very poor, 0% last year; 12% poor, 2% last year; 19% fair, 19% last year; 29% good, 54% last year; 27% excellent, 25% last year. Durum wheat harvested 31%, 90% last year. Durum wheat condition 5% very poor, 7% poor, 31% fair, 38% good, 19% excellent. Winter wheat harvested 97%, 99% last year. Livestock moved from summer ranges – cattle & calves 8%, 23% last year. Livestock moved from summer ranges – sheep & lambs 10%, 25% last year. The week ending September 1 remained mostly hot and dry for the State of Montana. Goldbutte received the highest amount of precipitation for the week with 1.06 inches of moisture. Most other stations reported receiving none to 0.81 of an inch of precipitation. High temperatures ranged from the upper 80s to upper 90s, with the State-wide high temperature of 98 degrees recorded at Miles City, Rudyard and Roundup. A majority of stations reported lows in the mid 30s to the lower 50s with the coldest being West Yellowstone at 32 degrees.

NEBRASKA: Days suitable for fieldwork 6.7 days. Topsoil moisture 22% very short, 42% short, 36% adequate, 0% surplus. Subsoil moisture 32% very short, 42% short, 26% adequate, 0% surplus. Proso millet harvested 14%, 8% 2012, 5% avg. Dry bean dropping leaves 37%, 15% 2012, 16% avg. Dry bean condition 0% very poor, 2% poor, 14% fair, 71% good and 13% excellent. Alfalfa condition 7% very poor, 13% poor, 29% fair, 44% good, and 7% excellent. Alfalfa third cutting 85%, 98% 2012, 87% average. Alfalfa fourth cutting 6%, 43% 2012, 18% average. Stockwater supplies rated 5% very short, 20% short, 74% adequate, 1% surplus. For the week ending September 1, 2013, temperatures well above normal combined with limited rainfall to further reduce soil moisture supplies and stress dryland crops and pasture. Pockets of rain occurred during the week, but no wide spread rainfall was received. Over half the corn crop has reached the dent stage, more than a third of the grain sorghum was turning color and the first fields of soybeans were dropping leaves.

NEVADA: A low pressure system from the south brought tropical moisture into the southern and eastern parts of the State. Warm summer temperatures continued. Daily high temperatures were generally in the 90's with only Las Vegas reaching 100 degrees. Temperatures averaged 3 to 7 degrees above normal except in Las Vegas where they were 4 degrees below normal. Rainfall was widespread with weekly totals ranging from a trace in Reno to 1.94 inch in Tonopah. Haze and smoke from primarily the Rim fire near Yosemite continued to choke north central Nevada with few breaks. Rains provided some short term relief from water shortages in some areas. Days suitable for fieldwork 6.0. Warm weather helped to push crop maturity. Alfalfa harvest continued with most of the crop in good condition. Third cutting was progressing in the north and the fifth cutting was completed in southern Clark County. Second cutting of Sudan and other types of irrigated hay was complete in the south. Fall seeded grains rated generally fair to good and grain harvest was progressing. The harvest of spring seeded grain was getting started. Corn fields were in mostly good to fair condition and corn silage harvest was beginning. Onion conditions rated mostly good and harvest was progressing. Garlic harvest was completed. Livestock movement among higher ranges continued. Many ranchers were forced to haul water to grazing stock. Calf weights coming off summer range were running light. Some ranchers were buying hay to make up for shortages of winter feed. Main farm and ranch activities included hay harvest, grain harvest and onion harvest. Irrigation, cultivation of row crops, livestock tending, weed and insect control were ongoing.

NEW ENGLAND: Days suitable for fieldwork 5.0. Topsoil moisture 3% short, 73% adequate, 24% surplus. Subsoil moisture 2% short, 77% adequate, 21% surplus. Maine Barley 55% harvested, 90% 2012, 55% avg, condition 16% poor, 41% fair, 41% good, 2% excellent. Maine Oats 30% harvested, 75% 2012, 45% avg, condition 24% fair, 36% good, 40% excellent. Maine Potatoes <5% harvested, <5% 2012, 5% avg, condition 1% fair, 40% good, 59% excellent. Massachusetts Potatoes 20% harvested, 25% 2012, 30% avg, condition 20% fair, 80% good. Rhode Island Potatoes 25% harvested, 30% 2012, 30% avg, condition 75% good, 25% excellent. Field Corn <5% harvested, <5% 2012, <5% avg, condition 4% very poor, 5% poor, 13% fair, 72%

