ALABAMA: Days suitable for fieldwork 7.0. Topsoil moisture 9% very short, 35% short, 55% adequate, 1% surplus. Corn 81% harvested, 86% 2007, 83% avg. Soybean condition 7% very poor, 16% poor, 36% fair, 36% good, 5% excellent; 67% dropping leaves, 79% 2007, 72% avg.; 14% harvested, 23% 2007, 19% avg. Livestock condition 0% very poor, 12% poor, 48% fair, 37% good, 3% excellent. Pasture and range condition 3% very poor, 18% poor, 32% fair, 40% good, 7% excellent. Warm temperatures, winds, and little to no rain depleted the soil moisture in many locations during the past week. Producers spent the week applying defoliants to cotton, and harvesting corn, cotton, peanuts, and soybeans. Average temperatures during the past week varied from eight degrees below normal and three degrees above normal. An extremely dry week across the state allowed harvest to move forward at a rapid pace. Pasture and range conditions declined slightly following a week of no rainfall. The state’s livestock condition remained unchanged during the past week, with most animals reported in fair to excellent condition.

ALASKA: Days suitable for fieldwork 5.0. Topsoil moisture 100% adequate. Subsoil moisture 10% short, 90% adequate. Barley 90% harvested. Oats 35% harvested. Potatoes 75% harvested. Second cutting hay was reported as 85% complete with most farms not getting a second cutting this year. Hay quality may also be an issue due to the wet summer. Winter supplies of hay were 45% short, 55% adequate statewide. Wind or rain damage to crops 90% none, 5% light, 5% severe. The main farm activities for the week were harvesting small grains, potatoes, hay and vegetables, baling straw and general maintenance.

ARIZONA: Temperatures were above normal across the State for the week ending September 28. Precipitation was reported at 7 of the 22 reporting stations. Ninety-nine percent of the State's acreage for late-season soybeans was in mostly fair to good condition. Producers were spraying for army worms as they continued to plague forage crops. Some farmers were still harvesting hay as the season was drawing to a close. Pasture and range and hay crops were in mostly fair to good condition.

CALIFORNIA: Some wheat fields were being cultivated, prepared for fall planting. Alfalfa growers were still harvesting, windrowing, raking, baling for the production of alfalfa hay. Alfalfa seed fields were being harvested. Sudan grass was being harvested for dry-land, irrigated. Rice harvest continued; growers were defoliating the fields. Cotton growers were setting bolls; bolls were opening on the lower part of the plant. Cotton defoliation began; growers continued to look for aphid, mite, lygus. Fall sugar beet harvest continued to wind down. Safflower harvest advanced. Fields of corn for grain and silage were harvested. Grape growers continued their harvest. Thompson, Flame and Crimson Seedless, Autumn Royal, Christmas Rose, Kyoho, Princess, Red Globe, and Summer Royal table grapes were being picked. Wine and juice grape varieties picked were Alicante Bouchet, Barbera, Cabernet Sauvignon, Carmelina, Carignane, Chenin Blanc, French Colombard, Grenache, Merlot, Muscat, and Zinfandel. In Fresno County the harvest of raisin grapes was 100 percent complete, with 30 percent on open trays, 27 percent rolled, 43 percent boxed. The harvest of early pomegranate varieties was on the rise. Later varieties continued to size and mature. Autumn Flame, Carnival, Fairtime, Full Moon, Last Tango, September Flame, September Sun, September Snow, Snow Magic, and Sweet September peaches; Angelina, Betty Ann, Kelsey, and September Yummy plums; Black Pearl, Flavor Fall, and Flavor Treat plouts; Autumn Flare, Arctic Mist, Arctic Snow, and September Red nectarines were also being harvested and packed. Gala, Granny Smith, Golden, and Red Delicious apples, Brown Turkey and Mission figs, Asian pears were being harvested. Jujube harvest began. Navel oranges were developing in size. Growers were preparing for gibberelin treatments. Valencia harvest remained slow. Lemons were being harvested. Olive harvest began; growers reported a lighter than normal crop. Almond, walnut orchards continued to be harvested. Some walnut growers were reporting heavy yields. Pistachios were also being harvested in parts of the State. Harvest was expected to begin soon in Tulare County. Farmers’ market vegetables grew well across the state. In Tulare County, harvests of eggplant, squash, peppers, okra, cucumbers, tomatoes continued with good quality. Cauliflower, broccoli harvests began; planted spinach surfaced and grew well. Cauliflower, broccoli in Stanislaus County also showed good progress. In Fresno County, garlic and onions were nearing completion, while the harvests of bell peppers, carrots, processing tomatoes continued. On Fresno’s Westside, fall broccoli was planted, fall lettuce was thinned, fall asparagus harvest carried on. Farmers market crops continued harvest, including amaranth, basil, bean varieties, bittermelon, collard and mustard greens, cilantro, cucumbers, daikon, dill, dill pickles, eggplant, gailon, gallo, kohlrabi, leaf lettuce, leeks, lemongrass, kale, mint, moqua, onion varieties, ona choy, ovo, parsley, chili peppers, radishes, sinaqua, spinach, summer and winter squashes, sweet corn, swiss chard, tong ho, yam leaf, as well as many varieties of herbs. Fields were weeded, irrigated, fertilized, treated for insects and mites. Watermelon, cantaloupe, mixed melon, honeydew harvests continued slowly. Pumpkin plants showed good signs of growth and fruit sizing. Organic basil, parsley were finished. Sutter County expanded produce planting to include carrots, broccolini, cauliflower, spring mix, head and romaine lettuce. Merced County experienced continuing harvests of fresh market and processing tomatoes, watermelon, bell peppers, cantaloupe, honeydew. Cattle, sheep producers continued to contend with very poor feed and water conditions on dry-land pasture and rangeland. Cattle on dry pasture and rangeland were receiving supplements of hay and other nutrients at all elevations. Herds were
reduced due to the dry conditions and concerns regarding the upcoming winter pasture season. Movement of cattle to lower elevations for over-wintering continued. Irrigated pastures were in good condition. Fall beef cow calving continued. Cooler weather was a positive for poultry and milk production. Sheep were grazing on harvested grain train and alfalfa fields, and forage in idle farmland. Honeybees continued to pollinate melons in the central area and sunflower and vineseed crops in the north.

