

Weekly Weather and Crop Bulletin State Stories

Released August 23, 2011, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Weekly Weather and Crop Bulletin State Stories" call Julie Schmidt at (202) 720-7621, office hours 7:00 a.m. to 4:00 p.m. ET.

ALABAMA: Days suitable for fieldwork 6.4. Topsoil moisture 13% very short, 32% short, 54% adequate, and 1% surplus. Corn dough 98%, 99% 2010, and 99% 5-yr avg.; 92% dented, 95% 2010, and 89% 5-yr avg.; 62% mature, 71% 2010, and 55% 5-yr avg.; 11% harvested, 0% 2010, and 10% 5-yr avg.; condition 10% very poor, 14% poor, 31% fair, 41% good, and 4% excellent. Soybeans blooming 94%, 90% 2010, and 92% 5-yr avg.; setting pods 63%, 79% 2010, and 76% 5-yr avg.; condition 3% very poor, 9% poor, 31% fair, 53% good, and 4% excellent. Livestock condition 1% very poor, 5% poor, 33% fair, 57% good, and 4% excellent. Pasture and range condition 6% very poor, 18% poor, 31% fair, 41% good, and 4% excellent. The week's average mean temperatures ranged from 77.7 F in Hamilton, to 83.3 F in Mobile; total precipitation ranged from 0.00 inches in several areas, to 0.73 inches in Mobile. Soybeans show signs of insect stress. Cotton and soybeans are hurting from a lack of moisture in parts of the state. The previous week's slightly cooler weather was ideal for pastures, but because there was little rain, they still are suffering. Cattle producers are culling livestock due to the lack of pasture growth.

ALASKA: Days suitable for fieldwork 3.5. Topsoil moisture 95% adequate, 5% surplus. Subsoil moisture 100% adequate. Barley 5% ripe. Condition of barley 10% poor, 20% fair, 50% good, 20% excellent. Oats 25% turning color. Condition of oats 20% fair, 50% good, 30% excellent. Condition of potatoes 20% fair, 55% good, 25% excellent. First cutting hay harvest 95% complete; second cutting is just underway. Condition of all hay 10% poor, 45% fair, 45% good. Pasture condition 5% poor, 25% fair, 60% good, 10% excellent. Wind and rain damage 95% none, 5% light. Activities harvesting hay, grass seed and vegetables; weed control; preparing for grain harvest; equipment repair.

ARIZONA: Temperatures were mostly above normal for the week ending August 21st, ranging from normal at Parker to 11 degrees above normal Grand Canyon. The highest temperature of the week was 113 degrees at Buckeye and Yuma. The lowest reading was 45 degrees at Grand Canyon. Precipitation was recorded in 11 of the 22 weather stations. The least precipitation was recorded in Grand Canyon with 0.07 inches. The most precipitation was recorded in Payson with 2.29 inches. Willcox is the only area that has above normal precipitation to date. Ninety-five percent of Arizona's cotton acreage has set bolls, slightly behind the 5-year average but just ahead of last year. Bolls opening is at 40 percent mostly along the Colorado River. The condition of the cotton crop varies from mostly fair to excellent. Alfalfa condition is mostly good to excellent. Harvesting is active on over three-fourths of the acreage across the State. Arizona growers remained active with the harvest of miscellaneous melons. Range and pastures continued to receive spotty, but needed moisture from seasonal rains. Many areas are maintaining their forage. Rangeland conditions vary from poor to good, depending on location.

ARKANSAS: Days suitable for fieldwork 5.9. Topsoil moisture 18% very short, 35% short, 46% adequate, 1% surplus. Subsoil moisture 22% very short, 36% short, 41% adequate, 1% surplus. Corn 100% dent, 99% 2010, 97% avg.; 81% mature, 91% 2010, 72% avg.; 19% harvested, 41% 2010, 19% avg.; condition 8% very poor, 19% poor, 36% fair, 30% good, 7% excellent. Rice 21% ripe, 51% 2010, 19% avg. Soybeans 9% yellowing, 22% 2010, 17% avg.; 4% shedding, 11% 2010, 8% avg.; 1% mature, 5% 2010, 4% avg. Some rice producers began harvesting last week, while others were still draining their fields in preparation for harvest. Soybean producers continued to spray fields for worm control. Melon harvest continued to wind down in northern Arkansas last week. Livestock condition remained mostly fair to good. The rain showers helped pasture and range and hay crops as conditions improved from the previous week. Hay harvest continued last week in some areas of the state.

CALIFORNIA: Cotton reporters rated the crop as mostly good to excellent. Cotton continues to show good growth as more blooms and squares develop. Producers continued to battle insect pressures to

increase boll retention rates. Rice fields were developing well; most fields were headed and were rated mostly good to excellent. Corn for silage harvest was ongoing. Weed and insect control in corn and alfalfa fields continued. Safflower fields continued to dry down in anticipation of harvest. Black-eye beans were maturing and blooms were clearly becoming more visible. Garbanzo bean and sugarbeet harvest continued. The table grape harvest continued in the San Joaquin Valley with Summer Royals, Crimson, Princess, and Flame Seedless the main varieties picked. The wine grape harvest was underway in some areas while the raisin grapes continued to develop. Stone fruit harvest continued at a steady pace. Numerous varieties of peaches, nectarines, pluots, and plums were picked and packed. Apples were harvested in the San Joaquin Valley. The olive crop continued to develop, however the set was reported to be extremely light. Pear harvest continued. Cherry orchards were pruned. Dried-plum growers prepared for harvest. Valencia oranges, tangelos, grapefruits, and lemons were packed. The new Navel crop was slightly behind normal for the season. There was shaking and harvesting in a few orchards of Nonpareil almond varieties as hull splitting continued and final hull split sprays were applied in later varieties. Codling moth and husk fly sprays were ongoing in walnut orchards as the crop continued to develop. Pistachio and pecan orchards showed good development. Kern County reported bell peppers and carrots were being harvested. In Tulare County, farmers' markets were at their peak season, with summer fruits and vegetables continuing to be harvested. The summer harvest included tomatoes, eggplant, green beans, squash, and assorted peppers. Processing tomato harvest continued. Onions, tomatoes and carrots were being harvested in Fresno County. San Joaquin County reported sweet corn was being harvested, as were fresh market tomatoes, bell peppers, watermelon, cucumbers and onions. In Sutter County, field work and ground preparation continued, while tomatoes were harvested and treated for mold. Non-irrigated pasture and rangeland were reported to be in good to poor condition. Non-irrigated grasses in the lower Sierra foothills and the eastern slope of the Coast Range have dried and range conditions were fair. Supplemental feeding of livestock was at a minimum in some areas. Sheep and cattle grazed harvested grain fields. Bees were active pollinating alfalfa, melon, and squash fields.

COLORADO: Days suitable for field work 6.7. Topsoil moisture 13% very short, 38% short, 48% adequate, 1% surplus. Subsoil moisture 14% very short, 34% short, 51% adequate, 1% surplus. Spring barley 44% harvested, 38% 2010, 40% avg.; condition 2% poor, 36% fair, 54% good, 8% excellent. Spring wheat 97% turning color, 97% 2010, 98% avg.; 18% harvested, 19% 2010, 29% avg.; condition 16% poor, 45% fair, 33% good, 6% excellent. Alfalfa 95% 2nd cutting, 95% 2010, 92% avg.; 31% 3rd cutting, 36% 2010, 24% avg.; condition 8% poor, 28% fair, 53% good, 11% excellent. Dry Beans 80% flowered, 95% 2010, 94% avg.; condition 1% poor, 48% fair, 50% good, 1% excellent. Dry onions 13% harvested, 8% 2010, 13% avg.; condition 1% very poor, 2% poor, 17% fair, 73% good, 7% excellent. Sugarbeets condition 3% poor, 25% fair, 58% good, 14% excellent. Fall potatoes 10% harvested, 0% 2010, 1% avg.; condition 5% poor, 41% fair, 48% good, 6% excellent. Summer potatoes 25% harvested, 9% 2010, 12% avg.; condition 3% poor, 40% fair, 57% good. Sunflowers condition 2% very poor, 8% poor, 36% fair, 48% good, 6% excellent. Livestock condition 1% poor, 23% fair, 63% good, 13% excellent. Most of Colorado experienced above average temperatures and below average precipitation last week. The moisture that was received came in the form of isolated thunderstorms with hail causing some reported crop damage in the northeastern region. Above average amounts of rain were also received in the western regions. Conditions continue to be dry in the San Luis Valley and the southeastern region of the State.

