ALABAMA: Days suitable for fieldwork 6.0. Topsoil 5% very short, 21% short, 70% adequate, 4% surplus. Corn mature 90%, 82% 2002, 90% avg.; 46% harvested, 38% 2002, 52% avg.; 1% very poor, 3% poor, 8% fair, 47% good, 41% excellent. Soybeans 84% setting pods, 96% 2002, 90% avg.; 15% dropping leaves, 29% 2002, 22% avg.; 1% very poor, 3% poor, 11% fair, 56% good, 29% excellent. Pasture feed 1% very poor, 3% poor, 19% fair, 52% good, 25% excellent. Livestock condition: 0% very poor, 4% poor, 14% fair, 56% good, 26% excellent.

ALASKA: Days suitable for fieldwork 5.0. Topsoil 5% short, 65% adequate, 30% surplus. Subsoil 15% short, 85% adequate. Daytime high temperatures were generally in the fifties to sixties. Lows were mostly in the thirties to forties. The barley crop was reported as 25% harvested. Oat 15% harvested. Potatoes 30% harvested. Second cutting hay harvest was 45% complete statewide. Winter supplies of hay 30% short, 70% adequate. Wind, rain damage to small grains was reported as 95% none, 5% light. Harvest was underway across the state.

ARIZONA: Temperatures for the State were above average for the week. Cotton setting bolls is complete. Cotton bolls opening was reported at 71%, behind last year’s rate of 86%, the five year average of 77%. Alfalfa conditions were mostly good to excellent, with harvest progressing at a normal rate. With much needed precipitation from the summer monsoons, ranges are showing temporary improvement.

ARKANSAS: Days suitable for fieldwork. 6 Soil Moisture 2% very short, 18% short, 71% adequate, 9% surplus. Corn 99% Matured, 98% 2002, 98% 3- yr avg.; 58% Harvested, 47% 2002, 70% 5- yr avg. Soybeans 25% Yellowing, 26% 2002, 18% 5- yr avg.; 15% Shedding, 18% 2002, 16% 5- yr avg.; 9% Matured; 5% Harvested; 4% very poor, 9% poor, 27% fair, 41% good, 19% excellent. Sorghum 99% turing color, 97% 2002, 97% 5- yr avg.; 91% Matured, 86% 2002, 84% 5- year avg.; 53% Harvested, 49% 2002, 50% 5- yr avg.; 0% very poor, 4% poor, 22% fair, 54% good, 20% excellent. Cotton 44% opening bolls, 42% 2002, 58% 5-yr avg.; 1% very poor, 5% poor, 26% fair, 51% good, 17% excellent. Rice 16% Harvested, 21% 2002, 22% 5-yr avg.; 1% very poor, 3% poor, 21% fair, 51% good, 24% excellent Hay -other: 0% very poor, 7% poor, 40% fair, 48% good, 5% excellent Hay - Alfalfa 0% very poor, 11% poor, 26% fair, 61% good, 2% excellent. Pasture, Range 1% very poor, 12% poor, 37% fair, 45% good, 5% excellent. Much needed rain. Cooler weather has fallen across the state. A few areas in the northern part of the state received extensive flood damage. Harvest is in full swing for sorghum, rice, soybeans, corn harvest is drawing to an end. Sodium chloride is being applied to some rice fields to aid harvest. Flooding over several thousand acres was reported in the northeastern portion of the state, with extent of damage yet to be determined. Across the rest of the state, farmers are applying fungicides, insecticides where needed. Some counties in the eastern sector of the state are beginning to apply cotton defoliate. Apples are also being harvested, and pumpkin crops are being monitored. LIVESTOCK: Livestock were reported to be in good condition. For the majority of the state, forage growth has been aided by the cool moist conditions. However, a few counties lost several hundred bales of hay due to flooding, in some areas curing has been delayed intermittent showers. Producers continued with hay harvesting, preparing to plant fall forages. A few producers weaned calves to take advantage of current prices.

CALIFORNIA: Cotton plants were maturing rapidly. Open bolls began to show in some cotton fields. Irrigation, weeding, pest control treatments were in progress in many cotton fields. However, irrigation was being stopped in several of the early-planted fields. Harvested grain fields were left fallow, used for grazing, or prepared for planting of the next crop. Baled straw was stacked in some harvested grain fields. Grain was planted for winter forage in a few locations. Some fields planted earlier were showing good crop emergence. The harvest of alfalfa seed continued with good yields reported in several areas. Alfalfa hay was cut, windrowed, baled, stacked. Maturing alfalfa hay fields were irrigated, treated to control insect pests as necessary. Corn for seed, feed, and food processing was developing well. Fields were drying and nearly ready for harvest. Silage corn was chopped, loaded into trucks, hauled to dairies for storage. Harvesting of sugar beets continued. Irrigation was underway in maturing sugar beet fields. Pods of blackeye beans were drying. Rice harvesting began in a number of fields. Other rice fields continued to be drained in preparation for harvest. Sunflower harvesting continued. Irrigation, treatments to control insect pests were ongoing in tree fruit orchards. Stone fruit orchards continued to produce an abundance of fruit as late ripening varieties reached maturity. Varieties picked, packed included Prima peaches, Angelena plums, Snow Time nectarines, Flavoirich pluots, and Moyer prunes. Picking and packing of Hosui Asian pears continued in several districts. Harvested orchards were summer pruned, topped, irrigated, and fertilized. Fruit maturity in pomegranate orchards continued to improve, with good color development noted. Raisin harvesting was well underway with approximately 10% of the crop already picked, laid out on trays to dry. Trays in some raisin vineyards picked earlier were rolled, in a few areas were picked up and put in bins. Many dried on the vine raisin vineyards had canes cut to start fruit drying for mechanical harvesting. Table grape harvesting continued. Crimson, Thompson Seedless, Flame Seedless, Red Globe were the primary varieties picked, packed. Wine, juice grape harvesting expanded with Zinfandel, Cabernet Sauvignon, Alicante Bouchet and Muscat varieties being picked. Harvesting of Granny Smith, Gala apples continued. Strawberries were planted in many locations. Fields planted earlier showed good growth, were being irrigated. Irrigation, insect, weed control operations were ongoing in many citrus orchards. Valencia oranges were picked in a few areas. New crop Navels were sizing well. Harvesting of lemons, Marsh Ruby grapefruit continued in the southern coastal areas of the State. Olive growers applied bait to trees and placed traps in groves to protect against olive fruit flies. Almond harvesting was active throughout the State. Trees were shaken, nuts were raked into windrows, picked up, hauled to processors. Walnut, pistachio, and pecan crops continued to show steady development. Irrigation and treatments to control insect pests were underway as needed. Broccoli, other newly planted cool season vegetables sprouted, were showing good progress. Many operators continued to prepare and plant fields for fall harvest. Pest control treatments for worms, miles, aphids were ongoing. Fungicides continued to be applied in both fresh market, processing tomato fields. Processing tomatoes continued to suffer some mold damage. Fresh market and
processing tomato harvesting drew to a close in southern areas, but continued in other parts of the State. Onion harvesting was approximately 50% complete in the Central Valley. Cantaloupes, honeydews, mixed melons, watermelons were being picked, packed, with variable yields reported. Squash seed fields were treated for worms. Some growers treated melon fields for cucumber beetles. Bean fields were treated for worms, leaf hopper, lygus, mites. Lettuce planted for seed continued to show good seed head development. Large quantities of garlic, black pepper, onion, okra, celery, green onions, okra, parsley, hot peppers, spinach. The following vegetables were also harvested: basil, carrots, cauliflower, celery, cucumbers, green onions, okra, parsley, hot peppers, spinach. Rangeland, pastures continued to dry out, were nearly depleted in many areas. Fire hazards remained high, and some grass fires were observed during the week. Cattle grazed in irrigated pastures. Sheep grazed in low areas. Irrigated pastures were in some late season vegetable, melon fields. Milk production remained relatively low due to hot weather. Misters were used in many dairy lots to cool.