COLORADO: Days suitable for fieldwork 6. Topsoil moisture 7% very short, 26% short, 30% adequate, 35% surplus. Subsoil moisture ranged from adequate to short, 12% very short, 73% short, 15% adequate, 0% surplus. Hay supplies 1% very short, 32% short, 49% adequate, 18% surplus. Other Hay 3rd cutting 8%, 37% 2007, 92% avg.; 4th cutting 3%, 0% 2007, 21% avg. Alfalfa hay 4th cutting 58%, 53% 2007, 60% avg.; 5th cutting 0%, 11% 2007, 4% avg. Pasture condition 23% very poor, 39% poor, 34% fair, 3% good, 1% excellent. Corn condition 7% very poor, 21% poor, 46% fair, 17% good, 9% excellent; 95% Mature, 95% 2007, 96% avg.; 43% harvested for grain, 51% 2007, 49% avg.; 75% harvested for silage, 4% 2007, 70% avg. Soybean condition 13% very poor, 29% poor, 47% fair, 8% good, 3% excellent; turning color 71%, 71% 2007, 66% avg.; 41% dropping leaves, 41% 2007, 43% avg.; 5% harvested, 2% 2007, 3% avg. Hay 16% 2007, 12% 2007, 39% avg.; Lima Beans 66% cut, 72% 2007, 83% avg.; 36% harvested, 49% 2007, 53% avg.; condition 2% very poor, 2% poor, 28% fair, 53% good 15% excellent. Fall wheat 95% harvested, 100% 2007, 99% avg. Alfalfa 85% 3rd cutting, 89% 2007, 86% avg.; 17% 4th cutting, 21% 2007, 26% avg.; condition lower 1% very poor, 8% poor, 34% fair, 40% good, 17% excellent. Corn silage 71% harvested, 88% 2007. 82% avg. Precipitation was extremely scarce across Colorado last week. Most areas did not receive any measurable amounts of rainfall. Temperatures were well above normal for this time of year.

DELAWARE: Days suitable for fieldwork 4.7. Topsoil moisture 3% very short, 16% short, 84% adequate, 3% surplus. Subsoil moisture ranged from adequate to short, 12% very short, 73% short, 15% adequate, 0% surplus. Hay supplies 1% very short, 32% short, 49% adequate, 18% surplus. Other Hay 3rd cutting 8%, 77% 2007, 92% avg.; 4th cutting 3%, 0% 2007, 21% avg. Alfalfa hay 4th cutting 58%, 53% 2007, 60% avg.; 5th cutting 0%, 11% 2007, 4% avg. Pasture condition 23% very poor, 39% poor, 34% fair, 3% good, 1% excellent. Corn condition 7% very poor, 21% poor, 46% fair, 17% good, 9% excellent; 95% Mature, 95% 2007, 96% avg.; 43% harvested for grain, 51% 2007, 49% avg.; 75% harvested for silage, 4% 2007, 70% avg. Soybean condition 13% very poor, 29% poor, 47% fair, 8% good, 3% excellent; turning color 71%, 71% 2007, 66% avg.; 41% dropping leaves, 41% 2007, 43% avg.; 5% harvested, 2% 2007, 3% avg. Hay 16% 2007, 12% 2007, 39% avg.; Lima Beans 66% cut, 72% 2007, 83% avg.; 36% harvested, 49% 2007, 53% avg.; condition 2% very poor, 2% poor, 28% fair, 53% good 15% excellent. Fall wheat 95% harvested, 100% 2007, 99% avg. Alfalfa 85% 3rd cutting, 89% 2007, 86% avg.; 17% 4th cutting, 21% 2007, 26% avg.; condition lower 1% very poor, 8% poor, 34% fair, 40% good, 17% excellent. Corn silage 71% harvested, 88% 2007. 82% avg. Precipitation was extremely scarce across Colorado last week. Most areas did not receive any measurable amounts of rainfall. Temperatures were well above normal for this time of year.