DELAWARE: Days suitable for fieldwork 5.2. Topsoil moisture 3% very short, 27% short, 60% adequate, 10% surplus. Subsoil moisture 11% very short, 35% short, 49% adequate, 5% surplus. Hay supplies

0% very short, 8% short, 72% adequate, 20% surplus. Other hay second cutting 100%, 100% 2010, 100% avg.; third cutting 47%, 43% 2010, 46% avg. Alfalfa hay third cutting 86%, 65% 2010, 74% avg. Pasture condition 11% very poor, 17% poor, 13% fair, 59% good, 0% excellent. Corn condition 7% very poor, 15% poor, 38% fair, 34% good, 6% excellent. Soybean condition 4% very poor, 7% poor, 27% fair, 42% good, 20% excellent. Apple condition 0% very poor, 4% poor, 12% fair, 79% good, 5% excellent. Peach condition 0% very poor, 3% poor, 8% fair, 83% good, 6% excellent. Corn dough 100%, 96% 2010, 81% avg.; 65% dent, 74% 2010, 55% avg. Soybeans blooming 95%, 94% 2010, 85% avg.; setting pods 67%, 70% 2010, 56% avg. Cantaloups 85% harvested, 88% 2010, 73% avg. Cucumbers 76% harvested, 73% 2010, 71% avg. Green Peas 92% harvested, 100% 2010, 100% avg. Lima Beans 48% harvested, 58% 2010, 32% avg. Potatoes 93% harvested, 99% 2010, 68% avg. Snap beans harvested 79%, 93% 2010, 80% avg. Sweet corn 89% harvested, 96% 2010, 79% avg. Tomatoes 72% harvested, 80% 2010, 63% avg. Watermelons 85% harvested, 88% 2010, 77% avg. Apples 52% harvested, 25% 2010, 19% avg. Peaches 86% harvested, 90% 2010, 80% avg. The last week has been very wet. Perhaps a little late for corn recovery but continued rain throughout the month and into September and soybeans could turn out to a decent crop. Heavy rains on Sunday—some reports of 9+ inches. There was standing water in many areas. The rain was too late for most corn, but soybeans responded. Alfalfa and pastures have also responded to the rain.

FLORIDA: Topsoil moisture 3% very short, 25% short, 67% adequate, 5% surplus. Subsoil moisture 3% very short, 30% short, 65% adequate, 2% surplus. Peanuts 91% pegged, 100% 2010, 98% 5-yr avg. Jackson County bolls on early planted cotton acreage began to open. Washington County white mold visible in peanut fields; corn harvesting advanced at a rapid pace. Suwannee County early peanuts very close to harvest. Peanut pod blasting underway (which will determine digging dates). Lee County fall planting of vegetables active. Fall tomatoes, other vegetables were planted, progressing on schedule. Manatee County tomato planting active. Miami-Dade County okra continued, light supplies marketed. Homestead growers shipped avocados. Severe drought conditions exist in small parts of Okeechobee, Martin, St Lucie, and Palm Beach citrus counties, along the eastern, north-eastern shore of Lake Okeechobee. Next season's oranges almost baseball sized, grapefruit approaching softball sized. Grove activity resetting new trees, young tree care, applying herbicides, hedging/topping, brush removal, fertilizer application. Pasture condition 1% very poor, 2% poor, 27% fair, 55% good, 15% excellent. Cattle condition 1% very poor, 2% poor, 32% fair, 55% good, 10% excellent. Statewide; pasture condition mostly good, up slightly from previous week. Lack of soil moisture limited grass growth. Cattle condition declined from previous week. Most cattle in good condition. Panhandle, north; pasture condition poor to excellent, most good. Pastures continue slight improvement. Some damage from army worms. Most cattle condition good. Central, southwest; pasture condition very poor to excellent, most good. Grass growth about two months behind normal. Most cattle in fair to good condition.

GEORGIA: Days suitable for fieldwork 6.6. Topsoil moisture 29% very short, 40% short, 31% adequate, 0% surplus. Subsoil moisture 24% very short, 47% short, 29% adequate, 0% surplus. Range and pasture 14% very poor, 37% poor, 34% fair, 13% good, 2% excellent. Corn 14% very poor, 14% poor, 29% fair, 27% good, 16% excellent; 57% harvested, 45% in 2010, 30% avg. Cotton 9% very poor, 18% poor, 37% fair, 29% good, 7% excellent; squaring 98%, 100% 2010, 100% avg.; setting bolls 90%, 98% 2010, 97% avg.; bolls opening 13%, 28% 2010, 13% avg. Hay 12% very poor, 32% poor, 38% fair, 16% good, 2% excellent. Hay second cutting comp. 85%, n/a 2010, n/a avg. Peanuts 3% very poor, 11% poor, 42% fair, 33% good, 11% excellent; pegging 99%, 100% in 2010, 99% avg. Pecans 4% very poor, 14% poor, 47% fair, 26% good, 9% excellent. Sorghum 6% very poor, 19% poor, 50% fair, 23% good, 2% excellent; 9% harvested, 16% in 2010, 11% avg. Soybeans 6% very poor, 21% poor, 45% fair, 23% good, 5% excellent. Tobacco 58% harvested, 65% 2010, 64% avg. Precipitation estimates for the State ranged from no rain up to 3.0 inches. The week's average temperatures ranged from the low 70s to the mid 80s.

HAWAII: Days suitable for fieldwork 7.0. Soil moisture was at short to adequate levels. Skies were generally clear. Trade winds were at moderate levels throughout the week. Associated rains generally fell over the windward and mountain areas, but were spotty with wide variation. Trades were strong enough in some localities that showers were carried over to the leeward side. The National Drought Monitor showed no change in drought conditions compared to previous week. Areas rated with Honolulu and Kauai continued to be rated with no condition of drought. Crops were in generally fair condition throughout the week, but varied based on location. Conditions were ideal for

planting, cultivating, spraying, and harvesting activities.

IDAHO: Days suitable for field work 6.8. Topsoil moisture 6% very short, 22% short, 72% adequate, 0% surplus. Onions 5% harvested, 6% 2010, 5% avg. Spring wheat turning color 96%, 93% 2010, 98% avg. Barley turning color 100%, 95% 2010, 98% avg. Potato vines killed 5%, 6% 2010, 19% avg. Potatoes 0% harvested, 1% 2010, 2% avg. Oats harvested for grain 39%, 49% 2010, 46% avg. Dry peas 11% harvested, 30% 2010, 53% avg. Lentils 3% harvested, 17% 2010, 38% avg. Dry beans 0% harvested, 4% 2010, 12% avg. Alfalfa hay 2nd cutting harvested 90%, 92% 2010, 91% avg.; 3rd cutting harvested 20%, 40% 2010, 41% avg. Mint 1st cutting harvested 49%, 55% 2010, 74% avg. Irrigation water supply 0% very poor, 0% poor, 3% fair, 45% good, 52% excellent. Potato condition 0% very poor, 0% poor, 9% fair, 80% good, 11% excellent. Dry beans in much of Nez Perce County are just beginning to dry on the ridges, but the draws are still very green according to the Nez Perce County extension. Spring wheat turning color, at ninety six percent, is essentially complete. At the state level, second and third cutting of alfalfa are ninety and twenty percent complete, respectively.

ILLINOIS: Days suitable for fieldwork 6.5. Topsoil moisture 25% very short, 41% short, 34% adequate, 0% surplus. Alfalfa 76% third cut, 68% 2010, 71% avg. All districts had below average rainfall this week, with many farmers reporting that the dry weather is taking a toll on crop conditions. Average precipitation was 0.29 inches, 0.49 inches below normal. Average temperatures this week were equal to the norm at 73.9 degrees. The cool, dry conditions allowed farmers to make progress in hay baling, mowing, and grain hauling. Some farmers have begun harvesting corn for silage. Crop conditions weakened from last week.

INDIANA: Days suitable for fieldwork 6.4. Topsoil moisture 19% very short, 42% short, 39% adequate. Subsoil moisture 16% very short, 44% short, 40% adequate. Corn in dough 70%, 89% 2010, 77% avg.; dent 21%, 58% 2010, 33% avg.; condition 8% very poor, 17% poor, 37% fair, 31% good, 7% excellent. Soybeans blooming 95%, 100% 2010, 96% avg.; setting pods 74%, 93% 2010, 83% avg.; condition 6% very poor, 13% poor, 36% fair, 38% good, 7% excellent. Pasture condition 12% very poor, 29% poor, 39% fair, 18% good, 2% excellent. Third cutting alfalfa 61%, 79% 2010, 63% avg. Temperatures ranged from 4o below normal to 4o above normal with a low of 49o and a high of 93o. Precipitation ranged from 0 inches to 0.70 inches. Scattered rains brought limited relief to some areas of the state but crop conditions continued to decline. Reporters noted that corn is maturing faster than normal in the driest areas and lodging continued to be a problem. The soybean crop still needs additional rainfall as pods are trying to fill. Third cuttings of alfalfa have been fairly light. Mint harvest was underway in the north. Major activities during the week included attending field days, applying herbicides and fungicides, attending the state fair, cutting and baling hay, monitoring irrigation systems, mowing roadsides and taking care of livestock.

IOWA: Days suitable for fieldwork 6.0. Topsoil moisture 15% very short, 35% short, 47% adequate, and 3% surplus. Subsoil moisture 10% very short, 33% short, 55% adequate, and 2% surplus. Precipitation amounts varied widely across the state this week with crop conditions holding steady or improving slightly in areas which received timely rains. Areas that did not receive timely rain have seen crop conditions deteriorate. Southwest Iowa had a bout of severe weather Thursday containing high winds and hail which did damage to crops, grain storage, and homes. Missouri River flood waters seem to be receding which means recovery efforts will be the focus of affected producers for some time to come.