COLORADO: Days suitable for field work 5.8. Top soil 26% very short, 27% short, 45% adequate, 2% surplus. Subsoil 41% very short, 34% short, 25% adequate, 0% surplus. State received scattered rain showers statewide ranging from a trace to over an inch. Areas in the San Luis Valley, southeastern state remained mostly dry. Temperatures across the state remained seasonal last week. Spring wheat 93% harvested, 90% 2002, 73% avg. Spring barley 99% harvested, 99% 2002, 94% avg. Sunflower condition very poor, 19% poor, 39% fair, 27% good, 7% excellent. Alfalfa 3rd cutting 51%, 53% 2002, 54% avg.; 4th cutting 4%, 6% 2002, 4% avg.; 3% very poor, 9% poor, 24% fair, 44% good, 20% excellent. Dry beans 28% cut, 33% 2002, 34% avg.; 9% harvested, 26% 2002, 20% avg.; 5% very poor, 8% poor, 30% fair, 41% good, 16% excellent. Sugar beets condition 2% poor, 19% fair, 46% good, 33% excellent. Summer potatoes 65% harvested, 46% 2002, 58% avg.; 1% very poor, 1% poor, 4% fair, 61% good, 33% excellent. Fall potatoes 8% harvested, 9% 2002, 7% avg.; 7% poor, 30% fair, 50% good, 14% excellent. Dry onions 51% harvested, 46% 2002, 51% avg.; 2% very poor, 3% poor, 22% fair, 54% good, 19% excellent.

GEORGIA: Days suitable for field work 5.7. Soil 18% short, 66% adequate, 16% surplus. Corn 66% harvested for grain, 77% 2002, 73% avg. Cotton 0% harvested, 4% 2002, 4% avg. Hay 4% poor, 23% fair, 60% good, 13% average. Peanuts 4% dug, 8% 2002, 3% avg.; 1% combined, 4% 2002, 3% avg. Rye 2% planted, 2% 2002, 1% avg. Sorghum 1% very poor, 4% poor, 22% fair, 56% good, 17% excellent; 33% harvested for grain, 26% 2002, 26% avg. Soybeans 96% setting pods, 95% 2002, 92% avg. Tobacco 96% harvested, 96% 2002, 92% avg. Apples 7% poor, 13% fair, 62% good, 18% excellent; 27% harvested, 33% 2002, 29% avg. Pecans 1% very poor, 12% poor, 31% fair, 49% good, 7% excellent. Scattered showers moved across the State, but many areas remained dry last week. Corns have benefited from the hot, sunny weather. Evidence of southern corn rootworm was discovered in peanut maturity check samples in south Georgia. Drier days allowed for hay to be cut, baled. Soil moisture was generally adequate, however, clay soils have dried out significantly in the central part of the State. Land preparation for fall planting continued. Cattlemen prepared to start overseeding pastures for winter grazing. Some fields in south state required irrigation to finish the crops. Activities: Routine care of livestock, poultry, applying insecticide, pesticide to fields.

HAWAII: Normal trade wind weather prevailed over the State during the past week. Tropical Storm Jimena brought beneficial rainfall to the Big Island. Although over six inches of rain was reported in some areas, no crop damage or losses were reported. East state banana orchards were in fair to good condition with active harvest. Lower Puna papaya orchards were making steady progress with some fields in active harvest. Vegetables remained in mostly fair to good condition.