good, 6% excellent. Sweet Corn 75% harvested, 80% 2012, 80% avg. Broadleaf Tobacco 75% harvested, 80% 2012, 80% avg. Shade Tobacco 90% harvested, 95% 2012, 90% avg. First Crop Hay 99% harvested, 100% 2012, 99% avg. Second Crop Hay 80% harvested, 90% 2012, 85% avg. Third Crop Hay 30% harvested, 40% 2012, 40% avg, condition 26% fair, 71% good, 3% excellent. Apples 15% harvested, 20% 2012, 15% avg, fruit size 1% below avg, 76% avg, 23% above avg, condition 1% poor, 27% fair, 51% good, 21% excellent. Peaches 75% harvested, 85% 2012, 85% avg. Pears 15% harvested, 15% 2012, 20% avg, fruit size 99% avg, 1% above avg, condition 23% fair, 76% good, 1% excellent. Highbush blueberries 95% harvested, 99% 2012, 95% avg. Maine Wild Blueberry 100% harvested, 90% 2012, 95% avg. Massachusetts Cranberries fruit set 80% avg, 20% above avg, fruit size 90% avg, 10% above avg, condition 5% fair, 85% good, 10% excellent. New England experienced summer-like temperatures and high humidity this past week. Average temperatures across the six States ranged from 3 to 8 degrees above normal. Precipitation averages across the six States ranged from 0.95 to 1.59 inches with the highest local precipitation total at 5.51 inches reported in New Hampshire. Most of the precipitation fell during the weekend, but some locations also experienced significant rainfall earlier in the week. Crops harvested included corn, hay, haylage, tobacco, small grains, potatoes, various summer and fall vegetables, apples, peaches, pears, blueberries, and other fruits. Other field activities included fertilizing, mowing orchard floors, monitoring for pests, and spraying as needed.

NEW JERSEY: Days suitable for field work 6.0. Topsoil moisture 4% short, 77% adequate, 19% surplus. Subsoil moisture 2% short, 78% adequate, 20% surplus. Cranberries in good condition. Field corn, sweet corn, soybeans, alfalfa, and other hay in mostly good condition. Tomatoes in mostly fair condition. Tomato yields down in Atlantic County. Pumpkins reportedly 5 percent harvested in Burlington County. In Monmouth County, green stinkbugs increasing and corn moths active. Livestock condition good and milk production average in Salem County.

NEW MEXICO: Days suitable for fieldwork 6.7. Topsoil moisture 22% very short, 47% short and 31% adequate. Wind damage 9% light and 4% moderate; 46% cotton damaged and 42% sorghum damaged. Alfalfa 2% very poor, 5% poor, 33% fair, 54% good and 6% excellent; 100% third cutting complete; 85% fourth cutting complete; 34% fifth cutting complete. Cotton 1% very poor, 10% poor, 35% fair, 35% good and 19% excellent; 95% squared; 87% setting bolls; 15% bolls opening. Corn 1% very poor, 3% poor, 50% fair, 26% good and 20% excellent; 97% silked; 63% dough; 36% dent; 34% Silage harvested. Lettuce planted 70%. Chile 1% poor, 38% fair, 46% good and 15% excellent; 50% harvested green. Onions 100% harvested. Pecans 1% poor, 43% fair, 30% good and 26% excellent. Cattle condition 13% very poor, 14% poor, 45% fair, 26% good and 2% excellent. Sheep condition 10% very poor, 5% poor, 46% fair and 39% good. Average temperatures during the past week were 2 to 10 degrees above normal. Rainfall reports were 1.28 inches in Roy, 0.41 inches in Chama and 0.60 inches in Deming.

NEW YORK: Days suitable for fieldwork 5.3. Soil moisture 0% very short, 5% short, 86% adequate, 9% surplus. Oats for grain 94% harvested, 90% in 2012, 89% average. Oats 12% poor, 20% fair, 59% good, 9% excellent. Hay crops 4% poor, 28% fair, 54% good, 14% excellent. Soybeans 4% poor, 22% fair, 50% good, 24% excellent. Potatoes 33% harvested, 59% in 2012, 42% average. Corn 7% poor, 22% fair, 47% good, 24% excellent. Second clover timothy cutting 93% complete, 96% 2012, 90% average. Third clover timothy cutting 49% complete. Second alfalfa cutting 99% complete, 100% 2012, 98% average. Third alfalfa cutting 67 percent complete. Sweet corn 71% harvested, 70% in 2012, 67% average. Sweet corn 4% poor, 15% fair, 58% good, 23% excellent. Onions 31% harvested, 50% in 2012, 56% average. Onions 11% poor, 6% fair, 26% good, 57% excellent. Snap beans 60% harvested, 67% in 2012, 61% average. Snap beans 5% poor, 36% fair, 53% good, 6% excellent. Cabbage 56% harvested, 63% in 2012, 63% average. Cabbage 28% poor, 31% fair, 20% good, 21% excellent. Apples 24% harvested, 18 in 2012, 22% average. Apples 1% poor, 5% fair, 64% good, 30% excellent. Grapes were 3% harvested, 9% 2012. Grapes 1% fair, 47% good, 52% excellent. Peaches 79% harvested, 83% in 2012, 82% average. Peaches 3% poor, 5% fair, 83% good, 9% excellent. Pears 57% harvested, 52% in 2012, 57% average. Pears 7% poor, 11% fair, 74% good, 8% excellent. Rainfall for the State ranged from 0.11 to 1.71 inches. Temperatures ranged from a low of 45 to a high of 89.