HAWAII: Days suitable for fieldwork 6. Soil moisture increased in most areas due to enhanced shower activity. Overall, moisture ranged from adequate to short. Banana orchards, grown mostly in windward areas of the islands, received beneficial showers during the week and made good to fair progress. Papaya orchards were in fair to good condition as showers benefited all orchards in the State. Irrigated head cabbage fields were in good condition while non-irrigated fields showed slow progress. Maui’s dry onion crop made steady progress and was in fair condition. The upcoming ginger root crop benefited from this week’s showers, but overall growth was hampered by the drier than normal so far this year. Plantings of Halloween pumpkins made fair to good progress. Harvesting is expected to start next week. Trade wind weather prevailed during the week. Shower activity was enhanced early in the week and made good to fair progress. Weeds were reported in pastures and hayfields. Other activities included growers preparing for harvest, digging peanuts, cutting and baling hay. County Extension Agents reported an average of 6.6 days suitable for fieldwork.

IDAHO: Days suitable for fieldwork 6.6. Topsoil moisture 23% very short, 33% short, 44% adequate. 0% surplus. Field corn harvested for silage 39%, 78% 2007, 76% avg. Onions 76% harvested, 85% 2007, 71% avg. Potato vines killed 94%, 99% 2007, 98% avg.; 26% harvested, 41% 2007, 32% avg.; condition 0% very poor, 1% poor, 19% fair, 74% good, 6% excellent. Oats harvested for grain 95%, 100% 2007, 97% avg. Dry beans 75% harvested, 88% 2007, 84% avg. Peaches 95% harvested, 100% 2007, 100% avg. Alfalfa hay 3rd cutting harvested 88%, 94% 2007, 93% avg.; 4th cutting harvested 46%, 71% 2007, 68% avg. Irrigation water supply 0% very poor, 8% poor, 31% fair, 56% good, 5% excellent. Barley harvest is essentially complete at 96%. Most the barley fields left to be harvested are in Eastern Idaho. Peaches and oats for grain harvest also are mostly complete. Field corn for grain is well behind normal at 39% harvested, compared to 76% harvested for the five-average. The potato harvest is in full swing this week. The Power County extension educator reported excellent harvest weather for the week and the dryland areas are really in need of moisture. Caribou County reported that cattle are mostly on the range with some operators preparing to round them up.

ILLINOIS: Days suitable for fieldwork 6.3. Topsoil moisture 2% very short, 6% short, 82% adequate, 10% surplus. Corn 52% mature, 98% 2007, 92% avg.; 4% harvested, 56% 2007, 32% avg. Soybeans turning yellow 83%, 99% 2007, 95% avg.; 57% shedding leaves, 94% 2007, 98% avg. Oats 99% 2007, 100% avg. Winter wheat 4% very poor, 12% 2007, 7% avg. Warm temperatures this past week helped increase crop maturity, and also allowed producers to crop harvest underway. Some producers are choosing to wait a week to harvest corn, in order to allow the crop to dry down more. The average temperature was 76 °F degrees above normal. The average weekly precipitation was 0.72 inch below normal.

INDIANA: Days suitable for fieldwork 6.9. Topsoil moisture 14% very short, slow due to nighttime temperatures in 50s. Cattle condition fair to excellent, most good. Central pasture condition very poor to excellent, most fair to good. Some pasture condition very poor due to flooding from rain of previous week, TS Fay. Some looper damage of pasture. Cattle condition fair to good. Southwest pasture condition very poor to excellent, most fair. Statewide cattle condition poor to excellent, most good.
short, 36% short, 48% adequate, 2% surplus. Subsoil moisture 12% very short, 32% short, 54% adequate, 2% surplus. Corn 94% denting, 100% 2007, 99% avg.; 57% mature, 85% 2007, 76% avg.; 8% harvested, 28% 2007, 16% avg.; condition 5% very poor, 13% poor, 30% fair, 40% good, 12% excellent. Soybeans shedding leaves 80%, 87% 2007, 82% avg.; condition 4% very poor, 11% poor, 29% fair, 36% short, 30% adequate, 14% good, 4% excellent. Leaves 7% very poor, 12% poor, 33% fair, 37% good, 11% excellent. Winter Wheat 5% planted, 10% 2007, 8% avg. Tobacco 79% harvested, 77% 2007, 79% avg. Pasture condition 12% very poor, 25% poor, 35% fair, 25% good, 3% excellent. Livestock remain in mostly good condition with some producers beginning to feed hay due to deteriorating pastures. Average temperatures ranged from 2o to 3o above normal, with a high of 90o and a low of 43o. Precipitation averaged from 0.00 inches to 0.04 inches. Near perfect weather and field conditions allowed several early maturing corn and soybean fields to be harvested during the week. Many fields of corn and some soybeans were damaged by the strong winds from IKE and are having to make tough decisions whether to harvest these fields early with high moisture levels. Fall tillage, baling of hay and seeding of winter wheat also made good progress last week.