IDAHO: Days suitable for field work 6.7. Topsoil 30% very short, 46% short, 24% adequate. Harvest is winding down for many crops across the state. Above normal temperatures continue to provide favorable harvesting conditions. Irrigation Water Supply is 16% very poor, 20% poor, 39% fair, 24% good, 1% excellent. Potato Vines Dying/Killed 61%, 42% avg.; 7% Harvested, 11% 2002, 35% avg.; 7% Harvested, 11% 2002, 72% avg.; 9% very poor, 2% poor, 21% fair, 64% good, 13% excellent. Peaches 90% Harvested, 42% 2002, 61% avg. Plums, Prune 80% Harvested, 36% 2002, 44% avg. Apples 7% Harvested, 4% 2002, 10% avg. Oats Harvested for Grain 88%, 57% 2002, 69% avg. Alfalfa Hay 2nd Cutting Harvested 98%, 100% 2002, 99% avg.; 3rd Cutting Harvested 65%, 62% 2002, 63% avg.; 4th Cutting Harvested 26%; 17% 2002, 14% avg. Dry Peas Harvested 100%, 84% 2002, 93% avg. Lentils Harvested 100%, 90% 2002, 91% avg. Dry Beans Harvested 41%, 45% 2002, 27% avg. Onions Harvested 38%, 26% 2002, 20% avg. Field Corn Harvested for Silage 10%, 4% 2002, 9% avg. Winter Wheat 3% Planted, 4% 2002, 4% avg. Activities: Irrigating, caring of livestock, harvesting small grains, hay, peaches, prunes, plums, apples, dry peas, lentils, dry beans, corn for silage, potatoes, onions, winter wheat seeding.
ILINOIS: Days suitable for fieldwork 4.6. Topsoil 10% very short, 20% short, 63% adequate, 7% surplus. Recent rains re-supplied topsoil moisture to most of the state of Illinois last week improving some crop conditions. Many farmers are still concerned about the impact that the drought conditions from this summer will have on crop yields this fall. Reports indicate that soybeans, late planted corn and pastures improved in condition last week. Soybeans have received the most benefits from Labor Day Weekend’s heavy rainfall. Up to three inches of growth was reported across Illinois this week. Corn, early planted, was the first of the state to begin week last week for processing and seed corn. Early harvesting of corn that had been damaged by drought, wind or insects began last week with reportedly more than expected being chopped for silage. Farmers were observed mowing, baling hay, preparing equipment for harvest, hauling grain, seeding alfalfa and spraying soybeans.

INDIANA: Days suitable for fieldwork 2.8. Topsoil 0% very short, 5% short, 64% adequate, 31% surplus. Subsoil 2% very short, 9% short, 69% adequate, 20% surplus. Heavy rain on Labor day brought flooding, ponding in low lying areas. Central districts received from 4 to 8 inches of rain. Severe flooding along the White, Eel rivers. Weekend showers, heavy in some areas, brought much needed relief to major crops. Corn harvest continued in a few early maturing fields in southwestern areas. Chopping of corn for silage underway, some areas. Corn condition improved to 61% good to excellent, 28% year ago. Soybean condition improved to 60% good to excellent, 32% a year ago. Excellent week for cutting, bailing hay. Temperatures averaged 8° below to 1° above normal for the week. Precipitation averaged 1.29 to 8.29 inches. Recent rain has caused some damage to the tobacco and fields to cure. Livestock are in mostly good condition. Alfalfa hay 3rd cutting of 79% complete, 76% 2002, 92% avg. Topping of tobacco plants continued on some farms. Tobacco harvest 36% complete, 41% 2002, 53% avg. Pastures 2% very poor, 7% poor, 26% fair, 57% good, 8% excellent. Activities: Mowing, baling hay, scouting fields, attending meetings, moving grain to market, hauling manure, clearing out grain bins, mowing waterways, roadsides, preparing equipment for fall harvest, taking care of livestock.

IOWA: Agricultural Summary: Days suitable for fieldwork 6.9. Topsoil 70% very short, 27% short, 3% adequate, 0% surplus across state. Subsoil 60% very short, 35% short, 5% adequate, 0% surplus. Corn harvest for silage progressed across the state as well as hay harvest. Corn harvest for seed continued, grain harvest began. Reports indicate corn grain harvest will be in full swing in 10 days to two weeks. Due to unfavorable condition of pastures, winter hay supplies, silage were used as livestock feed. Corn acreage in or past dough stage was 97%, acreage in or past dent stage was 80%, behind 2002, progress of 86%, three days behind the 5-yr avg of 85% dent stage, acreage in mature stage was 27%, behind last year’s progress of 32%, two days behind the 5-yr avg of 33% mature stage, 1% acreage harvested for grain or seed. 12% very poor, 24% poor, 35% fair, 27% good, 2% excellent. Soybean acreage with leaves turning color was 44%, behind last year’s progress of 63% but similar to the 5-year average of 44% leaves turning color, acreage dropping leaves was 13%, behind last year’s progress of 18% but slightly ahead of the 5-year average of 12% dropping leaves, 13% very poor, 26% poor, 37% fair, 22% good, 2% excellent; 3rd cutting of alfalfa hay was 86% complete, similar to last year’s progress of 86% complete, five days ahead of the 5-year average of 80% complete. Livestock, Pasture, Range Report: Moderate temperatures were more favorable for livestock, but early weaning of calves continued due to lack of pasture, favorable prices. Pasture, range feed 56% very poor, 32% poor, 10% fair, 2% good, 0% excellent.

KANSAS: Days suitable for fieldwork 4.2. Topsoil 18% very short, 23% short, 53% adequate, 6% surplus. Subsoil 33% very short, 36% short, 29% adequate, 2% surplus. Corn 24% harvested. Soybeans 97% setting pods, 98% 2002, 98% avg.; 1% harvested, 2% 2002, 3% avg. Sunflowers 75% ready for dry, 83% 2002, 81% avg. of the state. Harvest; 60% 2002, 54% avg.; harvested 3%, 5% 2002, 12% very poor, 21% poor, 37% fair, 25% good, 5% excellent. Alfalfa 4th cutting 42%, 49% 2002, 60% avg. Cotton 21% bolls opening,1% very poor, 7% poor, 40% fair, 49% good, 3% excellent. Wheat seeding 2%, 4% 2002, 3% avg. Harvest of corn continued where conditions permitted. Harvest of other row crops has just begun. Winter wheat seedbed preparation, fertilizing continues. Pasture feed 33% very poor, 32% poor, 30% fair, 5% good. Hay, forage supplies 9% very short, 26% short, 63% adequate, 2% surplus. Cattle, calves moving to market due to good prices.