NORTH CAROLINA: There were 5.6 days suitable for field work for the week ending September 1st, compared to 4.5 days for the week ending August 25th. Statewide soil moisture levels were rated at 9% short, 78% adequate and 13% surplus. Average temperatures still remained below normal for some areas of the

State. Isolated thunderstorms brought rain in the western part of the State with some areas receiving over an inch of precipitation. The dryer conditions allowed for hay harvest to progress and to be baled. Most crops progress remains behind last year averages and the 5-year averages.

NORTH DAKOTA: Days suitable for fieldwork were 6.0. Topsoil moisture 16% very short, 35% short, 46% adequate, 3% surplus. Subsoil moisture 11% very short, 35% short, 51% adequate, 3% surplus. Durum wheat turning color 95%, 100% 2012, 94% average. Durum wheat ripe 55%. Durum wheat harvested 18%, 90% 2012, 48% average. Durum Wheat condition 0% very poor, 2% poor, 21% fair, 55% good, and 22% excellent. Canola turning color 92%, 100% 2012, 98% average. Canola harvested 39%, 88% 2012, 47% average. Canola condition 0% very poor, 3% poor, 17% fair, 63% good, and 17% excellent. Flaxseed turning color 88%, 100% 2012, 92% average. Flaxseed harvested 13%, 57% 2012, 26% average. Flaxseed condition 2% very poor, 4% poor, 26% fair, 59% good, and 9% excellent. Sugarbeets condition 1% very poor, 10% poor, 28% fair, 47% good, and 14% excellent. Potatoes rows filled 95%, 100% 2012, 100% average. Potatoes vines killed 4%, 44% 2012, 32% average. Potatoes condition 9% very poor, 17% poor, 37% fair, 29% good, and 8% excellent. Dry Edible Peas harvested 86%, 100% 2012, 88% average. Dry Edible Peas condition 0% very poor, 6% poor, 17% fair, 61% good, and 16% excellent. Dry Edible Beans setting pods 98%, 100% 2012, 100% average. Dry Edible Beans dropping leaves 31%, 80% 2012, 41% average. Dry Edible Beans condition 3% very poor, 12% poor, 48% fair, 32% good, and 5% excellent. Lentils harvested 40%, 98% 2012, 76% average. Sunflower blooming 98%, 100% 2012, 99% average. Sunflower ray flowers dry 27%, 84% 2012, 54% average. Sunflower condition 1% very poor, 4% poor, 22% fair, 61% good, and 12% excellent. 2nd cuttings of alfalfa hay 97% complete. Alfalfa hay condition 1% very poor, 4% poor, 19% fair, 57% good, and 19% excellent. Stock water supplies 2% very short, 10% short, 83% adequate, and 5% surplus. Varying amounts of precipitation were received over much of the State last week. The moisture was needed and welcomed, however, more is necessary for the row crops to enhance their development. Along with the rain came some isolated hail that was received in the south central part of the State. Temperatures were hot last week with averages 6 to 8 degrees above normal.

OHIO: Days suitable for fieldwork 6. Topsoil 6% very short, 23% short, 65% adequate, 6% surplus. Subsoil 4% very short, 20% short, 69% adequate, 7% surplus. All hay 4% very poor, 7% poor, 26% fair, 53% good, 10% excellent. Second cutting hay 94%, NA 2012, NA avg. Third cutting hay 55%, 0% 2012, 0% avg. The weather continued the pattern of recent weeks with warm temperatures and spotty rain. Corn and soybeans are in good condition, and continue to progress mostly on schedule with the 5-year average. There is some concern that the recent rains are too late to make up for damage from the dry August in the most effected fields. Producers are significantly behind on harvesting the second and third cutting of hay, but crop condition remains good. Producers are in the process of harvesting corn for silage. Other activities included processing vegetable field crops and harvesting apples.