KANSAS: Days suitable for fieldwork 5.9. Topsoil moisture 34% very short, 27% short, 38% adequate, 1% surplus. Subsoil moisture 40% very short, 26% short, 34% adequate. Corn matured 15%, 20% 2010, 14% avg.; harvested for grain 4%, 3% 2010, 2% avg. Cotton squaring 96%, 100% 2010, 100% avg. Sunflowers bloomed 80%, 79% 2010, 76% avg.; ray flowers dry 22%, 17% 2010, 15% avg.; condition 3% very poor, 11% poor, 38% fair, 42% good, 6% excellent. Alfalfa third cutting 82%, 95% 2010, 91% avg.; fourth cutting 3%, 15% 2010, 18% avg. Feed grain supplies 11% very short, 16% short, 70% adequate, 3% surplus. Hay and forage supplies 21% very short, 30% short, 46% adequate, 3% surplus. Stock water supplies 22% very short, 23% short, 54% adequate, 1% surplus. It was another hot week in Kansas last week, with above average temperatures across most of the State and triple digit highs in the West, Central, and South Central Districts. It was cooler in the north and east areas of the State where thunderstorms held high temperatures in the low to mid 90's and dumped heavy rains with wind and hail damage in isolated areas. The Valley Falls station reported the most rainfall with 3.75 inches, followed by Lawrence with 3.14 inches, and Leavenworth with 3.11 inches. In contrast, 16 of 52 weather stations reported less than a tenth of an inch of precipitation last week, mostly in South Central Kansas where

some stations are around a foot behind their normal rainfall totals to date. Producers have been busy harvesting corn, spraying for insects, applying fertilizer, and cutting hay. The soybean condition continued to improve while the corn condition declined amidst reports of aflatoxin in some of the harvested corn. Livestock liquidations continued in order to ease the pressure on pastures and water supplies.

KENTUCKY: Days suitable for fieldwork 6.3. Topsoil 13% very short, 40% short, 45% adequate, 2% surplus. Subsoil moisture 10% very short, 36% short, 52% adequate, 2% surplus. Precipitation totaled 0.47 inches, 0.39 in. below normal. Temperatures averaged 75 degrees, which is normal. Corn reaching milk stage 80%. Dark tobacco topped 90% and cut 24%. Burley tobacco topped 67% and cut 14%. Condition of tobacco set, 2% very poor, 10% poor, 31% fair, 44% good, 13% excellent. Hay conditions 2% very poor, 12% poor, 33% fair, 48% good, 5% excellent.

LOUISIANA: Days suitable for fieldwork 6.6. Soil moisture 34% very short, 32% short, 32% adequate, 2% surplus. Corn 88% harvested, 80% 2010, 60% avg. Hay second cutting 86%, 92% 2010, 86% avg. Sweet Potatoes 6% very poor, 3% poor, 18% fair, 72% good, and 1% excellent. Sugarcane 28% planted, 29% 2010, 24% avg. 9% very poor, 14% poor, 30% fair, 39% good, 8% excellent. Livestock 4% very poor, 13% poor, 40% fair, 40% good, and 4% excellent. Vegetables 14% very poor, 20% poor, 35% fair, 29% good, and 2% excellent. Range and Pasture 19% very poor, 22% poor, 40% fair, 17% good, and 2% excellent.

MARYLAND: Days suitable for fieldwork 6.1. Topsoil moisture 8% very short, 22% short, 65% adequate, 5% surplus. Subsoil moisture 11% very short, 35% short, 53% adequate, 1% surplus. Hay supplies 6% very short, 20% short, 72% adequate, 2% surplus. Other hay second cutting 97%, 98% 2010, 99% avg.; third cutting 21%, 40% 2010, 40% avg. Alfalfa hay third cutting 85%, 75% 2010, 81% avg. Pasture condition 8% very poor, 24% poor, 35% fair, 31% good, 2% excellent. Corn condition 16% very poor, 21% poor, 29% fair, 30% good, 4% excellent. Soybean condition 10% very poor, 15% poor, 29% fair, 40% good, 6% excellent. Apple condition 0% very poor, 0% poor, 9% fair, 91% good, 0% excellent. Peach condition 0% very poor, 3% poor, 11% fair, 83% good, 3% excellent. Corn dough 91%, 92% 2010, 87% avg.; dent 66%, 72% 2010, 51% avg. Soybeans blooming 94%, 94% 2010, 86% avg.; setting pods 77%, 87% 2010, 70% avg. Cantaloups 76% harvested, 78% 2010, 76% avg. Cucumbers 77% harvested, 74% 2010, 75% avg. Green Peas 90% harvested, 99% 2010, 100% avg. Lima Beans 56% harvested, 39% 2010, 51% avg. Potatoes 97% harvested, 85% 2010, 84% avg. Snap beans 94% harvested, 73% 2010, 78% avg. Sweet corn 76% harvested, 72% 2010, 78% avg. Tomatoes 75% harvested, 71% 2010, 66% avg. Watermelons 66% harvested, 67% 2010, 66% avg. Apples 24% harvested, 21% 2010, 30% avg. Peaches 85% harvested, 78% 2010, 71% avg. The last week has been very wet. Perhaps a little late for corn recovery but continued rain throughout the month and into September and soybeans could turn out to a decent crop. Heavy rains on Sunday—some reports of 9+ inches. There was standing water in many areas. The rain was too late for most corn, but soybeans responded. Alfalfa and pastures have also responded to the rain.

MICHIGAN: Days suitable for fieldwork 6. Topsoil 4% very short, 19% short, 68% adequate, 9% surplus. Subsoil 4% very short, 22% short, 68% adequate, 6% surplus. Corn silked 98%, 100% 2010, 99% avg. Corn height 82 inches. Barley 0% very poor, 13% poor, 45% fair, 39% good, 3% excellent; 100% headed, 100% 2010, 40% avg.; 69% harvested, 97% 2010, 19% avg. Oats 1% very poor, 8% poor, 39% fair, 44% good, 8% excellent; turning 98%, 100% 2010, 100% avg. All hay 2% very poor, 8% poor, 23% fair, 52% good, 15% excellent. Second cutting hay 87%, 90% 2010, 90% avg. Third cutting hay 37%, 49% 2010, 42% avg. Dry beans 7% very poor, 10% poor, 30% fair, 36% good, 17% excellent; blooming 100%, 98% 2010, 98% avg.; setting pods 97%, 89% 2010, 88% avg. Apples 3% harvested, 7% 2010, 3% avg. Blueberries 85% harvested, 91% 2010, 80% avg. Tart cherries 100% harvested, 100% 2010, 100% avg. Precipitation ranged from 0.47 inches to 0.51 inches Upper Peninsula and 0.06 to 0.70 inches Lower Peninsula. Temperatures 3 degrees above normal Upper Peninsula and ranged from normal to 2 degrees above normal Lower Peninsula. A quiet week with a few scattered showers improved crop quality. Corn looking good. latest planted corn past R1. Western bean cut worm populations on decline. Soybean aphid numbers southwest Michigan fell dramatically. Natural enemies and disease likely cause. Soybean sudden death syndrome symptoms beginning to develop Ingham County. Third cutting of alfalfa underway. Dry beans at variable stages. Jersey and Rubel blueberry varieties machine harvested. Early season apple varieties picked. Harvest dates for major varieties will likely be about seven to ten days behind normal. European plums coloring. Harvest of other varieties continued. Redhaven peach harvest continued southwest. Pears 2.5 inches south. Niagara grape harvest

predicted to start September 16; Concord harvest forecast to begin about 16 days later. Fall raspberry harvest continued. Carrot harvest continued eastern counties. Disease pressure has abated somewhat due to cooler nights. Pepper and tomato harvest well underway. Bacterial spot continued to be a concern. Reports from tomato growers vary from fair to good. A small amount of onion crop has been harvested. Purple blotch, stemphyllium leaf blight, and bacterial soft rot most frequently mentioned disease struggles. West Central Michigan, celery harvest around fifty percent complete. Early blight has been major foliar disease issue. Disease pressure remained high vine crops. Powdery mildew a concern and present particular fields. Grand Rapids area, growers reported a favorable melon crop. Sweet corn harvest continued at a vigorous pace. Cabbage harvest approximately half complete.

MINNESOTA: Days suitable for fieldwork 5.8. Topsoil moisture 2% very short, 16% short, 71% adequate, 11% surplus. Pasture condition 1% very poor, 6% poor, 20% fair, 56% good, 17% excellent. Corn 89% milk, 96% 2010, 90% avg.; 1% Silage harvested, 3% 2010, 5% avg. Dry edible beans 91% setting pods, 97% 2010, NA avg.; 53% Fully Podded, 74% 2010, NA avg.; 11% Lower Leaves Yellowing, 20% 2010, NA avg.; condition 2% very poor, 7% poor, 23% fair, 46% good, 22% excellent. Spring wheat 95% turning ripe, 100% 2010, 94% avg. Sweet corn 43% harvested, 44% 2010, 41% avg. Canola 19% harvested, 62% 2010, 36% avg.; condition 10% poor, 46% fair, 43% good, 1% excellent. Potato 12% harvested, 22% 2010, 20% avg.; condition 3% poor, 14% fair, 53% good, 30% excellent. Sugarbeet condition 4% very poor, 14% poor, 29% fair, 41% good, 12% excellent. Sunflower condition 2% very poor, 7% poor, 48% fair, 39% good, 4% excellent. Limited rain and average temperatures provided suitable conditions for producers to harvest small grains. Reporters in southern areas have noted a prolonged lack of rain. Producers continued to scout and spray for soybean aphids when necessary.