KENTUCKY: Days suitable for fieldwork 2.4. Topsoil 2% short, 57% adequate, 41% surplus. Subsoil 5% short, 63% adequate, 32% surplus. The system that brought rain for most of the State also brought cooler temperatures for the rest of the week. After the showers passed through, farmers continued to cut and house tobacco, harvest corn. The increased high humidity brought some concern of possible increased houseburn in the early housed tobacco. The rain, however, improved the soybean crop, helping to fill pods especially in the double cropped fields. Some crops in the low-lying areas remained moderate damage from excess water. For the most part, crops look very good. Tobacco condition 2% very poor, 7% poor, 25% fair, 47% good, 19% excellent. Burley tobacco cut 44%, 66% 2002, 5 yr avg 70%. Dark tobacco cut 45%, 57% 2002, 65% 5 yr avg. Tobacco crop condition 76% good to excellent, 19% very poor, 5% poor, 2% fair, 2% very good, 3% day’s harvest. Tobacco harvest 71% complete, 100% 2002, 88% avg. Tobacco harvest 36%, 90% 2002, 77% avg. Tobacco harvest 3% very poor, 18% poor, 38% fair, 42% good, 25% excellent. Alfalfa hay is harvested in most areas. The turnips harvested 45%, 66% 2002, 65% avg. Hay outstanding conditions. Wheat harvest 27%, 57% 2002, 67% avg. Winter wheat harvest 40%, 72% 2002, 70% avg. Alfalfa hay 4% very poor, 22% poor, 30% fair, 45% good, 21% excellent; 68% planted 58% last week, 59% 2002, 62% avg. Winter wheat hay in some areas. Alfalfa hay and corn silage progressing across the state as well as hay hay. Pastures 3% poor, 30% fair, 56% good, 11% excellent. Vegetables 7% very poor, 17% poor, 49% fair, 25% good, 2% excellent.
Peninsula. Farmers expressed concerns about dry conditions, as subsoil moisture levels continued to decline. Topsoil powdery some areas. The corn crop continued to look excellent and drying down nicely. Corn silage harvest full swing. Dry bean harvest had begun. Dry conditions helped lessen effect of white mold and other diseases. Soybeans some areas may not fully size up due to lack of rain. Late second and third cuttings of hay looked good except for being short. Sugarbeets showing signs of stress and producers hoped for more rain to fill out crop. Overall, crop is looking very good and being handled with care. 

MONTANA: Days suitable for field work 7.0. Topsoil 80% very short, 19% short, 1% adequate, 0% surplus. Subsoil 72% very short, 27% short, 1% adequate, 0% surplus. Ninety-seven percent of the barley crop is harvested. Corn for silage 30% harvested, 1% very poor, 3% poor, 31% fair, 52% good, 13% excellent. Dry bean crop 72% harvested. Alfalfa hay 2nd cutting 96% harvested. Other hay 2nd cutting 72% harvested. Oat crop 94% harvested. Potatoes 0% very poor, 0% poor, 2% fair, 70% good, 28% excellent. Spring wheat 97% harvested. Sugar beets 1% very poor, 4% poor, 17% fair, 33% good, 45% excellent. Seeding of winter wheat 2% complete. Pasture, Range feeds 42% very poor, 35% poor, 19% fair, 4% good, 0% excellent. Twelve percent of cattle, 13% of sheep have been moved from summer ranges with 10% of cattle, 5% sheep receiving supplemental feeds.

MINNESOTA: Days suitable for fieldwork 6.8. Topsoil 57% very short, 35% short, 8% adequate, 0% surplus. Corn 48% cut for silage, 20% 2002, 27% avg. Soybeans 74% turning yellow, 61% 2002, 56% avg.; 4% mature, 1% 2002, 1% avg. Sweet corn 71% harvested for processing, 72% 2002, 79% avg. Potatoes 36% harvested, 22% 2002, 17% avg. Dry beans 25% harvested, 12% 2002, 21% avg. Pasture feed 39% very poor, 33% poor, 23% fair, 5% good, 0% excellent. Sugar beets 2% very poor, 7% poor, 31% fair, 48% good, 12% excellent. Dry Beans 10% very poor, 22% poor, 38% fair, 26% good, 4% excellent. Potatoes 3% very poor, 8% poor, 28% fair, 49% good, 12% excellent. Sunflowers 3% very poor, 6% poor, 42% fair, 44% good, 5% excellent. Corn, soybean crops are maturing very fast due to the dry hot weather. Large cracks, sink holes in the ground are occurring due to lack of soil moisture in some areas in the West Central district. Rain is still necessary to improve soil moisture in the fields for this year if not for next year. The statewide average temperature was 65.5 degrees, which is 3.2 degrees above normal.

MISSISSIPPI: Days suitable for fieldwork 4.9. Soil 4% very short, 13% short, 72% adequate, 11% surplus. Corn 96% mature, 98% 2002, 97% avg.; 65% harvested, 67% 2002, 72% avg.; 8% fair, 49% good, 43% excellent. Cotton 56% open bolls, 70% 2002, 80% avg.; 2% harvested, 3% 2002, 4% avg.; 3% very poor, 10% poor, 17% fair, 43% good, 27% excellent. Rice 70% mature, 81% 2002, 71% avg.; 32% harvested, 21% 2002, 25% avg.; 1% poor, 5% fair, 39% good, 55% excellent. Sorghum 94% mature, 96% 2002, 94% avg.; 52% harvested, 53% 2002, 64% avg. Soybeans 71% turning color, 64% 2002, 72% avg.; 52% shedding leaves, 48% 2002, 53% avg.; 33% harvested, 24% 2002, 21% avg.; 4% poor, 18% fair, 38% good, 40% excellent. Hay 89% harvested (warm season), 90% 2002, 87% avg. Sweetpotatoes 28% harvested, 11% 2002, 18% avg.; 11% poor, 29% fair, 25% good, 35% excellent. Cattle 2% poor, 17% fair, 70% good, 11% excellent. Pasteure 5% poor, 24% fair, 61% good, 10% excellent. The sweetpotato harvest is in full swing with good yields being reported thus far. Some fields are fighting excess vegetation due to the recent rain showers.