OKLAHOMA: Days suitable for fieldwork 6.8. Topsoil moisture 17% very short, 44% short, 39% adequate. Subsoil moisture 24% very short, 33% short, 43% adequate. Corn condition 2% poor, 18% fair, 63% good, 17% excellent; dough 98% this week, 92% last week, 99% last year, 98% average; dent 79% this week, 61% last week, 93% last year, 81% average; mature 45% this week, 34% last week, 70% last year, 56% average; harvested 9% this week, N/A last week, 44% last year, 27% average. Soybeans condition 1% poor, 30% fair, 57% good, 12% excellent; blooming 87% this week, 80% last week, 89% last year, 93% average; setting pods 64% this week, 52% last week, 67% last year, 73% average. Alfalfa hay condition 8% very poor, 6% poor, 29% fair, 51% good, 6% excellent; 3rd cutting 95% this week, 93% last week, 91% last year, 85% average; 4th cutting 40% this week, 25% last week, 38% last year, 53% average. Other hay condition 5% very poor, 6% poor, 34% fair, 49% good, 6% excellent; 2nd cutting 65% this week, 62% last week, 55% last year, 49% average. Watermelons harvested 87% this week, 86% last week, 93% last year, 93% average. Livestock condition 3% poor, 23% fair, 61% good, 13% excellent. Another week of warm and dry weather continued throughout the State last week. Producers continued to cut hay and prepare seedbeds for fall planting. Warmer weather allowed row crops to continue to make significant progress. Corn harvest was underway with nine percent completed by Sunday, but was behind the five year average. Very little precipitation was received last week. The Southeast district received 0.12 of an inch, while most areas received no measureable rainfall at all. Temperatures averaged in the low to mid 80's with highs for the week well over 100 degrees in most areas.

OREGON: Days suitable for field work 6.2 days. Subsoil Moisture 30% Very Short, 47% Short, 23% Adequate, 0% Surplus. Subsoil Moisture 30% Very Short, 47% Short, 23% Adequate, 0% Surplus. Topsoil Moisture 25% Very Short, 50% Short, 25% Adequate, 0% Surplus. Topsoil Moisture 25% Very Short, 50% Short, 25% Adequate, 0% Surplus. Alfalfa Hay 2nd Cutting 100%, 94% 2012, 97% avg. Alfalfa Hay 3rd cutting 38%, 33% 2012, 61% avg. Winter Wheat Harvested 100%, 97% 2012, 97% avg. Spring Wheat Harvested 96%, 91% 2012, 91% avg. Barley Harvested 90%, 93% 2012, 95% avg. Weather The temperatures were above average in most regions in Oregon. Only South Central Oregon experienced average temperatures. The majority of the State experienced average precipitation. Only Central Oregon experienced below average precipitation. Cumulative precipitation was still below average for most parts of Oregon. The high temperatures for the State ranged from the mid-90's in the Willamette Valley, Southwestern Valleys, Central Oregon, and Eastern Oregon to the low-70's in the Coastal Region. The low temperatures for the State ranged from the low-30's in South Central Oregon to the high 50's in the Willamette Valley. Worden and Lorella had the only temperatures that were at the freezing point. Field Crops In Columbia County irrigated crops were doing well. In Coos County grass hay crops were essentially done (except for irrigated fields) and the second cutting of hay received some precipitation. Irrigation continued on maturing field corn. In Tillamook County corn silage fields were still in the dough stage. In Washington County most small grains were harvested, field corn ears were filling, and red clover for seed harvest were underway. In Central Oregon several hay fields were beat down either by rain or a mixture of rain and hail with high winds. In Klamath County grain and hay harvest continued. Lots of work was being performed in the potato fields. The warm temperatures have led many producers to try for a fourth cutting of hay. In Umatilla County hail was small enough and at high enough elevation to not significantly harm crops. Seed corn was drying out and harvesting equipment was being readied. In Northeastern Oregon most grain was harvested. The third cutting of hay was underway. Fruits and Nuts In Coos County the cranberry crop appeared good at this stage, and other tree fruits were maturing nicely. In Douglas County the orchard and vineyard crops continued to mature at a rapid pace. Bartlett pear crops were harvested along with Gala apples last week. Crop quality continued to look good for nearly all orchard and vineyard crops. There was some concern about Brown Marmorated Stink Bugs causing late season damage in Southern Oregon crops as significant numbers of the pest have been found. Spotted Wing Drosophila was being trapped in large numbers as temperatures moderate and the number of mature crops decreases. Pests are being drawn to the traps once the fruit disappears. In Washington County berries were abundant at stands and farmers markets. Producers were preparing filbert orchards for harvest. Nurseries and Greenhouses In Josephine County harvesting continued in home and truck gardens. Sales were down for local gardeners. In Washington County nursery plants and shrubs were being irrigated. Vegetables In Columbia County fresh market vegetables were doing well. In Lane County vegetable seed harvest was moving along nicely. In Washington County sweet corn was being harvested. In Central Oregon carrot seed, onion seed, radish seed, and high value vegetable crops were harmed by the hail and wind. Livestock, Range and Pasture In Coos County irrigation continued on pastures where available. In Curry County all but the best sub-irrigated pastures were either dry, or badly drying, and will remain in this condition until the start of the fall rains. In Washington County livestock was mostly on supplemental feed.