MISSISSIPPI: Days suitable for fieldwork 5.6. Soil moisture 11% very short, 33% short, 55% adequate, and 1% surplus. Corn 100% dough, 100% 2010, 100% avg.; 99% dent, 100% 2010, 99% avg.; 85% mature, 92% 2010, 86% avg.; 29% harvested, 45% 2010, 31% avg.; 16% very poor, 15% poor, 31% fair, 26% good, 12% excellent. Cotton 99% setting bolls, 100% 2010, 100% avg.; 12% open bolls, 47% 2010, 28% avg.; 2% very poor, 8% poor, 24% fair, 47% good, 19% excellent. Peanuts 100% pegging, 100% 2010, 100% avg.; 0% very poor, 2% poor, 44% fair, 43% good, 11% excellent. Rice 99% heading, 100% 2010, 95% avg.; 20% mature, 78% 2010, 40% avg.; 2% harvested, 14% 2010, 4% avg.; 1% very poor, 5% poor, 27% fair, 49% good, 18% excellent. Sorghum 100% heading, 100% 2010, 100% avg.; 82% turning color, 97% 2010, 93% avg.; 38% mature, 79% 2010, 63% avg.; 3% harvested, 13% 2010, 24% avg.; 1% very poor, 6% poor, 24% fair, 60% good, 9% excellent. Soybeans 100% blooming, 100% 2010, 100% avg.; 98% setting pods, 98% 2010, 99% avg.; 22% turning color, 55% 2010, 51% avg.; 7% shedding leaves, 32% 2010, 31% avg.; 4% very poor, 10% poor, 22% fair, 49% good, 15% excellent. Hay (harvested-warm) 82%, 82% 2010, 81% avg.; 8% very poor, 27% poor, 26% fair, 35% good, 4% excellent. Sweetpotatoes 1% harvested, 4% 2010, 1% avg.; 4% very poor, 8% poor, 24% fair, 44% good, 20% excellent. Watermelons 100% harvested, 100% 2010, 100% avg. Cattle 2% very poor, 12% poor, 50% fair, 32% good, 4% excellent. Pasture 10% very poor, 16% poor, 40% fair, 31% good, 3% excellent. Harvest season has begun for most crops and is expected to be in full swing by next week. Scattered showers delayed some progress to the hay harvest. Reports indicate that worms are putting pressure on soybeans, sorghum, and pastures and producers are spraying where necessary.

MISSOURI: Days suitable for fieldwork 5.2. Precipitation 1.50 in. Temperatures were normal to 2 degrees below average. Topsoil moisture 19% very short, 37% short, 41% adequate, 3% surplus. General rainfall was received over much of the State with the exception of the southwest district and the eastern edge of the state. The northwest district reported hail and high winds damaging crops and structures. Alfalfa hay 3rd cutting was 81 percent. Pasture condition 15% very poor, 27% poor, 38% fair, 18% good, 2% excellent.

MONTANA: Days suitable for field work 6.7. Topsoil moisture 9% very short, 0% last year; 57% short, 31% last year; 33% adequate, 65% last year; 1% surplus, 4% last year. Subsoil moisture 7% very short, 1% last year; 35% short, 31% last year; 56% adequate, 66% last year; 2% surplus, 2% last year. Winter wheat 79% harvested, 62% last year. Barley condition 4% very poor, 0% last year; 11% poor, 1% last year; 39% fair, 16% last year; 40% good, 56% last year; 6% excellent, 27% last year. Barley turning 87%, 94% last year. Barley 18% harvested, 23% last year. Corn condition 0% very poor, 0% last year; 2% poor, 1% last year; 31% fair, 21% last year; 51% good, 62% last year; 16% excellent, 16% last year. Corn chopped for silage 3%. Dry Peas 45% harvested, 80% last year. Durum wheat condition 2% very

poor, 0% last year; 1% poor, 3% last year; 14% fair, 28% last year; 34% good, 58% last year; 49% excellent, 11% last year. Durum wheat turning 77%, 79% last year. Lentils 48% harvested, 66% last year. Oats condition 1% very poor, 0% last year; 8% poor, 2% last year; 34% fair, 16% last year; 53% good, 58% last year; 4% excellent, 24% last year. Oats turning 85%, 95% last year. Oats 12% harvested, 31% last year. Spring wheat condition 4% very poor, 0% last year; 11% poor, 2% last year; 34% fair, 23% last year; 46% good, 57% last year; 5% excellent, 18% last year. Spring wheat turning 77%, 87% last year. Spring wheat 11% harvested, 13% last year. Alfalfa hay harvested second cutting 58%, 52% last year. Other hay harvested second cutting 51%, 34% last year. Range and pasture feed condition 1% very poor, 2% last year; 9% poor, 7% last year; 25% fair, 33% last year; 39% good, 50% last year; 26% excellent, 8% last year. Hot, dry summer-like weather prevailed across Montana for the week ending August 21st. The high for the State was 98 degrees, which registered in Hardin and Miles City. The highs for all other weather stations ranged from the upper 80s to mid 90s. Wisdom recorded the weekly low temperature of 27 degrees and West Yellowstone dipped down to 29 degrees. Harlowton received the most moisture in the State for the week at 0.83 inches, with most other weather stations reporting 0-0.5 inch precipitation.

NEBRASKA: Days suitable for fieldwork 5.4. Topsoil moisture 2% very short, 22% short, 73% adequate, and 3% surplus. Subsoil moisture 2% very short, 20% short, 76% adequate, and 2% surplus. Corn Irrigated conditions 1% very poor, 5% poor, 13% fair, 60% good and 21% excellent. Corn Dryland conditions 3% very poor, 8% poor, 21% fair, 53% good, and 15% excellent. Dry Beans Setting Pods 90%, 96% 2010, 92% avg.; conditions 2% very poor, 16% poor, 18% fair, 58% good, and 6% excellent. Alfalfa third cutting 70% complete, 81% 2010, 71% avg.; fourth cutting 4% complete, 3% 2010, 1% avg.; conditions 0% very poor, 4% poor, 17% fair, 63% good, and 16% excellent. A return to normal temperatures brought improved growing conditions and less stress on livestock. There were, however, storms that brought high winds and hail and caused damage to crops and property in locations around the state. Irrigation was active where needed. Grasshopper numbers were still a concern in portions of the west. Temperatures for the week averaged close to normal. Highs ranged from the low 80's to upper 90's. Lows were recorded in the mid 50's to low 60's. The highest levels of precipitation accumulated in the South East District with some locations reporting over 3 inches. The western two-thirds of the state was below normal in the amount of rainfall received.

NEVADA: Days suitable for fieldwork 7. Warm, dry summer weather continued with temperatures averaging a few degrees above normal in most regions. Las Vegas recorded a high temperature of 109 degrees and most stations recorded highs in the mid nineties. Precipitation was nil. There were several human caused wildfires during the week. The largest fire was contained at 3,895 acres south of Gardnerville. Second cutting of alfalfa neared completion and third cutting was getting underway in the north. Timothy and grass hay harvests progressed well under the favorable weather conditions. Potato condition rated mostly good, as did onions. Corn was in good to excellent condition. Pasture and range conditions declined due to drying but remained mostly good. Range livestock were doing well on abundant high country range. Main farm and ranch activities included haying, weed and pest control, fertilizing, irrigation, equipment maintenance, and livestock movement.