NEVADA: Afternoon thunderstorms were common across most of the State bringing widely varied amounts of precipitation. Las Vegas experienced another cloud burst early in the week bringing .52 inch of rain on Tuesday. Weekly precipitation totals were .09 inch in Elko, .08 inch in Ely,.01 inch in Reno, just a trace in Winnemucca. Temperatures continued to average a few degrees to several degrees above normal. Hail damaged a few alfalfa fields north central Nevada while third cutting was in full swing. Alfalfa condition generally good. Alfalfa seed harvest continued. Other hay harvest continued. Nearly all mint was moved from fields to distilling sites. Potato harvest was gaining momentum. Spring wheat, matting barley harvests were winding down. Onion harvest continued. Small grain, grass, native cover seed crop harvests continued. Herbicides were being applied to noxious, invasive weeds. Rains greened up some ranges, but some calves were still being weaned early in northern Humboldt County due to drought. Activities: Haying, grain harvest, potato harvest, onion harvest, alfalfa seed harvest, irrigating, weed control, insect control.

NEW ENGLAND: Days suitable for field work 5.8. Topsoil 1% very short, 17% short, 76% adequate, 6% surplus. Subsoil 0% very short, 21% short, 77% adequate, 2% surplus. Pasture feed 4% very poor, 13% poor, 28% fair, 48% good, 7% excellent. Maine Potatoes 5% harvested, 15% 2002, 10% avg.; condition good/excellent. Rhode Island Potatoes 55% harvested, 60% 2002, 50% avg.; condition good/excellent. Massachusetts Potatoes 35% harvested, 45% 2002, 50% avg.; condition good/fair. Maine Oats 40% harvested, 45% 2002, 60% avg.; condition good/fair. Maine Barley 60% harvested, 75% 2002, 75% avg.; condition good/fair. Field Corn 0% harvested, 10% 2002, 10% avg.; condition good/fair. Corn Seed 0% harvested. Hay 95% 2002, 96% avg.; 3rd area 40% harvested, 55% 2002, 50% avg.; condition good. Shade Tobacco 90% harvested, 99% 2002, 95% avg. Broadleaf Tobacco 90% harvested, 99% 2002, 95% avg. Sweet Corn 80% harvested, 85% 2002, 80% avg.; west-central, 37% southwest. Wet weather, muddy fields delayed corn harvest southeast. Soybeans turning color range from none south-central district, 16% northeast, southwest, southeast, to 47% northwest district. The improved moisture situation, cool weather slowed maturing of soybeans, cotton but reporters indicate the moisture will improve the pod-filling process of soybeans. Pastures 34% very poor, 34% poor, 22% fair, 9% good, 1% excellent as moisture, cool temperatures are helping regenerate growth. The northwest district shows the lowest pasture 23% poor and 70% very poor. Corn and wheat activity was limited by area from no rain northwest district to 3.52 southeast. A majority of counties in the northern third of State had no rain while most counties in the southern half of State received significant rain.
condition good. Apples 20% harvested, 25% 2002, 20% avg.; condition good/fair. Peaches 70% harvested, 85% 2002, 85% avg.; condition good/fair. Pears 15% harvested, 25% 2002, 25% avg.; condition good/fair. Massachusetts Cranberries: condition good. Highbush Blueberries: 95% harvested, 99% 2002, 95% avg. Maine Wild Blueberries: 100% harvested, 100% 2002, 99% avg. A mix of sun, rain was generally beneficial to state crops last week, though some areas reported too much rain, others reported too little. Cool, fall-like temperatures continued throughout the week, discouraging insect activity and disease. Activities: Cutting haylage, making dry hay; harvesting broadleaf tobacco, shade tobacco, potatoes, small grains, apples, peaches, highbush blueberries, vegetables; completing Maine wild blueberry harvest; desiccating potato vines; spreading manure; irrigating; mowing; pruning; cultivating; monitoring fields; preparing harvest equipment; applying insecticides, fungicides; performing general farm maintenance.

NEW JERSEY: Days suitable for field work were 4.5. Top soil 85% adequate, 15% surplus. Temperatures were variable across the state with measurable amounts of rainfall received during the week. Activities: Harvesting fruit, vegetables, re-seeding pasture, hay fields, harvesting corn silage, applying pesticides, herbicides sprays. Wet weather conditions continued to hinder hay harvest activities in many localities. Some tomato fields had late blight infestation, cracked fruit. Worm pressure was high in some cabbage fields in southern portions of the state. Tuber discoloration, stem end rot was reported in some potato fields. Planting of fall lettuce continued in southern localities. Peaches harvest continued in the south with the crop condition rated mostly good. Available pasture forage supplies continued to be plentiful in most localities.

NEW MEXICO: Days suitable for fieldwork 6.3. Topsoil 60% very short, 20% short, 20% adequate. Late-summer weather prevailed with temperatures close to normal at most locations, scattered showers, thunderstorms each day. Rainfall favored the northern mountains as Red River collected over 2.5 inches, Chama, Las Vegas both measured over an inch. Roswell, Animas were the only locations that did not measure any rainfall at all. Farmers spent the week cutting hay, corn for silage, planting wheat, harvesting green chile. Alfalfa 4th cutting of was completed this week with the 5th cutting moving along with 75% cut, the 6th cutting at 8% cut. Alfalfa condition remains in mostly fair to good condition. Corn conditions showed improvement, with 6% poor, 45% fair, 19% good, 30% excellent. Corn progress 72% denting, 38% of the crop matured. Corn harvested for silage was 55%, still ahead of the five year average. Cotton 7% very poor, 15% poor, 45% fair, 19% good, 30% very good, 5% excellent. Hay harvest; potatoes harvested 50%, 49% 2002, 59% avg. Processng tomatoes harvested 23%, 44% 2002, 47% avg. Soybean and Canola were 10% very poor, 25% poor, 45% fair, 15% good, 30% excellent. Cotton conditions 3% very poor, 7% poor, 25% fair, 49% good, 16% excellent. Lots of rain over the holiday weekend greatly reduced field activities last week. Several reported almost five inches of rain from Monday to Tuesday, with one reporting almost 10 inches in parts of Darke county. In dry spots, hay was baled, silage was chopped, fields were prepared for wheat planting. Farmers applied fungicides to sugar beet plants to prevent stem blight, solarization was used to reduce weed growth. Fruit growers harvested peaches, grapes. Vegetable producers harvested sweet corn, tomatoes, squash, peppers, garlic.