PENNSYLVANIA: Days suitable for fieldwork, 5. Soil moisture; 5% very short, 20% short, 68% adequate and 7% surplus. Fall plowing; 25% this week, 12% last week, 18% last year, and 17% average. Barley planted; 9% this week, 8% last week, 0% last year, and 3% average. Tobacco harvested; 51% this week, 48% last week, 67% last year, and 56% average. Potatoes harvested; 34% this week, 23% last week, 47% last year, and 28% average. Alfalfa third cutting; 88% this week, 86% last week, 98% last year, and 94% average. Alfalfa fourth cutting; 34% this week, 30% last week, 48% last year, and 35% average. Timothy/Clover second cutting; 95% this week, 89% last week, 94% last year, and 92% average. Peaches harvested; 92% this week, 87% last week, and 98% last year, and 91% average. Apples harvested; 40% this week, 35% last week, and 50% last year, and 39% average. Soybean conditions; 0% very poor, 1% poor, 16% fair, 55% good, 28% excellent. Quality of Hay made is; 0% very poor, 3% poor, 15% fair, 59% good and 23% excellent. Apples conditions; 0% very poor, 0% poor, 12% fair, 43% good and 45% excellent. Field activities for the week included cutting alfalfa, timothy and other forage; harvesting oats, tobacco, potatoes, peaches and apples, planting barley, applying fertilizer, mowing pastures, spraying herbicides and pesticides.

SOUTH CAROLINA: Days suitable for fieldwork 6.1. Soil moisture 0% very short, 3% short, 89% adequate, 8% surplus. Corn 0% very poor, 1% poor, 15% fair, 63% good, 21% excellent. Soybeans 1% very poor, 4% poor, 25% fair, 67% good, 3% excellent. Livestock condition 0% very poor, 0% poor, 16% fair, 79% good, 5% excellent. Corn matured 97%, 100% 2012, 99% avg. Corn harvested 37%, 67% 2012, 56% avg. Soybeans bloomed 84%, 87% 2012, 94% avg. Soybeans pods set 40%, 60% 2012, 77% avg. Soybeans leaves turning color 2%, 3% 2012, 3% avg. Tobacco harvested 85%, 87% 2012, 86% avg. Tobacco stalks destroyed 40%, 60% 2012, 47% avg. Hay other hay 100%, 99% 2012, 99% avg. Peaches harvested 97%, 100% 2012, 96% avg. Watermelons harvested 100%, 100% 2012, 100% avg. Cantaloupes harvested 100%, 100% 2012, 100% avg. A week filled with lots of sunshine and seasonal temperatures enabled producers to make excellent progress in field work and other farm activities. The weather conditions also helped to improve crop conditions, as well as yield potential based on the crops current stage of production. The hot, dry days allowed producers to pick up the Corn harvesting pace, which was still well behind previous years. Peanut harvest should begin in the next 10 to 14 days.

SOUTH DAKOTA: Days suitable for fieldwork 6.5. Topsoil moisture 13% very short, 42% short, 44% adequate, 1% surplus. Subsoil moisture 13% very short, 42% short, 44% adequate, 1% surplus. Winter wheat harvested 99%, 100% 2012, 100% average. Sunflower blooming 98%, 100% 2012, 98% average. Sunflower ray flowers dry 18%, 66% 2012, 47% average. Sunflower condition 1% very poor, 15% poor, 27% fair, 52% good, 5% excellent. 3rd cutting of alfalfa 72% complete, 71% 2012, 59% average. Alfalfa hay condition 1% very poor, 9% poor, 32% fair, 48% good, 10% excellent. Stock water supplies 4% very short, 20% short, 74% adequate, 2% surplus. Hot, dry weather persisted in most areas of South Dakota last week. The exception was the north central part of the State which received some much needed rainfall. Major farm activities included harvesting small grains, scouting row crops for pests and caring for livestock.

TENNESSEE: Days suitable 6.5. Topsoil moisture 15% short, 79% adequate, 6% surplus. Subsoil moisture 6% short, 88% adequate, 6% surplus. Tobacco 91% topped, 94% 2012, 91% avg. Corn harvest for grain has begun. Producers are happy with early yields. Row crops are rated in good-to-excellent condition. Cotton producers expect strong yields. Other activities that took place included applying pesticides, cutting hay and harvesting tobacco.