NEW ENGLAND: Days suitable for fieldwork 5.0. Topsoil moisture 2% very short, 11% short, 75% adequate, and 12% surplus. Subsoil moisture 2% very short, 20% short, 71% adequate, and 7% surplus. Pasture conditions 12% poor, 29% fair, 43% good, and 16% excellent. Maine Potatoes 5% harvested, 10% 2010, 5% average; condition 10% fair, 64% good, and 26% excellent. Massachusetts Potatoes 25% harvested, 10% 2010, 10% average; condition 4% poor, 31% fair, and 65% good. Rhode Island Potatoes 10% harvested, 15% 2010, 20% average; condition 20% fair and 80% good. Maine Oats 5% harvested, 30% 2010, 15% average; condition 21% fair, 75% good and 4% excellent. Maine Barley 5% harvested, 45% in 2010, 20% average, condition 10% fair, 87% good, and 3% excellent. Field corn condition 7% very poor, 9% poor, 29% fair, 47% good, and 8% excellent. Sweet corn 60% harvested, 70% 2010, 60% average, condition 3% poor, 23% fair, 70% good, and 4% excellent. Broadleaf Tobacco 40% harvested, 70% 2010, 55% average, condition 4% poor, 24% fair, and 72% good. Shade Tobacco was 75% harvested, 80% 2010, 70% average. First Crop hay was 99% harvested, 100% 2010, 99% average. Second crop hay 70% harvested, 95% 2010, 70% average. Third crop hay 20% harvested, 30% 2010, 20% average; condition 3% poor, 21% fair, 73% good, 3% excellent. Apples 10% harvested, 10% 2010, 10% average; set of fruit was 12% below average, 75% average, and 13% above average; size of fruit was 8% below average, 82% average, and 10%

above average; condition 1% very poor, 1% poor, 23% fair, 69% good, and 6% excellent. Peaches were 70% harvested, 65% 2010, 55% average. Pears 5% harvested, 15% 2010, 10% average, set of fruit was 2% below average, 97% average, and 1% above average; size of fruit was 5% below average and 95% average; condition 1% poor, 13% fair, and 86% good. Massachusetts Cranberry set of fruit 10% average and 90% above average; size of fruit was 10% below average and 90% average; condition 10% fair, 70% good, 20% excellent. Highbush Blueberries 85% harvested, 90% 2010, 85% average. Maine Wild Blueberries 65% harvested, 80% 2010, 75% average; set of fruit was 50% below average and 50% average; size of fruit was 24% below average, 43% average, 33% above average; condition 18% poor, 50% fair, and 32% good. Monday and Tuesday were cloudy with rain, heavy at times, and temperatures were in the upper 60s to upper 70s. Wednesday and Thursday skies cleared some and temperatures were warmer ranging from the upper 70s to the mid-80s. Friday, the clouds rolled back in and stayed for the weekend. A few isolated thunderstorms were sighted Friday and Saturday. Most of the region experienced some combination of rain, wind, and/or thunderstorms Sunday afternoon. Daytime temperatures later in the week were in the high 70s to mid-80s. Average nighttime temperatures for the week ranged from the upper 50s to mid-60s, slightly above average. The week's total rainfall ranged from 0.47 to 4.21 inches across the region. Farmers harvested fruits and a wide variety of vegetables, cut hay, weeded, scouted for pests, cultivated, sprayed, and fertilized between rain showers.

NEW JERSEY: Days suitable for field work 3.5. Topsoil moisture 60% adequate, 40% surplus. Subsoil moisture 75% adequate, 25% surplus. Pasture and Range condition 5% poor, 35% fair, 55% good, 5% excellent. There were measurable amounts of rainfall during the week in all localities. Temperatures were above normal across the Garden State. Farming activity throughout the week was limited due to rainfall leaving fields waterlogged. Fieldwork continued where permitted. Crop conditions rated mostly good for early-planted corn and soybeans. Producers continued chopping corn stalks for silage. Hay fields experienced sufficient regrowth for third-cuttings. Fungal disease pressure increased from excess moisture on fruit and vegetable crops. Summer-vegetable harvesting progressed for cantaloups, carrots, cucumbers, eggplant, peppers, sweet corn, and tomatoes. Other activities included spraying fungicides, transplanting and replanting vegetable crops, harvesting fruit, and livestock care.

NEW MEXICO: Days suitable for fieldwork 6.9. Topsoil moisture 55% very short, 34% short and 11% adequate. Wind damage 19% light and 5% moderate; 4% cotton damaged and 3% sorghum damaged. Alfalfa 8% very poor, 11% poor, 45% fair, 32% good and 4% excellent; fourth cutting 85% complete; fifth cutting 33% complete. Corn 2% very poor, 9% poor, 57% fair, 25% good and 7% excellent; 94% silked; 39% dough and 20% dent. Cotton 8% very poor, 33% poor, 26% fair, 17% good and 16% excellent; 100% squaring; 65% setting bolls; 6% bolls opening. Total sorghum 49% very poor, 16% poor, 29% fair and 6% good; 41% headed and 10% turning color. Peanuts 8% poor, 86% fair and 6% good; 75% pegging. Lettuce 50% planted. Chile 2% poor, 50% fair, 35% good and 13% excellent; 31% harvested. Onions 94% harvested. Pecans 1% poor, 21% fair and 78% good. Cattle 20% very poor, 34% poor, 33% fair, 12% good and 1% excellent. Sheep 30% very poor, 45% poor, 23% fair and 2% good. Range and pasture 49% very poor, 37% poor, 13% fair, 25% good and 1% excellent. The upper level high move into Texas this past week, brought good moisture to parts of the state, with some rainfall totals for the week: Los Alamos 1.14 inches, Clovis 0.90 inches, Las Vegas 0.90 inches, Chama 1.12 inches, Ruidoso 0.64 inches, Santa Fe 3.44 inches and Las Cruces 0.92 inches. Heavy rain fell in the Los Conchas burn scar area Sunday afternoon causing flash flooding. The temperatures for the week were above normal in most areas of the state.

NEW YORK: Days suitable for fieldwork 4.5. Soil moisture 3% very short, 14% short, 73% adequate, 10% surplus. Pasture conditions 6% very poor, 21% poor, 33% fair, 36% good, 4% excellent. Corn condition 12% poor, 29% fair, 49% good, 10% excellent. Soybean condition 6% poor, 32% fair, 51% good, 11% excellent. Hay condition 6% poor, 37% fair, 50% good, 7% excellent. Second cut alfalfa 98% complete, 93% average. Third cut alfalfa 49% complete, 53% average. Second cut clover-timothy 89% complete, 80% average. Third cut clover-timothy 41% complete, 39% average. Winter wheat 100% harvested, 100% 2010, 97% average. Oats 60% harvested, 90% 2010, 77% average. Potatoes 32% harvested, 30% 2010, 31% average. Apple 16% harvest complete, 15% 2010, 14% average; condition 9% poor, 28% fair, 52% good, 11% excellent. Grape condition 15% fair, 70% good, 15% excellent. Peach 70% harvest complete, 83% 2010, 59% average; condition 13% poor, 4% fair, 64% good, 9% excellent. Pear harvest 27% complete, 46% average; condition 6% fair, 73% good, 21%

excellent. Onion 54% harvested, 35% 2010, 32% average; condition 2% poor, 5% fair, 80% good, 13% excellent. Cabbage 48% harvested, 63% 2010, 43% average; conditions 7% poor, 19% fair, 73% good, 1% excellent. Sweet corn 48% harvested, 56% 2010, 49% average; conditions 8% poor, 17% fair, 64% good, 11% excellent. Snap beans 37% harvested, 50% 2010, 48% average; conditions 6% poor, 15% fair, 77% good, 2% excellent. Precipitation was above average for most of the state, and still above the seasonal average. Temperatures averaged above normal, ranging from 88 to 49 degrees.

NORTH CAROLINA: Days suitable for field work 6.2. Soil moisture 13% very short, 36% short, 49% adequate and 2% surplus. The state received below normal precipitation and below normal average temperatures last week. Activities for the week included harvesting of corn, tobacco, apples, peaches and cutting of hay. Significant rainfall is still needed to help crop conditions over the next few weeks.

NORTH DAKOTA: Days suitable for fieldwork 6.0. Topsoil moisture 6% short, 71% adequate, 23% surplus. Subsoil moisture 2% short, 68% adequate, 30% surplus. Durum 88% milk, 99% 2010, 100% avg.; 59% turning, 84% 2010, 89% avg.; 2% harvested, 17% 2010, 33% avg.; condition 3% poor, 26% fair, 56% good, 15% excellent. Canola 87% turning, 96% 2010, 92% avg.; 41% swathed, 74% 2010, 65% avg.; 6% harvested, 25% 2010, 26% avg.; condition 4% poor, 21% fair, 60% good, 15% excellent. Dry edible beans 94% setting pods, 100% 2010, 98% avg.; 35% fully podded, 90% 2010, 63% avg.; 8% lower leaves yellowing, 52% 2010, 35% avg.; condition 2% very poor, 10% poor, 37% fair, 41% good, 10% excellent. Dry edible peas 90% mature, 100% 2010, 99% avg.; 27% harvested, 81% 2010, 80% avg.; condition 13% poor, 43% fair, 41% good, 3% excellent. Flaxseed 61% turning, 80% 2010, 83% avg.; 3% harvested, 7% 2010, 10% avg.; condition 4% poor, 28% fair, 62% good, 6% excellent. Potatoes 1% vines killed, 18% 2010, 15% avg.; condition 6% very poor, 7% poor, 21% fair, 45% good, 21% excellent. Sugarbeets condition 1% very poor, 7% poor, 21% fair, 52% good, 19% excellent. Stockwater supply 1% short, 67% adequate, 32% surplus. Hay condition 3% very poor, 5% poor, 12% fair, 60% good, 20% excellent. Alfalfa hay second cutting 75% complete. Other hay cut 89% complete. Weather conditions were favorable for harvesting across the state this week. Small grain conditions remained mostly good to excellent as more growers across the state began harvesting activities. However, soil moisture levels in some fields remained a barrier to entry. Other activities during the week included spraying pesticides and cutting hay.