**IOWA:** Days suitable for fieldwork 5.4. Topsoil moisture 4% very short, 12% short, 79% adequate, 5% surplus. Subsoil moisture 5% very short, 16% short, 74% adequate, 5% surplus. Corn 93% dent or beyond, 99% avg.; 45% mature, 85% avg.; condition 2% very poor, 9% poor, 27% fair, 47% good, 15% excellent. Soybeans turning color 93%, 98% avg.; dropping leaves 70%, 90% avg.; harvest 8% complete, 25% avg.; condition 3% very poor, 8% poor, 29% fair, 47% good, 13% excellent. Third cutting of alfalfa is 90% complete, average 99%. Pasture condition 3% very poor, 2% poor, 7% fair, 57% good, 2% excellent. Corn and soybeans quickly progressed toward maturity, as a high moisture test. Silage harvest is complete in most areas, but seed corn harvest and hay baling continued.

**KANSAS:** Days suitable for field work 6.3. Topsoil moisture 6% very short, 13% short, 78% adequate, 3% surplus. Subsoil moisture 7% very short, 12% short, 77% adequate, 4% surplus. Sunflowers 86% ray flowered, 8% short, 9% very short, 70% bracts exit, 7% 2007, 78% avg.; 10% mature, 33% 2007, 37% avg.; condition 5% poor, 25% fair, 63% good, 7% excellent. Fourth cutting of alfalfa is 73% complete, 77% 2007, 77% avg. Feed grain supplies 3% very short, 9% short, 86% adequate, 2% surplus. Hay and forage supplies 1% very short, 8% short, 81% adequate, 10% surplus. Stock water supplies are 1% very short, 5% short, 82% adequate, 2% surplus. Early season wheat activity involved cutting hay, corn, soybean, and sorghum harvesting, and planting wheat.

**KENTUCKY:** Days suitable for field hay 6.6. Topsoil moisture 65% very short, 28% short, 7% adequate. Subsoil moisture 60% very short, 31% short, 9% adequate. Farm activities last week included harvesting corn, cutting hay and planting tobacco, sugarcane and alfalfa. Sorghum 91% last year, 89% average. Dark tobacco 84% cut, 95% last year. Tobacco 2% stripped, 11% ready to strip, 87% not ready. Tobacco housed condition 2% very poor, 7% poor, 32% fair, 48% good, 11% excellent. Winter wheat 4% seeded, 4% last year, 3% average. Pasture condition 42% very poor, 35% poor, 17% fair, and 6% good.

**LOUISIANA:** 99% harvested; 99% 2007. 100% avg. Hay 94% second cutting, 99% 2007, 99% avg. Sweet potatoes 24% harvested, 31% 2007, 34% avg. Sweet potato 10% very poor, 35% poor, 43% fair, 12% good. Sugarcane 56% planted, 94% 2007, 94% avg. Sugarcane 12% very poor, 29% poor, 38% fair, 21% good, 1% excellent. Livestock 1% very poor, 6% poor, 33% fair, 52% good, 1% excellent. Vegetables 12% very poor, 18% poor, 48% fair, 21% good, 1% excellent. Range and Pasture 4% very poor, 11% poor, 35% fair, 46% good, 4% excellent.

**MARYLAND:** Days suitable for fieldwork 4.4. Topsoil moisture 0% very short, 13% short, 77% adequate, 10% surplus. Subsoil moisture 5% very short, 27% short, 67% adequate, 1% surplus. Hay supplies 6% very short, 12% short, 77% adequate, 5% surplus. Other Hay 3rd cutting 81%, 55% 2007, 76% avg.; 4th cutting 20%, 11% 2007, 24% avg. Alfalfa Hay 4th cutting 65%, 87% 2007, 67% avg.; 5th cutting 7%, 6% 2007, 4% avg. Pasture condition 4% very poor, 19% poor, 37% fair, 37% good, 3% excellent. Corn condition 2% very poor, 14% poor, 35% fair, 38% good, 11% excellent; 88% mature, 89% 2007, 86% avg.; harvested for grain 55%, 41% 2007, 35% avg.; harvested for silage 91%, 41% 2007, 75% avg. Soybean condition 19% very poor, 20% poor, 24% fair, 30% good, 7% excellent; turning color 74%, 70% 2007, 62% avg.; dropping leaves 58%, 37% 2007, 34% avg.; 6% harvested, 3% 2007, 5% avg. Barley 18% planted, 30% 2007, 20% avg. Winter wheat 8% planted, 14% 2007, 10% avg. Lima Beans 76% harvested, 64% 2007, 75% avg. Apples 72% harvested, 79% 2007. 64% 2007. Autumn 80% 2007, 12% avg. Apples 67% 2007, 32% avg. Beets 85% 2007, 15% avg. Peanuts 87% 2007, 13% avg. Tobacco 94% harvested, 24% 2007. Peaches 99% harvested, 100% 2007. Precipitation varied from none west central, east central, southwestern, south central, and southeastern Lower Peninsula to 0.24 inches eastern Upper Peninsula. Average temperatures ranged from near central and southeastern Lower Peninsula to 9 degrees above normal western Upper Peninsula and west central and northwestern Lower Peninsula. Temperatures above average and ideal for farm activities. Warm, sunny days welcomed and helped to mature field crops and provide good harvest and wheat planting conditions. Corn continued to mature. Harvest progress has been good, but need some time to dry down before harvest. Silage harvest continued. Leaves of soybean plants have all but turned, and majority have dropped. Harvest underway. Alfalfa harvest continued with farmers getting a third or fourth cutting. For some, potential for a fourth cutting may not be achieved due to the weather. Dry bean harvest continued and many plants have shed leaves. Harvest continued at a rate much behind normal. Weather great for winter wheat planting. Sugarbeet harvest continued. Apple harvest continued across State. Southeast, growers completed harvest of Honeycrisp and McIntosh varieties. Harvest began for Redcord, Empire, Jonathan, and Jonagold varieties with Golden Delicious and Red Delicious harvest began; size and quality excellent. Harvest of Gingergold variety continued northwest. Harvest of fall raspberries continued. Niagara and wine grape harvest continued southwest. Conditions improved for vegetables as soils dried, allowing for field operations to commence. Late vegetables looked good where growers able to irrigate earlier in summer. Pumpkins and winter squash harvests mostly have not reached maturity. Tomato harvest coming to a close. Yields down on most fields due to dry summer. Harvesting of processing tomatoes winding down. Carrot and onion harvest continued. Potato harvest full swing. Most of crop slow to mature with cool weather.