TEXAS: Select areas of South Central Texas, the Coastal Bend, the Upper Coast, and the Lower Valley received significant rainfall in amounts totaling up to 4 inches. Other areas remained hot and dry, further depleting soil moisture levels. Small Grains Some producers in the Northern High Plains, Southern Low Plains, and the Edwards Plateau seeded small grains intended for fall grazing. Producers in other parts of the State continued to make field preparations and waited on additional moisture. Row Crops Cotton harvest continued from South Central Texas through the Lower Valley. Cotton in the Plains continued to mature with many areas reaching cutout. Defoliation was active in the Blacklands and the Edwards Plateau in advance of cotton harvest. Rice harvest continued in South Central Texas and the Upper Coast, and some producers irrigated for a ratoon crop. Fruit, Vegetable and Specialty Crops Potato harvest in the Northern High Plains was underway. Pecans in the Trans-Pecos were in the gel stage, and pecan producers in the Edwards Plateau irrigated trees. Some pecan producers in the Cross Timbers observed high aphid populations. Vegetable farmers in South Texas prepared seedbeds, and in the Lower Valley some producers were planting fall vegetables. Livestock, Range and Pasture conditions and hay production continued to hinge on recent precipitation, with many areas of the State reporting insufficient moisture. Areas that received scattered showers still reported insufficient rainfall to fill stock tanks.

UTAH: Days Suitable For Field Work 6.2. Subsoil Moisture 27% very short, 40% short, 33% adequate, 0% surplus. Irrigation Water Supplies 29% very short, 35% short, 36% adequate, 0% surplus. Winter Wheat harvested 98%, 95% 2012, 93% avg. Spring Wheat harvested 91%, 96% 2012, 83% avg. Barley harvested (grain) 91%, 95% 2012, 88% avg. Oats harvested (grain) 79%, 84% 2012, 70% avg. Corn dough 80%, 65% 2012, 53% avg. Corn dent 33%, 21% 2012. Corn condition 0% very poor, 0% poor, 18% fair, 59% good, 23% excellent. Alfalfa Hay 3rd Cutting 56%, 84% 2012, 53% avg. Cattle and calves condition 0% very poor, 2% poor, 25% fair, 69% good, 4% excellent. Sheep Condition 0% very poor, 1% poor, 27% fair, 67% good, 5% excellent. Stock Water Supplies 15% very short, 39% short, 46% adequate, 0% surplus. Peaches harvested 68%, 43% 2012, 40% avg. Warm, dry conditions continued last week in Box Elder County. Most of the wheat

has been harvested with much of the dryland wheat yields below average. Cache County enjoyed a welcome rain storm during the week that dropped one-half inch of rain. Some growers still have hay in the field that is somewhat damaged by the rain, but overall, growers are pleased with the welcome storm. In Summit County, limited rain has helped summer pastures. Much needed rain is helping the range and crop conditions in Utah County but slowing harvest on some crops. Most of the third crop alfalfa hay in Box Elder County has been cut and baled. Corn continued to progress and much of it is starting to dent and mature. Farmers are continuing to put irrigation water on it due to the hot temperatures and dry conditions. Most of the corn looks good but there is some evidence of spider mites on some field edges. Harvest of silage corn will begin this week. Onions in the county look good. Many fields are showing signs of maturity and farmers would like to get started with lifting the onions so they can begin to dry down and cure. They are concerned with the hot temperatures so they are holding off on the beginning of harvest to avoid sunburn problems. Wheat in Cache County is nearly all harvested, and most barley is in the bin also. Safflower and corn are getting close to harvest. Farmers in Summit County are just starting to cut third crop alfalfa hay. Irrigation water is running out in many areas of the County. Livestock producers in Box Elder County are reporting that range conditions are deteriorating and expect cattle and sheep to come off summer ranges a couple of weeks early. Some areas of summer range have received scattered showers this past week. This is helping the situation somewhat and making feed last a little longer.