OHIO: Days suitable for fieldwork 6.3. Top soil moisture 8% very short, 23% short, 67% adequate, 2% surplus. Apple condition 2% very poor, 7% poor, 33% fair, 52% good, 6% excellent. Corn condition 3% very poor, 10% poor, 31% fair, 45% good, 11% excellent. Hay condition 4% very poor, 12% poor, 35% fair, 44% good, 5% excellent. Livestock condition 1% very poor, 4% poor, 23% fair, 60% good, 12% excellent. Range and Pasture condition 5% very poor, 12% poor, 35% fair, 40% good, 8% excellent. Soybean condition 2% very poor, 8% poor, 28% fair, 50% good, 12% excellent. Corn in dough 58%, 90% 2010, 75% avg.; 9% dent, 55% 2010, 28% avg. Corn for silage harvested 4%, 13% 2010, 6% avg. Soybeans blooming 99%, 100% 2010, 100% avg.; setting pods 71%, 93% 2010, 94% avg. Oats 99% harvested, 100% 2010, 100% avg. Alfalfa hay 3rd cutting 71%, 78% 2010, 74% avg.; 4th cutting 10%, 15% 2010, 9% avg. Other hay 2nd cutting 89%, 94% 2010, 90% avg.; 3rd cutting 25%, 33% 2010, 28% avg. Summer Apples 68% harvested, 82% 2010, 76% avg. Peaches 70% harvested, 83% 2010, 73% avg. Cucumbers 62% harvested, 90% 2010, 67% avg. Potatoes 28% harvested, 55% 2010, 28% avg. Processing tomatoes harvested 10%, 13% 2010, 12% avg.

OKLAHOMA: Days suitable for fieldwork 6.3. Topsoil moisture 71% very short, 24% short, 5% adequate. Subsoil moisture 83% very short, 15% short, 2% adequate. Wheat plowed 85% this week, 84% last week, 100% last year, 95% average; seedbeds prepared 15% this week, 7% last week, 37% last year, 29% average. Rye plowed 84% this week, 83% last week, 96% last year, 96% average; seedbeds prepared 7% this week, n/a last week, 34% last year, 25% average. Oats plowed 90% this week, 82% last week, 100% last year, 95% average; seedbeds prepared 15% this week, n/a last week, 32% last year, 24% average. Corn condition 60% very poor, 24% poor, 14% fair, 2% good; dough 96% this week, 93% last week, 99% last year, 94% average; 83% dent this week, 72% last week, 86% last year, 55% average; 40% mature this week, 39% last week, 51% last year, 39% average; 16% harvested this week, n/a last week, 9% last year, 10% average. Soybeans condition 50% very poor, 33% poor, 15% fair, 2% good; blooming 78% this week, 76% last week, 89% last year, 81% average; setting pods 47% this week, 39% last week, 61% last year, 56% average. Peanuts setting pods 59% this week, 46% last week, 80% last year, 86% average. Cotton squaring 91% this week, 80% last week, 100% last year, 98% average. Alfalfa condition 63% very poor, 24% poor, 10% fair, 3% good; 2nd cutting 92% this week, 91% last

week, 100% last year, 100% average; 3rd cutting 33% this week, 32% last week, 96% last year, 95% average. Other hay condition 70% very poor, 22% poor, 8% fair; 1st cutting 93% this week, 92% last week, 100% last year, 98% average; 2nd cutting 15% this week, 14% last week, 57% last year, 45% average. Livestock condition 13% very poor, 25% poor, 43% fair, 18% good, 1% excellent. Pasture and range condition 64% very poor, 26% poor, 9% fair, 1% good. Livestock; Prices for feeder steers less than 800 pounds averaged \$137 per cwt. Prices for heifers less than 800 pounds averaged \$127 per cwt. Livestock conditions were rated mostly in the fair to poor range.

OREGON: Days suitable for fieldwork 6.9. Topsoil moisture 11% very short, 49% short, 39% adequate, 1% surplus. Subsoil moisture 9% very short, 42% short, 47% adequate, 2% surplus. Alfalfa hay, second cutting 87%, 94% 2010, 98% avg.; third cutting 9%, 29% 2010, 35% average. Winter wheat 71% harvested, 90% 2010, 94% average. Barley, 70% harvested, 78% 2010, 83% average. Spring wheat 52% harvested, 90% 2010, 83% average. Winter wheat condition 0% very poor, 3% poor, 15% fair, 53% good, 29% excellent. Spring wheat condition 0% very poor, 1% poor, 17% fair, 60% good, 22% excellent. Barley condition 0% very poor, 0% poor, 24% fair, 60% good, 16% excellent. Corn condition 0% very poor, 1% poor, 27% fair, 68% good, 4% excellent. Range and Pasture 5% very poor, 16% poor, 32% fair, 40% good, 7% excellent. Weather; Hot weather with almost no precipitation this week. Average temperatures were only 0.12 degrees below normal, whereas the high temperatures averaged 8 degrees above normal. The hot weather was mainly at the end of the week. Low temperatures ranged from 34 degrees in Christmas Valley to 55 degrees in Portland. High temperatures ranged from 66 degrees in Crescent City to 99 degrees in The Dalles. There were five of the forty-three stations that reported a measurable amount of precipitation, but all below 0.03 inches. Field Crops; All field crops benefited from last week's warmer weather, with daytime temperatures nearing or exceeding 90 degrees around most of the State. Higher temperatures also allowed producers more time to continue harvest efforts. Producers around the State continued to irrigate row crops. Marion County producers were gearing up for the fall, as wheat and grass seed harvest neared an end. Field corn tasseled. Klamath County was preparing for a third hay cutting and potato harvest continued in Umatilla County. Vegetables; Vegetables were starting to look good as conditions remained warm. Tomatoes were starting to turn color and cole crops were bolting in some areas. Sweet corn was tasseled. Fruits and Nuts; Tart cherry harvest was almost complete. Peach harvest continued. Apples continued to size. Pear growers prepared for harvest in the Lower Hood River Valley. Plum crop seemed small. Hazelnuts were maturing well. Harvest of marionberries and raspberries was almost complete. Blueberries were showing a great crop with good size and good yield. First ripe blackberries were reported in Clackamas County. Spotted Wing Drosophila had started, but seemed to have waned. Nurseries and Greenhouses; Plant maintenance, irrigation, and fall planting preparations continued for nurseries and greenhouses. Livestock, Range and Pasture; The hot, dry weather continued to reduce forage quality on dryland range and pasture. Livestock were in good shape. Clackamas County reported a possible delay in weaning calves this season.

PENNSYLVANIA: Days suitable for fieldwork 5. Soil moisture 2% very short, 19% short, 75% adequate, and 4% surplus. Corn silked 98%, 96% pr. yr., 96% 5-yr; dough stage 47%, 58% pr. yr., 60% 5-yr. avg.; dent stage 19%, 29% pr. yr., 29% 5-yr. avg. Corn Height, 86 inches, 87 inches pr. yr., 81 inches avg. Oats ripe 99%, 97% pr. yr., 98% 5-yr. avg.; harvest is 92% complete, 97% pr. yr., 92% 5-yr. avg. Tobacco harvest is 8% complete, 39% pr. yr., 27% 5-yr. avg. Potato 8% harvest, 16% pr. yr., 18% 5-yr. avg. Alfalfa third cutting 88%, 94% pr. yr., 80% 5-yr. avg. Alfalfa fourth cutting 14%, 22% pr. yr., 14% 5-yr. avg. Timothy/Clover second cutting, 90%, 92% pr. yr., 83% 5-yr. avg. Peach 70% harvest, 86% pr. yr., 72% 5-yr. avg. Apple 28% harvest, 34% pr. yr., 30% 5-yr. avg. Corn condition 6% very poor, 15% poor, 34% fair, 34% good, 11% excellent. Oats condition 5% very poor, 25% poor, 34% fair, 34% good, 2% excellent. Soybean condition 1% very poor, 6% poor, 30% fair, 48% good, 15% excellent. Quality of Hay made 0% very poor, 3% poor, 26% fair, 64% good, 7% excellent. Pasture condition 13% very poor, 28% poor, 35% fair, 23% good, 1% excellent. Peaches condition 0% very poor, 0% poor, 2% fair, 49% good, 49% excellent. Apples condition 0% very poor, 13% poor, 17% fair, 51% good, 19% excellent.