**MINNESOTA:** Days suitable for fieldwork 5.4. Topsoil moisture 8% very short, 20% short, 65% adequate, 7% surplus. Corn 80% silage cut, 94% 2007, 82% avg. Soybeans 98% turning yellow, 100% 2007, 98% avg.; 44% mature, 91% 2007, 69% avg.; 13% moisture, 13% 2007, 14% avg. Potatoes 56% harvested, 68% 2007, 64% avg.; condition 1% poor, 5% fair, 58% good, 36% excellent. Canola 85% harvested, 100% 2007, 95% avg. Sweet Corn 91% harvested, 100% 2007, 96% avg. Dry Edible Beans 69% harvested, 64% 2007, 62% avg. Pasture condition 7% very poor, 16% poor, 40% fair, 36% good, 1% excellent. Sugarbeet condition 1% very poor, 2% poor, 22% fair, 49% good, 26% excellent. Sunflower condition 2% poor, 27% fair, 59% good, 12% excellent. Minnesota’s sweet corn harvest was nearly complete, and corn silage and canola harvests were progressing well. Corn and soybean crops were nearly half mature.
excellent. Soybeans 90% turning color, 99% 2007, 99% avg.; 73% shedding leaves, 92% 2007, 94% avg.; 40% harvested, 63% 2007, 77% avg.; 6% very poor, 11% poor, 30% fair, 38% good, 15% excellent. Winter Wheat 0% planted, 0% 2007, 7% avg.; 0% emerged, 0% 2007, 2% avg. Hay (harvested-warm) 94%, 96% 2007, 95% avg.; 1% very poor, 19% poor, 89% fair, 1% excellent. Sweetpotatoes 37% harvested, 51% 2007, 47% avg.; 0% very poor, 3% poor, 17% fair, 65% good, 15% excellent. Cattle 3% very poor, 5% poor, 18% fair, 60% good, 14% excellent. Pasture 2% very poor, 6% poor, 34% fair, 48% good, 10% excellent. Improved weather conditions have proven to be beneficial for row crop and hay harvesting activities. Some producers are reporting damage to crops in various areas across the state. Ryegrass planting is underway in some areas, but other areas are reporting limited ground preparation for ryegrass due to increased fertilizer and seed prices.

MISSOURI: Days suitable for fieldwork 6.4. Topsoil moisture 2% very short, 11% short, 75% adequate, 12% surplus. Pasture condition 1% very poor, 6% poor, 26% fair, 56% good 9% past tent. Silage, warm, and drier weather was welcomed across Missouri. A few producers in the northeast district tried harvesting corn and soybeans, but moisture levels were too high. Reporters in the south-central district indicate the need for rain to replenish soil moisture. Temperature averaged 92°F and dropped slightly 3°F the last week. The northwest received the most at 0.76 inches while the southern third of the State received no rainfall. Activities. Corn, soybean, sorghum, rice harvest, 3rd cutting alfalfa; care of livestock.