VIRGINIA: Days suitable for fieldwork 5.3. Topsoil moisture 1% very short, 7% short, 79% adequate, 13% surplus. Subsoil moisture 9% short, 79% adequate, 12% surplus. Livestock 2% poor, 8% fair, 60% good, 30% excellent. Other hay 1% very poor, 10% poor, 23% fair, 49% good, 17% excellent. Alfalfa hay 6% poor, 25% fair, 56% good, 13% excellent. Corn 1% very poor, 2% poor, 9% fair, 53% good, 35% excellent. Corn dough 92%, 93% 2012, 92% 5-yr avg. Corn dent 80%, 79% 2012, 76% 5-yr avg. Corn mature 40%, 45% 2012, 49% 5-yr avg. Corn harvested 9%, 15% 2012, 12% 5-yr avg. Corn silage harvested 59%, 66% 2012, 59% 5-yr avg. Soybeans 1% very poor, 3% poor, 14% fair, 63% good, 19% excellent. Soybeans blooming 93%, 97% 2012, 96% 5-yr avg. Soybeans setting pods 72%, 66% 2012, 79% 5-yr avg. Soybeans dropping leaves 1%, 3% 2012, 3% 5-yr avg. Flue cured tobacco 4% poor, 25% fair, 56% good, 15% excellent. Flue cured tobacco harvested 48%, 39% 2012, 38% 5-yr avg. Burley tobacco 1% very poor, 8% poor, 35% fair, 53% good, 3% excellent. Burley tobacco harvested 22%, 26% 2012, 22% 5-yr avg. Dark fire cured tobacco 3% poor, 28% fair, 63% good, 6% excellent. Dark fire cured tobacco harvested 65%, 60% 2012, 60% 5-yr avg. All apples 3% poor, 12% fair, 84% good, 1% excellent. Summer apples harvested 85%, 72% 2012, 83% 5-yr avg. Fall apples harvested 20%, 57% 2012, 23% 5-yr avg. Peaches harvested 90%, 83% 2012, 86% 5-yr avg. Grapes 2% very poor, 8% poor, 7% fair, 82% good, 1% excellent. Virginia experienced seasonable temperatures this week. Towards the latter part of the week, scattered showers contributed rainfall varying from a light sprinkle up to 2 inches. Days suitable for fieldwork were 5.3. Despite the excessive rainfall this year, some areas were in need of moisture for the late season soybeans. Early planted soybeans and the majority of corn for grain showed promising yields. High moisture for the majority of Virginia has increased disease problems with soybeans; farmers were actively applying fungicides to treat the disease. The majority of the vegetable harvest has slowed down with some growers still harvesting tomatoes, squash, and peppers; pumpkins and sweet potatoes were still growing and will be harvested later. Other farming activities for the week included harvesting and curing tobacco, buying small grain seeds for next year's crop, sampling soil, and signing up for crop cover programs.

WASHINGTON: Days suitable for fieldwork 5.9. Topsoil moisture 6% very short, 35% short, 55% adequate, 4% surplus. Subsoil moisture 1% very short, 37% short, 60% adequate, 2% surplus. Irrigation water supply 0% very short, 4% short, 96% adequate, 0% surplus. Hay and Roughage 2% very short, 11% short, 82% adequate and 5% surplus. Potatoes 0% very poor, 0% poor, 5% fair, 66% good, 29% excellent. Field Corn 0% very poor, 0% poor, 7% fair, 74% good, 19% excellent. Dry Edible Beans 0% very poor, 5% poor, 41% fair, 50% good, 4% excellent. Winter Wheat Harvested 96%, 96% last year, 91% five-year average. Potatoes Harvested 39%, 34% last year, 39% five year average. Field Corn Doughed 60%, 47% last year, 44% five-year average. Field Corn Dented 35%, 18% last year, 16% five year averages. Field Corn Mature 10%, 10% last year, 5% five-year average. Field Corn Harvested for Silage 6%, 1% last year, 9% five-year average. Dry Edible Peas Harvested 82%, 89% last year, 84% five-year average. Dry Edible Beans Harvested 31%, 24% last year, 26% five-year average. Alfalfa Third Cutting 65%, 49% last year, 59% five-year average. Alfalfa Fourth Cutting 1%,

4% last year, 7% five-year average. In Whitman and Walla Walla County, harvest of spring wheat, barley, dry peas and dry beans continued. Asotin and Garfield County wrapped up winter wheat harvest and anticipated winter wheat seeding. In Lincoln County, field corn for silage and potato harvest was underway with dry bean harvest in its early stages. The third cutting of alfalfa wrapped up. In Thurston County, Christmas tree growers remained focused on shearing and top working true firs. In the Yakima Valley, Bartlett pear harvest was wrapping up while Gala apple harvest was in full swing in the lower Yakima Valley with apple size anticipated to be superior to last season's crop. Early hop varieties were coming in with a steady harvest of cucumbers, tomatoes, summer squash and peppers all week long. In Thurston County, dairymen continued cultivating fields in preparation for fall seeding of forage crops.