OKLAHOMA: Days suitable for fieldwork 4.3 Topsoil 10% very short, 21% short, 66% adequate, 3% surplus. Subsoil 19% very short, 38% short, 43% adequate. Wheat 67% seedbed prepared, 52% last week, 77% 2002, 62% avg.; condition good, 52% last week, 17% 2002, 8% avg. Oats 48% seedbed prepared, 40% last week, 67% 2002, 58% avg. Corn 3% poor, 17% fair, 34% good, 46% excellent; 59% mature, 47% last week, 73% 2002, 64% avg.; condition good, 32% last week, 44% last year, 36% avg. Soybeans 9% very poor, 19% poor, 40% fair, 30% good, 2% excellent; 94% blooming, 93% last week, 96% 2002, 93% avg.; 89% setting pods, 82% last week, 93% 2002, 85% avg.; condition good, 18% last week, 35% 2002, 33% avg.; 8% harvested, 5% last week, 15% 2002, 12% avg. Peanuts 55% mature, 37% last week, 39% 2002, 24% avg. Cotton 99% setting bolls, 95% last week, 99% last year. 100% avg; Alalfa Hay 4% very poor, 16% poor, 45% fair, 30% good, 4% excellent; 63% 4th cutting, 51% last week, 78% 2002, 58% avg.; 2% 5th cutting, n/a last week, 12% 2002, 9% avg. Other Hay 7% very poor, 22% poor, 41% fair, 27% good, 3% excellent; 71% 2nd cutting, 68% last week, 81% 2002, 57% avg. Livestock 4% poor, 32% fair, 48% good, 16% excellent; Pasteure Style 8% very poor, 26% poor, 39% fair, 26% good, 1% excellent; Livestock conditions were rated mostly fair to good. Livestock insect activities were rated as light to moderate. Cattle auctions remained at record-high prices. The price for feeder steers over 800 pounds increased from last week by one dollar, sixty-seven cents per cwt. averaged $101.33 per cwt. The average price for feeder heifers less than 12 months of age was $90.33 per cwt.
Oregon: Days suitable for fieldwork 6.7. Topsoil 35% very short, 51% short, 14% adequate. Subsoil 40% very short, 45% short, 15% adequate. Barley harvested 96%, 96% previous week, 94% 2002, 84% 5-yr avg. Spring wheat harvested 98%, 95% previous week, 100% 2002, 96% 5-yr avg. Range, Pasture 9% very poor, 27% poor, 44% fair, 19% good, 1% excellent. Activities: Hot, dry conditions continued statewide during first part of week, while weekend brought clouds, wind, rain in many areas. Willamette Valley, especially coastal areas received significant rainfall by late Sunday. Cooler marine air felt far inland. Eastern Oregon experienced lower temperatures, some thunderstorms, late Sunday; rainfall measurements in several counties. Temperatures in southwest state reached as high as 103° earlier in week. Booth, Bear Butte fires merged together late in week; altogether, they have consumed over 90,000 acres, stand at 50 percent contained. Another fire, much smaller, reported in Umatilla County; its cause is believed to be lightening. Small grain harvest nearly completed, third cutting of alfalfa continued statewide. Fall field preparations underway after some precipitation in recent days this week. Winter wheat harvesting in Baker, Union counties, continues in Klamath & Marion counties. Grass seed has been harvested, hop harvest in full swing in Marion County. Red clover seed harvest winding down in Marion, Washington counties. New seedings of grass being planted in Washington County. Garlic harvest wrapping up in Deschutes County; potato harvest still had not started in Morrow County. In Willamette Valley, sweet corn harvest on schedule, green bean harvest completed 96%, 96% previous week, 94% 2002, some yellow with some non-irrigated fields showing stress. There plenty of vegetables available at farmers markets, roadside stands. Bartlett pear harvest winding down in Parkdale, d’Anjou pear harvest just beginning in Hood River. Southern state pear harvest in full swing. Willamette Valley plums for prunes, pears, apples picked. Apple cider available at roadside stands in Washington County. Peaches, pears, apples continued to be harvested in The Dalles, Mosier area. Wine grape harvest is expected to begin in next few weeks. Dry conditions continued last week, pasture land across State is very dry. Fires still burning in eastern state. threat of fire remained high. Cattle movement continued in Lake, Baker and Union counties. Pasture land in western state dry, but cattle in good condition where supplemental feed available. Main nursery activity continued to be irrigation, along with getting ready for fall marketing season. Greenhouses busy with fall vegetables, flower starts. In Curry County, Easter lily growers sampling bulbs in field for bulb size, number of daughter scales, sprouts, root vigor.

Pennsylvania: Days suitable for field work 2.0. Soil 2% short, 64% adequate, 34% surplus. Fall plowing 14% complete, 18%, 2002, 22% avg. Corn dough 70% complete, 89% 2002, 84% avg.; dent 39% complete, 68% 2002, 56% avg.; mature 5% complete, 28% 2002, 16% avg.; silage harvested 9% complete, 52% 2002, 27% avg.; 2% very poor, 7% poor, 18% fair, 46% good, 27% excellent. Winter wheat planted 7% complete, 10% 2002, 5% avg. Soybean crop 1% very poor, 5% poor, 19% fair, 57% good, 18% excellent. Tobacco harvested 45% complete, 71% 2002, 61% avg. Potatoes harvested 31% complete, 41% 2002, 35% avg. Alfalfa 2nd cutting 94% complete, 96% 2002, 98% avg.; 3rd cutting 65% complete, 81% 2002, 78% avg.; 4th cutting 20% complete, 48% 2002, 39% avg. Timothy clover 2nd cutting 73% complete, 79% 2002, 80% avg. Peaches harvested 93% complete, 96% 2002, 94% avg. Apple crop condition 2% poor, 8% fair, 81% good, 9% excellent. Apples harvested 32% complete, 57% 2002, 30% avg. Grapes harvested 34% complete, 9% 2002, 7% avg. Quality of hay made 16% very poor, 20% poor, 43% fair, 15% good, 6% excellent. Pasture feeds 1% very poor, 4% poor, 21% fair, 52% good, 22% excellent. Activities: Cutting, bailing hay; harvesting, canning fruits, vegetables; harvesting tobacco; caring for livestock; storing seeds; repairing machinery, attending fairs.