MONTANA: Days suitable for field work 6.3. Topsoil moisture 17% very short, 27% last year; 19% short, 57% last year; 63% adequate, 34% last year; 1% surplus, 2% last year. Subsoil moisture 27% very short, 37% last year, 26% short, 36% last year, 47% adequate, 27% last year, 0% surplus, 0% last year. Barley 91% harvested, 100% last year. Oats 96% harvested, 100% last year. Spring wheat 95% harvested, 100% last year. Winter wheat 52% planted, 65% last year, 7% emerged, 14% last year. Durum wheat 91% harvested, 99% last year. Lentils 95% harvested, 100% last year. Alfalfa Hay second cutting 99% complete, 100% last year. All other hay second cutting 81% complete, 93% last year. Chopped for silage 65%, 91% last year. Corn condition 1% very poor, 0% last year, 2% poor, 1% last year, 13% fair, 11% last year, 63% good, 71% last year, 21% excellent, 17% last year. Several producers were able to make significant progress on field work due to warm temperatures and limited precipitation. Farmers are preparing for sugar beet harvest. Sugar beets condition 1% very poor, 0% last year, 9% poor, 1% last year, 19% fair, 3% last year, 55% good, 73% last year, 16% excellent, 20% last year. The state received light precipitation for the week ending September 28th. Olney received the most weekly accumulated precipitation at 1.05 inches. Highs were mostly in the 70s to 80s, and lows were mostly in the 30s. Albion had the high temperature of 89 degrees, and Wisdom had the low temperature of 89 degrees, and temperatures averaged 1 to 8 degrees above normal during the week. Temperatures were warm, and drier weather was welcomed across Missouri. A few farmers in the northeast district tried harvesting corn and soybeans, but moisture levels were too high. Reporters in the south-central district indicate the need for rain to replenish soil moisture. Temperature averaged 92°F and dropped slightly 3°F the last week. The northwest received the most at 0.76 inches while the southern third of the State received no rainfall. Activities. Corn, soybean, sorghum, rice harvest, 3rd cutting alfalfa; care of livestock.

NEVADA: Days suitable for field work 7.7. Topsoil moisture 8% short, 59% adequate, 33% surplus. Subsoil moisture 1% very short, 6% short, 60% adequate, 33% surplus. Pasture condition 1% very poor, 19% poor, 31% last year, 63% good, 9% excellent. Lentils 95% harvested, 100% last year. Almonds 45% harvested, 60% 2007, 45% average; condition good/fair. Rhode Island Potatoes 95% harvested, 95% 2007, 90% average; condition good/excellent. Massachusetts Potatoes 65% harvested, 70% 2007, 65% average; condition good. Maine Oats 95% harvested, 95% 2007, 90% average; condition good/fair. Maine Barley 99% harvested, 95% 2007, 95% average; condition fair/good. Field Corn 60% harvested, 50% 2007, 45% average; condition good/fair in Vermont and good/excellent elsewhere. Sweet Corn 95% harvested, 95% 2007, 95% average; condition good/fair in Connecticut and good/excellent elsewhere. Second Crop Hay 99% harvested, 99% 2007, 95% average; condition good/excellent in Vermont and good/fair elsewhere. Third Crop Hay 70% harvested, 80% 2007, 75% average; condition good/excellent in Vermont and good/fair elsewhere. Apples 55% harvested, 50% 2007, 60% average; Fruit Size average/above average in Rhode Island and Vermont and average elsewhere; condition good/fair in Connecticut and New Hampshire and good/excellent elsewhere. Massachusetts Cranberries 10% harvested, 15% 2007, 15% average; Fruit Size average/above average; condition good. The past week brought scattered, cloudy weather in New England. Temperatures were below average to average in the upper 50s to mid-60s with nighttime lows ranging from the low 30s to the low 50s. Low temperatures dipped down into the mid-20s Tuesday in some of the northernmost areas, setting new record lows for the day. Light frosts continued to be experienced in the North, while the many areas of the South still have not seen their first. Temperatures warmed up during the course of the week, but skies remained cloudy. Heavy rains moved into New England overnight on Thursday. The storm also brought above average temperatures in the mid-60s to mid-70s and above average lows in the upper 50s to mid-60s. Hurricane Kyle moved close to Maine’s coast on Sunday. The storm did not bring the strong winds that were predicted, but a significant amount of rain did fall in areas of Maine. Rainfall for the weekend totaled anywhere from 0.38 inches in Vermont to 6.82 inches in Maine and coastal areas. Crop specialists reported minimal flooding as a result of the week’s rains. In parts of Vermont however, the rains weren’t enough. Areas of the state were drying out last week which forced some vegetable growers to irrigate. Major farm activities included cutting hay, chopping field corn, harvesting oats, barley, potatoes, fruit, and vegetable crops, mowing orchard floors, spreading manure, and disking and planting cover crops.

NEW JERSEY: Days suitable for fieldwork 5.0. Topsoil moisture 5% very short, 90% adequate, 5% surplus. Subsoil moisture 3% very short, 60% adequate. There were measurable amounts of rainfall for the week in all localities. Temperatures were above normal during the week across the Garden State. Pastures were relieved by recent
rainfall. Hay conditions rated fair to good as second, third, and some fourth cuttings continued throughout the state. In the southern district, reports for sweet potatoes were good as harvesting continued. Prospects for pumpkins were favorable, but vary statewide. Fall vegetables finishing included tomatoes, sweet corn, eggplant, and peppers. Farmers continued harvesting apples, cranberries, and grapes.