WEST VIRGINIA: Days suitable for fieldwork was 4. Topsoil moisture was 3% short, 78% adequate, and 19% surplus compared to 9% very short, 41% short, and 50% adequate last year. Corn conditions were 15% fair, 70% good, and 15% excellent. Corn was 98% silked, 2012 and 5-yr avg. not available. Corn was 73% doughing, 76% in 2012, and 79% 5-year avg. Corn was 24% dented, 55% in 2012, and 46% 5-year avg. Soybean conditions were 27% fair and 73% good. Soybeans were 84% setting pods, 92% in 2012, 5-year avg. not available. Soybeans were 5% dropping leaves, 25% in 2012, and 22% 5-year avg. Hay conditions were 7% poor, 26% fair, 61% good, and 6% excellent. Hay second cutting was 54%, 74% in 2012, and 78% 5-year avg. Apple conditions were 2% poor, 43% fair, 51% good, and 4% excellent. Apples were 16% harvested, 32% in 2012, and 20% 5-year avg. Peaches were 73% harvested, 92% in 2012, and 89% 5-year avg. Cattle and calves were 10% fair, 84% good, and 6% excellent. Sheep and lambs were 6% fair, 90% good, and 4% excellent. Farming activities included harvesting apples, peaches, and garden vegetables. Rainy, humid weather continues to make hay cutting and curing difficult; farmers are moving hay bales from wet fields.

WISCONSIN: Days suitable for fieldwork 6.2. Topsoil moisture 34% very short, 38% short, 27% adequate, and 1% surplus. Subsoil moisture 27% very short, 43% short, 30% adequate, and 0% surplus. Third cutting hay 78%, 100% 2012, 89% avg. Fourth cutting hay 10%, 65% 2012, 28% avg. August closed out with the second hottest week of the year to date. Temperatures were well above normal Statewide. Rains were spotty to heavy in the north and east, but bypassed the southern and west-central portions of the State. Four of the five major weather stations received no rain at all during this hot and humid week. Crops reportedly showed great progress where moisture was adequate. However, some areas that received rain reportedly did not get enough moisture to make up the deficit of the past two months. Reporters in many areas of the State commented that crops were badly stressed and pastures were inadequate for grazing. Some farmers were chopping silage early where corn has dried up, was unable to pollinate, or where feed supplies were running low. Across the reporting stations, average temperatures last week were 9 to 14 degrees above normal. Average high temperatures ranged from 86 to 93 degrees, while average low temperatures ranged from 67 to 74 degrees. Precipitation totals ranged from no precipitation received in Eau Claire, La Crosse, Madison and Milwaukee to 0.68 inches in Green Bay.

WYOMING: Days suitable for field work 6.8. Topsoil moisture 20% very short, 47% short, 33% adequate. Subsoil moisture 20% very short, 46% short, 34% adequate. Irrigation water supply 10% very short, 34% short, 56% adequate. Barley turning color 99%, 100% 2012, 99% avg., mature 93%, 97% 2012, 92% avg., harvested 73%, 87% 2012, 75% avg. Oats turning color 90%, 100% 2012, 98% avg., mature 84%, 96% 2012, 89% avg.; harvested 77%, 85% 2012, 74% avg. Spring wheat mature 92%, 100% 2012, 94% avg.; harvested 77%, 99% 2012, 75% avg. Winter Wheat planted 19%, 9% 2012, 14% avg. Corn condition 6% poor, 25% fair, 50% good, 19% excellent; silked 98%, 99% 2012, 93% avg.; in milk 85%, 97% 2012; 72% avg.; dough 30%, 71% 2012; 40% avg. Corn silage harvested 16%, 11% 2012, 6% avg. Dry beans condition 2% poor, 16% fair, 65% good, 17% excellent; setting pods 94%, 98% 2012, 92% avg.; leaves turning color 56%; 75% 2012, 61% avg.; windrowed 21%, 29% 2012, 12% avg. Sugar beets condition 1% poor, 26% fair, 57% good, 16% excellent. Alfalfa condition 3% poor, 21% fair, 66% good, 10% excellent; second cutting 92%, 91% 2012, 84% avg.; third cutting 8%, 34% 2012, 14% avg. Other hay harvested 96%, 91% 2012, 91% avg. Crop insect infestation 59% none, 32% light, 9% moderate. Average temperatures range from 56 degrees at Lake Yellowstone to 78 degrees at Torrington. Temperatures were above normal at all of the 33 reporting stations. Only three stations reported above normal precipitation for the week. Gillette, Newcastle and Sundance are the only stations reporting above normal precipitation for the year. High temperatures ranged from 77 degrees at Lake

Yellowstone to 98 degrees at Torrington. Low temperatures ranged from 35 degrees at Lake Yellowstone to 56 degrees at Riverton. Laramie and Buford received the most precipitation for the week at 0.43 inch. Ten stations reported no precipitation. Carbon County reported some grasshopper damage, especially north Carbon and Albany counties. Uinta County reported the hay harvest nearing completion and dry conditions persisting. Converse County reported continued late summer growing conditions.

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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