South Carolina: Days suitable for field work 5.3 . Soil 6% short, 67% adequate, 27% surplus. Corn 99% matured, 100% 2002, 99% avg.; 56% harvested, 85% 2002, 72% avg.; 2% poor, 15% fair, 56% good, 27% excellent. Soybeans 97% bloomed, 97% 2002, 96% avg.; 77% pods set, 77% 2002, 76% avg.; 14% turning color, 18% 2002, 15% avg.; 1% leaves dropped, 6% 2002, 5% avg.; 8% poor, 17% fair, 61% good, 16% excellent. Sorghum 95% headed, 99% 2002, 98% avg.; 91% turned color, 93% 2002, 89% avg.; 60% matured, 63% 2002, 59% avg.; 23% harvested, 29% 2002, 32% avg.; 20% fair, 63% good, 17% excellent.

Tennessee: Days suitable for fieldwork 4.0. Topsoil 6% short, 81% adequate, 13% surplus. Subsoil 7% short, 86% adequate, 7% surplus. Pastures 2% poor, 15% fair, 63% good, 20% excellent. Tobacco 95% topped, 94% 2002, 95% avg.; 3% very poor, 5% poor, 30% fair, 50% good, 12% excellent. Burley 53% harvested, 53% 2002, 60% avg. Dark-air cured 71% harvest, 68% 2002, 72% avg. Dark-fired cured 53% harvest, 60% 2002, 68% avg. The State experienced scattered thunderstorms early last week hampering most field activities. Mostly limited to the end of the week, some producers were able to top, harvest tobacco, cut hay

Texas: Agricultural Summary: Rain fell along the Upper Coast, Coastal Bend. South state with only a few showers in other areas. The Plains, West state were particularly dry during the week, but storms had developed by late weekend. Across the state, temperatures were noticeably cooler as high, low temperatures dropped a few degrees. In the coastal regions, South state, harvest activities were slowed as preventative field preparations were made. Few fields were irrigated. The Grande Valley also lost some days for field work due to rainfall. As a whole, insect pressure was light. Irrigation activities in the Plains were finished on many crops as recent rainfall provided enough moisture for many fields to complete development. Pasture, field conditions improved to varying degrees in many areas. Many producers in North Central, East state were planning on a third cutting of hay. Supplemental feeding was easing in many areas as pastures improved. Small Grains: In the Plains, many producers took advantage of the recent brief period of moisture, proceeded with planting wheat and oats. Some producers were holding out for improved conditions. Statewide field preparations, planting made progress. Corn: Harvest of grain started in the Plains, harvest of silage was wrapping up. In other areas, harvest activities were nearing completion. Cotton 54% of normal, compared with 60% 2002. Cotton: In the Plains, most cotton had reached the cut-out stage, more acreage had been opened. Irrigated fields were looking good, producers not expecting fields to require more water. Some dryland acreage benefited from recent rains, but for many fields, rain arrived too late to do much good. In other areas, harvest was in full swing where rain had not caused delays. Harvest was mostly complete along coastal areas, the Lower Valley. Cotton 52% of normal compared with 65% 2002. Sorghum: Sorghum was in varying stages of maturity across the Plains with some dryland fields in the boot stage, some field ready for harvesting. Irrigated sorghum appeared favorable, but dryland fields continued to look very poor. Harvest had started in some areas of the Plains. Harvest in North
Central state was nearing completion. Sorghum 57% of normal compared with 57% of 2002. Peanuts: Most fields were looking good. During the week several producers were able to see favorable results in plant growth, maturity after the previous week’s rain. Some fields should be ready for harvest soon. Irrigation was active in only a few areas. Peanut 86% of normal compared with 82% of 2002. Rice: Rice harvest was slowed by wet conditions, but was close to nearing completion. Rice 87% of normal, compared with 93% of 2002. Soybeans: Harvest continued in north central, southern areas. Fields planted later in the season were at various stages of maturity, condition. Commercial Vegetables, Fruit, Pecans: In the Rio Grande Valley, land preparation continued for fall crops as weather conditions allowed. In the San Antonio-Winter Garden, harvest of remaining vegetables was completed. Some producers were preparing fields for spinach, onions, carrots, cabbages. In East state, sweet potato harvest was gaining momentum where conditions allowed. Some producers were delayed in harvesting in hopes of getting larger sized potatoes. In the High Plains, pumpkins were progressing well. Harvest was expected to begin in the next week or two, the yield outlook was favorable. Watermelon harvest continued, yields were reported to be fair to good. Pecans: In West state, trees were in the filling stage. In parts of North Central state, trees were loaded with nuts, a large crop was expected. Statewide, the crop was reported as favorable, especially in areas where adequate moisture had been received. Range, Livestock: Supplementation feeding continued during the week but at lower levels than previously seen this summer. Stock tank water levels were good in many areas, though levels were still low in areas of the Plains, North Central state. Cooler temperatures, rainfall during the week brought noticeable improvement to range, pasture land in many areas. In some areas of Central state, producers were fertilizing pastureland. Livestock condition was reported as good for the most part.

UTAH: Days suitable for fieldwork 6.7. Topsoil 18% very short, 38% short, 44% adequate, 0% surplus. Subsoil 24% very short, 39% short, 47% adequate, 0% surplus. Irrigation Water Supplies 45% very short, 38% short, 17% adequate, 0% surplus. Oat harvest (grain) 84%, 81% 2002, 100% 2002. Apples 7% poor, 29% fair, 57% good, 7% excellent. The highest temperature in the state was 102° F.