NEW MEXICO: Days suitable for fieldwork 6.8. Topsoil moisture 12% very short, 38% short, 50% adequate. Wind damage 5% light, 2% moderate. Alfalfa 3% very poor, 3% poor, 34% fair, 55% good, 5% excellent; fifth cutting 72% complete. Cotton 25% fair, 56% good, 19% excellent; 47% bolls open. Corn 16% fair, 65% good, 19% excellent; 84% dent, 40% mature. 2% grain harvested. Irrigated sorghum 14% fair, 84% good, 2% excellent; 80% coloring, 19% mature. Dry sorghum 28% poor, 65% fair, 7% good; 88% headed, 64% coloring, 5% mature. Peanuts 80% fair, 20% good; 32% harvested. Chile conditions 5% poor, 27% fair, 51% good, 17% excellent; 89% harvested green, 24% harvested red. Peppers 27% fair, 37% good, 18% excellent; cattle 3% poor, 26% fair, 57% good, 14% excellent. Sheep 5% very poor, 10% poor, 23% fair, 56% good, 16% excellent. Range and pasture 3% very poor, 8% poor, 35% fair, 37% good, 17% excellent. Temperatures across the state were generally within a few degrees of normal with temperature ranging 1°F to 2°F above or below normal. The largest precipitation was seen at Northeast New Mexico at 0.12 inches.

NEW YORK: Days suitable for fieldwork 5.3. Soil moisture 6% short, 85% adequate, 9% surplus. Pasture condition 3% poor, 23% fair, 60% good, 14% excellent. Corn condition 4% poor, 10% fair, 52% good, 34% excellent. Harvest 63%, 21% fair, 12% good, 4% excellent. Third cutting of alfalfa 93%, 87% average. Silage corn 45%, 59% average. Potatoes 75%, 73% average. Dry beans 38%, 27% average. Apple condition 17% poor, 21% fair, 49% good, 13% excellent. Grapes 11% poor, 20% fair, 58% good, 11% excellent; 55%, 32% average. Peaches 25% poor, 27% fair, 48% good, 94% harvested, 98% average. Pears 44% poor, 27% fair, 29% good, 86% average. Apples 48%, 52% average. In the Finger Lakes, most growers were optimistic about fruit quality this year, although there were some cases of bunch rot appearing. In Long Island vineyards, downy mildew, birds, and deer continued to be an issue. Sweet corn condition 2% poor, 19% fair, 58% good, 22% excellent. Hay 21% fair, 12% good, 67% excellent. Alfalfa third cutting 90%, 100% 2007, 95% average. Conditions were generally cool, 25°F to 75°F average. Alfalfa hay 4th cutting 75%, 74% 2007, 63% average. Alfalfa hay 4th cutting 75%, 74% 2007, 63% average. Other hay condition 1% very poor, 10% poor, 37% fair, 44% good, 18% excellent. Feeders less than 800 pounds averaged $101 per cwt. Livestock prices for feeders less than 800 pounds averaged $109 per cwt. Prices for heifers less than 800 pounds averaged $101 per cwt. Alfalfa condition 1% very poor, 3% poor, 32% fair, 49% good, 10% excellent. Rye seedbed prepared this week, 82% last week, 90% last year, 94% average; 70% planted this week, 45% last week, 58% last year, 68% average. Oats seedbed prepared this week, 58% last week, 74% year, 72% average; 11% planted this week, 91% last week, 99% this year. Peanuts 80% fair, 20% good; 32% harvested. Chile conditions 5% poor, 19% fair, 69% good, 4% excellent; 84% mature this week, 56% last week, 95% last year, 95% harvested this week, 34% last week, 81% last year, 71% average. Sorghum 91% headed this week, 91% last week, 100% last year, 99% average. Soybeans condition 1% very poor, 10% poor, 37% fair, 38% good, 11% excellent; 97% setting pods this week, 94% last week, 95% this year, 96% average; 27% mature this week, 21% last week, 28% last year, 28% average. Peaches 25% fair, 73% good, 1% excellent; 95% set this week, 35% last week, 67% last year, 69% average. Alfalfa condition 2% very poor, 7% poor, 37% fair, 47% good, 7% excellent; 4th cutting 94% this week, 89% last week, 93% last year, 93% average; 5th cutting 51% this week, 39% last week, 50% last year, 51% average. Sorghum condition 1% very poor, 10% poor, 37% fair, 38% good, 10% excellent. Rye seedbed prepared this week, 82% last week, 90% last year, 94% average; 70% planted this week, 45% last week, 58% last year, 68% average. Oats seedbed prepared this week, 58% last week, 74% year, 72% average; 11% planted this week, 91% last week, 99% this year. Peanuts 80% fair, 20% good; 32% harvested. Chile conditions 5% poor, 19% fair, 69% good, 4% excellent; 84% mature this week, 56% last week, 95% last year, 95% harvested this week, 34% last week, 81% last year, 71% average. Livestock condition 1% very poor, 3% poor, 21% fair, 59% good, 16% excellent. Pasture and range condition 2% very poor, 7% poor, 32% fair, 49% good, 10% excellent. Beef cow prices for feeder steers less than 800 pounds averaged $109 per cwt. Prices for heifers less than 800 pounds averaged $101 per cwt.