SOUTH CAROLINA: Days suitable for fieldwork 6.6. Soil moisture 18% very short, 43% short, 39% adequate, 0% surplus. Corn 46% very poor, 28% poor, 18% fair, 7% good, 1% excellent. Soybeans 9% very poor, 26% poor, 42% fair, 22% good, 1% excellent. Livestock condition 2% very poor, 13% poor, 36% fair, 48% good, 1% excellent. Corn doughed 100%, 100% 2010, 100% avg.; 96% matured, 95% 2010, 90% avg.; 40% harvested, 29% 2010, 23% avg. Soybeans bloomed

92%, 93% 2010, 91% avg.; pods set 52%, 66% 2010, 60% avg. Cotton squared 100%, 100% 2010, 100% avg. Winter wheat 100% harvested, 100% 2010, 100% avg. Oats 100% harvested, 100% 2010, 100% avg. Tobacco 80% harvested, 79% 2010, 71% avg.; stalks destroyed 35%, 29% 2010, 22% avg. Hay other hay 99%, 99% 2010, 96% avg. Peaches 90% harvested, 93% 2010, 87% avg. Watermelons 99% harvested, 99% 2010, 97% avg. Cantelopes 99% harvested, 98% 2010, 98% avg. Relief from the heat finally arrived during the week ending August 21st, 2011. Low temperatures registered in the sixties for many areas around the State. Highs were in the low nineties for the beginning of the week but heated up to mid-nineties by week's end. Crops and livestock were given a chance to recover with the cooler temperatures and improved soil moisture levels. Thunderstorms rolled into the eastern part of the State Thursday bringing rain to some of the coastal counties. Reports of armyworms surfaced out of the Upstate, which kept farm operators on the lookout after a bad breakout last year. The State average temperature for the period was one degree above normal. Soil moisture conditions were 18% very short, 43% short and 39% adequate. The State average rainfall for the week was 0.4 inches with 6.6 days suitable for fieldwork. Ninety-six percent of the corn crop had matured by the end of the week, six points ahead of the five year average. Forty percent of the crop had been harvested. Cotton completed squaring and 87% of the crop had set bolls by the end of the week, remaining exactly on schedule based on the five year average. Twelve percent of the bolls had opened by the end of the week. Ninety-nine percent of peanuts had pegged, on pace with last year but 1 point behind the five year average. Ninety-two percent of soybeans had bloomed with 52% of the crop setting pods by the end of the week, remaining well behind historical figures. Tobacco harvest continued with 80% of the crop harvested by week's end, one point ahead of last year's harvest. Thirty-five percent of the stalks had been destroyed. Ninety-nine percent of cantelopes and watermelons had been harvested. Ninety-nine percent of hay had been harvested, exactly on pace with last year's figure. Peach harvest was 90% completed.

SOUTH DAKOTA: Days suitable for fieldwork 6.0. Topsoil moisture 1% very short, 21% short, 70% adequate, 8% surplus. Subsoil moisture 1% very short, 16% short, 71% adequate, 12% surplus. Barley ripe 94%, 94% 2010, 97% avg.; 65% harvested, 87% 2010, 85% avg.; 17% poor, 15% fair, 59% good, 9% excellent. Oats ripe 97%, 100% 2010, 99% avg. Corn 97% silked, 100% 2010, 97% avg. Corn silage harvested 3%, 0% 2010, 6% avg. Sorghum silage harvested 0%, 0% 2010, 9% avg. Soybeans dropping leaves 1%, 3% 2010, 4% avg. Sunflower blooming 86%, 90% 2010, 87% avg. Sunflower ray flowers dry 8%, 14% 2010, 16% avg. Sunflower bracts yellow 3%, 0% 2010, 3% avg. Sunflower 1% very poor, 2% poor, 23% fair, 59% good, 15% excellent. Alfalfa hay 2nd cutting harvested 93%, 92% 2010, 93% avg.; 3rd cutting harvested 37%, 40% 2010, 39% avg. Alfalfa hay 2% poor, 16% fair, 63% good, 19% excellent. Feed supplies 2% short, 81% adequate, 17% surplus. Stock water supplies 4% short, 76% adequate, 20% surplus. Cattle condition 1% poor, 12% fair, 72% good, 15% excellent. Sheep condition 1% poor, 12% fair, 68% good, 19% excellent. Some areas sustained crop damage from hail storms while others enjoyed much needed rain. Major activities this week included; finishing up harvesting of small grains, harvesting hay, hauling manure, scouting corn and soybean fields and spraying to prevent insect damage.

TENNESSEE: Days suitable for fieldwork 6.5. Topsoil moisture 19% very short, 43% short, and 38% adequate. Subsoil moisture 16% very short, 41% short, and 43% adequate. Pastures 6% very poor, 18% poor, 39% fair, 34% good, 3% excellent. Tobacco 78% topped, 78% 2010, 78% avg.; 3% very poor, 9% poor, 25% fair, 49% good, 14% excellent. Precipitation across Tennessee last week was sparse, leaving all areas needing a good general rain. Farmers expressed concern that conditions will deteriorate rapidly without significant rainfall, soon. Despite these dry conditions the majority of the corn, soybean, cotton, and tobacco crops remain in good-to-excellent condition. Pastures are not fairing as well, with the majority of the acreage in fair-to-good condition. Some cattle producers are feeding hay. Farm activities last week included equipment maintenance, topping tobacco, harvesting tobacco, hay, and corn silage, and spraying fungicides and insecticides.

TEXAS: Areas of the Northern High Plains, North East Texas, the Trans-Pecos, and the Edwards Plateau received up to 3 inches of rainfall, while the rest of the state observed little to no rainfall. Small Grains; Producers were in need of moisture for planting wheat in areas of the Plains. Row Crops; Producers switched irrigation from corn to cotton fields in areas of the High Plains; however, some cotton fields were abandoned due to dry irrigation wells. Some corn continued to be cut for silage in areas of the Northern Plains. Drought stressed cotton responded well to recent rainfall and lower temperatures in areas of the

Northern High Plains. Cotton continued to prematurely shed bolls due to hot and dry conditions in areas of the Southern Plains. Some soybeans were baled for hay in areas of the Blacklands. Irrigated cotton in areas of the Trans-Pecos made good progress with help from recent rainfall. Cotton set bolls in areas of the Trans-Pecos while harvest was active in the southern part of the state. The peanut crop progressed well in areas of South Texas, but was in need of moisture. Producers prepared land for fall corn planting in areas of the Lower Valley. Fruit, Vegetable and Specialty Crop Report; Fall vegetable planting slowed in North East Texas due to the lack of moisture. Pecan trees continued to drop nuts in areas of the Trans-Pecos. The grape crop was drought stressed, causing concern among the wine industry in areas of the Edwards Plateau. Livestock, Range and Pasture Report; Cattle were relocated to greening pastures in areas of the state receiving recent rainfall. Supplemental feedstuffs were in short supply across many areas of the state. Some irrigated Bermuda fields were baled for hay in the southern part of the state. Some producers liquidated herds due to limited forages and water sources. Rangeland, pastures, and trees went into premature dormancy due to severe drought conditions in some areas of the state. Fall and winter grasses were in need of plentiful rainfall for growth; however, producers were cautious of top soil run-off. Fire danger remained high in most areas of the state.

UTAH: Days suitable for field work 7. Subsoil moisture 3% very short, 20% short, 77% adequate, 0% surplus. Irrigation water supplies 3% very short, 8% short, 78% adequate, 11% surplus. Winter wheat 73% harvested, 79% 2010, 86% avg. Spring wheat 47% harvested, 53% 2010, 67% avg.; 0% very poor, 3% poor, 19% fair, 59% good, 19% excellent. Barley harvested (grain) 65%, 70% 2010, 76% avg. Barley condition 0% very poor, 1% poor, 12% fair, 68% good, 19% excellent. Oats harvested (grain) 37%, 49% 2010, 54% avg. Oats harvested for Hay or Silage 93%, 99% 2010, 95% avg. Corn silked (tasseled) 75%, 94% 2010, 94% avg.; dough 12%, 22% 2010, 38% avg. Corn condition 1% very poor, 4% poor, 34% fair, 55% good, 6% excellent. Alfalfa hay 2nd cutting 91%, 95% 2010, 96% avg.; 3rd cutting 15%, 21% 2010, 39% avg. Onions 2% harvested, 1% 2010, 14% avg. Cattle and calves condition 0% very poor, 0% poor, 11% fair, 72% good, 17% excellent. Sheep condition 0% very poor, 0% poor, 14% fair, 63% good, 23% excellent. Stock water supplies 0% very short, 7% short, 84% adequate, 9% surplus. Tart cherries 81% harvested, 99% 2010, 100% avg. Peaches 15% harvested, 13% 2010, 32% avg. Days suitable for field work averaged 6.8. The state of Utah saw thunderstorms last week in isolated areas; however, field work progressed. Soil moisture content decreased from the previous week. Topsoil moisture 3% very short, 24% short and 73% adequate. The majority of corn in Box Elder County has tasseled, with just a few exceptions. The winter wheat harvest is nearing completion. Yields have been mixed with some irrigated fields exceeding yield expectations while others didn't do as well. The culprit for decreased yields seems to be wheat stripe rust. Spring wheat harvest is underway. Farmers continue to cut and bale alfalfa hay. Third crop looks very good and clean. Most of the second cutting of alfalfa was in good to excellent condition. The onions in the county look good. Onion harvest should begin in a couple of weeks. Most fields have good to excellent stands. Cache County growers are harvesting winter wheat, spring wheat, and barley. Yields are respectable, though not as high as was expected earlier in the year. Stripe rust earlier in the season appears to be the major reason for lower wheat yields in Cache and Box Elder Counties. Corn is tasseling, but there is still concern maturity will not be reached before killing frosts. In Utah County a wind storm this past week caused damage to fruit crops by knocking fruit from trees. The corn crop in Sevier and Duchesne Counties continues to progress with the warmer temperatures, but remains delayed. Livestock continue to do well on summer ranges across the state. Some range fires caused by lightning were reported in the Locomotive Springs and Hansel Valley areas of Box Elder County. Over 20 range fires were reported which damaged several thousand acres of rangeland as well as some wheat fields. Higher elevation ranges in Sevier County are in very good condition with exceptional grass production. Lower elevation range is now very prone to fire due to an abundance of cheat grass which is now very dry. Duchesne County producers are reporting excellent feed on summer range. Some livestock producers are beginning to worry about the cost of hay as it continues to rise.