WISCONSIN: Days suitable for fieldwork for the week 6.9. Topsoil 68% very short, 25% short, 7% adequate, 0% surplus Dry conditions setting pods, 89% 2002, 86% 5-yr avg.; 2% dropping leaves, 13% 2002, 6% 5-yr avg. Barley 1% seeded, 3% 2002, 1% 5-yr avg. Flue Tobacco 7% very poor, 20% poor, 45% fair, 24% good, 4% excellent; 48% harvested, 37% 2002, 45% 5-yr avg. Burley Tobacco 3% very poor, 17% poor, 37% fair, 36% good, 7% excellent; 31% harvested, 48% 2002, 51% 5-yr avg. Dark Fire Tobacco 4% very poor, 14% poor, 35% fair, 37% good, 10% excellent; 59% harvested, 72% 2002, 72% 5-yr avg. Sun Tobacco 67% harvested, 84% 2002, 68% 5-yr avg. Peanuts 7% poor, 13% fair, 54% good, 26% excellent. Cotton 8% poor, 22% fair, 47% good, 23% excellent; 25% bolls opening, 46% 2002, 55% 5-yr avg. Apples 20% poor, 37% fair, 30% good, 13% excellent. Fall Apples 28% harvested, 33% 2002, 13% 5-yr avg. Grapes 8% poor, 15% fair, 82% good, 1% excellent. The state received quite a bit of rain during the week. Temperatures were right around normal for this time of the year as cooler conditions crept into the state. There were reports of hay fields heavy in weeds. Corn silage harvest was slowed in many parts of the state due to the rainfall. Strawberry growers were readying transplants for planting under plastic in their raised beds. Several farmers began preparations for small grain planting such as land prep, lime spreading. Activities: Field sales of cattle, fall calving, harvesting corn for grain, silage, getting combines ready for corn harvest, spreading fertilizers, making hay, stockpiling fescue, scouting fields for pests.

WASHINGTON: Days suitable for fieldwork averaged 6.9. Topsoil 37% very short, 38% short, 25% adequate. Subsoil 19% very short, 29% short, 52% adequate. Irrigation water supplies 9% very short, 11% short, 80% adequate. The highest temperature in the state was 102° F. In the Central state, the apple, picking fruit, tilling fields, tending to livestock. High temperatures continued to take a toll on range, pastures. Shellfish growers continued weed control efforts in preparation for major harvests next month. In central state, the apple, pear harvest was well underway. Gala apples were nearly completely harvested in Grant County while early Golden Delicious apples, Bartlett pears were getting started. Vegetable seeds, lima beans, sweet corn, onions were also being harvested in the region. Giadiola, dahlias growers in the West had 41% harvested, 77% 2002, 25% 5-yr avg.; 4% excellent; 36% good, 1% very poor, 6% fair, 41% 2002. High flower market was maintained. Greenhouse tomato growers reported that yield on some varieties had peaked in response to the shorter days. Cranberry growers continued irrigation, prepared for the upcoming harvest. Organic growers continued to report excellent sales of potatoes, cabbages, carrots, sweet corn.

VIRGINIA: Days suitable for fieldwork 3.9. Topsoil 5% short, 73% adequate, 22% surplus. Subsoil 3% short, 75% adequate, 22% surplus. Pasture 2% poor, 12% fair, 53% good, 33% excellent. Livestock 1% poor, 7% fair, 66% good, 26% excellent. Other Hay 3% poor, 23% fair, 55% good, 19% excellent. Alfalfa Hay 2% very poor, 7% poor, 18% fair, 54% good, 19% excellent. Corn for Grain 2% very poor, 12% poor, 18% fair, 46% good, 22% excellent; 87% dough, 99% 2002, 91% 5-yr avg.; 73% dent, 91% 2002, 77% 5-yr avg.; 42% mature, 74% 2002, 55% 5-yr avg.; 10% harvested, 25% 2002, 16% 5-yr avg.; Silage 43% harvested, 59% 2002, 41% 5-yr avg. Soybeans 2% very poor, 8% poor, 21% fair, 50% good, 21% excellent; 96% blooming, 99% 2002, 97% 5-yr avg.; 82%
continue to plague state farm country. Temperatures were near normal for the week, but farmers cannot find a rainstorm to help the dry crops. The warm weather has raised growing degree days above normal in most locations, but crops are showing stress across much of the state. The Green Bay area has received their normal rainfall this year, but for most of the state, year-to-date precipitation levels are ranging from 6 to 11.5 inches behind normal. Field crops were struggling to maintain condition in the dry weather. Pastures have been dried up in most areas, are mostly dormant. Pasture feed 58% very poor, 25% poor, 13% fair, 4% good, 0% excellent. Livestock on pasture have been receiving supplemental feed in most areas of the state.

**WYOMING:** Days suitable for field work 6.2. Topsoil 28% very short, 51% short, 21% adequate. Subsoil 28% very short, 52% short, 20% adequate. Winter wheat 56% planted, 48% 2002, 44% 5-yr avg.; 5% emerged, 3% 2002, 13% 5-yr avg. Barley 96% harvested, 89% 2002, 88% 5-yr avg. Oats 85% harvested, 76% 2002, 78% 5-yr avg. Spring wheat 90% harvested, 88% 2002, 90% 5-yr avg. Sugarbeets 3% poor, 15% fair, 69% good, 13% excellent. Corn dough 81%, 80% 2002, 90% 5-yr avg.; 66% dented, 34% 2002, 55% 5-yr avg.; 40% mature, 12% 2002, 10% 5-yr avg, 22% harvested for silage, 21% 2002, 20% 5-yr avg.; 1% poor, 15% fair, 69% good, 15% excellent. Dry beans leaves 93% turning color, 87% 2002, 95% 5-yr avg. Dry beans windrowed, 2002 33%, 5-year average 48%. Dry beans combined 18%, 2002 10%, 5-year average 16%. Dry beans 3% poor, 18% fair, 70% good, 9% excellent. Alfalfa 2nd cutting harvested 95%, 2002 84%, 89% 5-yr avg.; 3rd cutting harvested 19%, 2002 16%, 26% 5-yr avg. Range, pasture feed 15% very poor, 27% poor, 42% fair, 16% good. Stock water supplies 25% very short, 35% short, 40% adequate. Temperatures closer to normal. The highest temperature of 93° in Greybull and Sheridan and lowest temperature of 36° in Laramie. Precipitation was mixed with almost all stations reporting some moisture, about half below normal. The most precipitation fell in Archer with 1.02 inch, Torrington with 0.90 inch, Rock Springs with 0.68 inch.