VIRGINIA: Days suitable for fieldwork 6.1. Topsoil moisture 17% very short, 31% short, 50% adequate, 2% Surplus. Subsoil moisture 18% very short, 36% short, 45% adequate, 1% surplus. Pasture 10% very poor, 20% poor, 33% fair, 35% good, 2% excellent. Livestock 2% very poor, 7% poor, 23% fair, 56% good, 12% excellent. Other hay 9% very poor, 15% poor, 31% fair, 42% good, 3% excellent. Alfalfa hay 5% very poor, 10% poor, 25% fair, 54% good, 6% excellent. Corn dough

87%; 88% 2010; 83% 5-yr avg.; dent 69%, 68% 2010; 61% 5-yr avg.; 32% mature; 42%; 28% 5-yr avg. Corn Silage harvested 51%; 60% 2010; 38% 5-yr avg. Corn 5% very poor, 10% poor, 24% fair, 48% good, 13% excellent. Soybeans blooming 87%; 89% 2010; 88% 5-yr avg.; setting pods 56%; 52% 2010; 62% 5-yr avg.; 1% very poor, 4% poor, 23% fair, 54% good, 18% excellent. Tobacco Flue-cured harvested 22%; 26% 2010; 31% 5-yr avg. Tobacco Flue-cured 1% poor, 36% fair, 38% good, 25% excellent. Tobacco Burley harvested 15%; 16% 2010; 9% 5-yr avg. Tobacco Burley 2% poor, 20% fair, 70% good, 8% excellent. Tobacco Dark fire-cured harvested 60%; 34% 2010; 21% 5-yr avg. Tobacco Dark fire-cured 1% poor, 80% fair, 16% good, 3% excellent. Peanuts Pegged 88%; 88% 2010; 97% 5-yr avg. Peanuts 3% fair, 57% good, 40% excellent. Cotton setting bolls 91%; 89% 2010; 96% 5-yr avg.; bolls opening 9%; 4% 2010; 16% 5-yr avg.; 1% fair, 58% good, 41% excellent. Summer Apples harvested 60%; 81% 2010; 79% 5-yr avg. Apples All 70% fair, 25% good, 5% excellent. Peaches 73% harvested; 74% 2010; 81% 5-yr avg.; 6% poor, 18% fair, 70% good, 6% excellent. Grapes 14% fair, 68% good, 18% excellent. Scattered rains throughout Virginia promoted good crop growth in many areas; however, more rain is needed. Soybeans are looking very good as a result of the much needed rains they received this past week. In some areas corn earworms in soybeans are being treated. Growers are busy cutting hay and preparing for corn harvest. Growers continued to harvest corn for silage. Flue- tobacco harvest is in full swing. Cotton and peanuts are being monitored and treated with insect and fungicide sprays. Pumpkins continue to grow well. Strawberry farmers are preparing their fields for planting in mid to late September. Vegetable growers are harvesting the last of the melon crop, tomatoes, eggplant, peppers, and other vegetables.

WASHINGTON: Days suitable for fieldwork 7.0. Topsoil moisture 6% very short, 35% short, 55% adequate, and 4% surplus. With another week of dry weather producers were able to continue harvesting winter wheat at a quick pace and even get a start on spring grains. Winter wheat yield and quality coming out of Whitman County were above average. The first tassels finally popped out of the field corn in Snohomish County. Field corn progress continued to be significantly behind statewide 5 year averages at only 59 silked and 2 percent doughed. Hay storage barns were filling up as second cutting was coming off fields in Klickitat County. Second cutting yields in Steven's County were above average due to plentiful moisture. Peach, nectarine, and a few late apricots were harvested in the lower Yakima Valley. Apple thinning continued in the upper Valley. Commercial plum harvest was anticipated next week. Growers were mowing and placing bins out in anticipation of pear harvest as well. Harvest of sweet corn, tomatoes, peppers and okra was picking up. Most hop varieties were setting cones, and harvest of the early varieties should begin next week in the Yakima Valley. Pears and apples in Chelan County were maturing well, but at least 10 days behind. Raspberry harvest concluded in Whatcom County; blackberries began to ripen while blueberry harvest continued. Range and pasture conditions were 3% very poor, 10% poor, 35% fair, 47% good and 5% excellent. Cattle were moved onto wheat stubble fields for short term grazing in Klickitat County. Pastures were beginning to dry up in the lower elevations of Asotin County, but there was still plenty of grass present.

WEST VIRGINIA: Days suitable for field work 6. Topsoil moisture 6% very short, 28% short, 65% adequate, and 1% surplus compared to 18% very short, 36% short, 43% adequate, and 3% surplus last year. Corn conditions 7% very poor, 6% poor, 31% fair, 54% good and 2% excellent. Corn silked 91%, comparison data not available. Corn doughing 56%, 85% in 2010, and 56% 5-year avg. Corn 5% dented,

31% in 2010, and 18% 5-year avg. Soybeans conditions 1% poor, 25% fair, 73% good, and 1% excellent. Soybeans 99% blooming, comparison data not available. Soybeans setting pods 86%, 97% in 2010, and 76% 5-year avg. Soybeans dropping leaves 1%, 2% in 2010, 5-year avg. unavailable. Hay was reported 2% very poor, 11% poor, 25% fair, 57% good and 5% excellent. Hay second cutting was 64% complete, 61% in 2010, and 61% 5-year avg. Range and pasture conditions 5% very poor, 16% poor, 42% fair, 33% good, and 4% excellent. Apple conditions were 10% poor, 36% fair, 52% good, and 2% excellent. Peaches 80% harvested, 75% in 2010, and 59% 5-year avg. Cattle and calves were 3% poor, 23% fair, 69% good, and 5% excellent. Sheep and lambs were 1% poor, 17% fair, 79% good, and 3% excellent. Farm activities included working in vegetable gardens, baling and transporting hay, vaccinating livestock, chopping corn for silage, harvesting peaches and apples, and part.

WISCONSIN: Days suitable for fieldwork 6.0. Topsoil moisture 4% very short, 24% short, 68% adequate, and 4% surplus. Oats 84% harvested, 85% in 2010, 85% 5-yr. avg. Corn dough 58%, 73% 2010, 55% 5-yr. avg.; dent stage 9%, 31% 2010, 16% 5-yr. avg.; condition 1% very poor, 5% poor, 16% fair, 53% good, 25% excellent. Soybeans setting pods 90%, 89% 2010, 85% 5-yr. avg.; condition 1% very poor, 4% poor, 14% fair, 56% good and 25% excellent. Pasture condition 3% very poor, 11% poor, 27% fair, 51% good and 8% excellent. Third crop hay harvested 76%, 60% 2010, 59% 5-yr. avg. Seasonable weather boosted crop development across Wisconsin this week, with spotty rains bringing small amounts of moisture to most areas. Producers in the north and central regions of the state used the drier weather to forge ahead with hay and small grains harvests. The southern regions of the state are still drier than normal for the season. Across the reporting stations, average temperatures last week were 1 degree below normal to 1 degree above normal. Average high temperatures ranged from 81 to 83 degrees, while average low temperatures ranged from 56 to 63 degrees. Precipitation totals ranged from 0.05 inches in Green Bay to 0.89 inches in Eau Claire.

WYOMING: Days suitable for field work 7.00. Topsoil moisture 3% very short, 38% short, 54% adequate, 5% surplus. Barley progress 89% turning color, 81% mature, 76% harvested. Oats progress 84% turning color, 61% mature, 41% harvested. Spring wheat progress 95% turning color, 76% mature, 36% harvested. Winter wheat progress 99% harvested. Dry bean progress 93% bloom, 81% setting pods, 21% leaves turning color. Corn progress 78% silked, 41% milk, 20% dough. Corn silage 1% harvested. Alfalfa harvested, 2nd cutting 65%. Alfalfa harvested, 3rd cutting 6%. Other hay harvested 84%. Oat condition 24% fair, 72% good, 4% excellent. Spring wheat condition 29% fair, 65% good, 6% excellent. Corn condition 1% poor, 17% fair, 77% good, 5% excellent. Dry bean condition 5% poor, 37% fair, 52% good, 6% excellent. Sugar beet condition 35% fair, 60% good, 5% excellent. Alfalfa condition 14% fair, 80% good, 6% excellent. Livestock condition 6% fair, 90% good, 4% excellent. Range and pasture condition 8% poor, 20% fair, 65% good, 7% excellent. Irrigation water supplies 7% very short, 5% short, 78% adequate, 10% surplus. Warmer temperatures prevailed over most of Wyoming this past week. Uinta County reported that small portions of high mountain snow still remain, most of the county looks good but conditions are drying out. Platte County also reported warm temperatures and dry conditions. Crops in that area of the state are maturing well. Activities checking livestock, fencing, irrigating, harvesting small grains, haying.