OREGON: Days suitable for field work 6.5. Topsoil moisture 42% very short, 35% short, 22% adequate, 1% surplus. Sub soil moisture 42% very short, 35% short, 23% adequate. Corn condition 11% fair, 70% very good, 19% excellent. Range condition 23% very poor, 30% poor, 37% fair, 10% good. Winter Wheat 29% planted, 45% previous year, 30% 5-year average. Alfalfa third cutting 90%, 100% previous year, 95% 5-year average. Conditions were generally cool, dry to begin the week, but warmed up by the weekend. High temperatures ranged from 92 degrees in Medford, down to 70 degrees in Joseph. Low temperatures ranged from 44 degrees in Portland, Medford, down to 20 degrees in Christmas Valley. Twenty-two of the forty-three weather stations reported measurable precipitation. Throughout the State, rainfall levels were below normal. Many areas experienced slightly below average temperatures. Field Crops: Dry, warm weather continued throughout the week. Warm days, warm nights, and plenty of sun accelerated the development of remaining crops. Significant amounts of precipitation were received early in the week, especially in the central and northeastern districts. While additional time is needed to help corn progress toward maturity, producers were awaiting for a hard frost to dry down soybeans and sunflowers for harvest.

OHIO: Days suitable for field work 6.8. Topsoil moisture 34% very short, 36% short, 30% adequate, 0% surplus. Corn 58% mature, 68% 2007, 60% avg.; 8% harvested for grain, 8% 2007, 5% avg.; 85% silage harvested, 87% 2007, 80% avg.; condition 10% very poor, 23% poor, 36% fair, 26% good, 5% excellent. Soybeans 81% dropping leaves, 88% 2007, 83% avg.; 44% mature, 51% 2007, 46% avg.; harvested, 15% 2007, 14% avg.; condition 10% very poor, 22% poor, 40% fair, 25% good, 3% excellent. Winter Wheat 9% planted, 11% 2007, 8% avg. Apples (Fall & V. J. S) 45%, 43% 2007, 42% 2007. Grapes 58% harvested, 54% 2007, 47% avg. Potatoes 85% harvested, 77% 2007, 80% avg. Processing tomatoes 65% harvested, 84% 2007, 83% avg. Alfalfa hay 4th cutting 75%, 74% 2007, 63% avg. Other hay 3rd cutting 92%, 81% 2007, 80% avg. Livestock condition 0% very poor, 2% poor, 25% fair, 61% good, 12% excellent. Pasture condition 13% very poor, 3% poor, 37% fair, 28% good, 2% excellent. Throughout most areas of the State producers are harvesting corn and soybeans, and the planting of winter wheat has begun. There is lodging of corn in areas affected from hurricane Ike wind damage. Field activities for the week include cutting and baling of hay, and the harvesting of soybeans and tomatoes. Other field activities include fall tillage, baling and chopping alfalfa, and haulin of grain.
starting to arrive in stores for Halloween. Fruits, Nuts; Apples, pears continued to be picked with varieties transitioning from summer to winter. Some wine grapes were harvested. Expected rain during the coming week may speed up grape picking. Hazelnuts continue to accumulate on orchard floors, but harvest has not yet begun. Midweek rain caused minor delays to harvest operations in Good River County. Warm, dry weather returned toward the end of the week. Winter pear harvest continued in lower, middle Hood River Valley orchards, began in the upper valley. Golden Delicious apples were harvested in the lower valley. Nurseries, Greenhouses; High temperatures over the weekend caused plant stress, forcing nurseries to make irrigation a priority. Stock upkeep, fall preparations continued as well. Greenhouses were moving potted plants to new plantations, irrigating fields, while continuing to get out fall starts. Christmas tree fields, equipment were being prepared for harvest in Marion County.

Livestock, Range, Pasture Most livestock were either on irrigated pastures, grazing grain stubble, or were receiving supplemental feed. Weaning of spring calves continued.

**PENNSYLVANIA:** Days suitable for fieldwork 5. Soil moisture 20% very short, 22% short, 48% adequate, 10% surplus. Fall plowing 43% complete, 47% 2007, 39% avg. Corn 94% dent, 97% 2007, 90% avg.; 64% mature, 74% 2007, 64% avg.; silage 82% harvested, 82% 2007, 75% avg.; 26% hay, 22% 2007, 19% avg. Soybeans 9% very poor, 10% poor, 22% fair, 49% good, 18% excellent. Soybean condition 1% very poor, 8% poor, 26% fair, 52% good, 13% excellent; 7% harvested, 7% 2007, 4% avg. Winter wheat 19% planted, 26% 2007, 22% avg.; 7% emerged, 7% 2007, 6% avg. Barley 47% planted, 45% 2007, 45% avg.; 25% emerged, 14% 2007, 20% avg. Tobacco 93% harvested, 94% 2007, 95% avg.; 1% hail, 1% 2007, 69% avg. Alfalfa fourth cutting 82% complete, 54% 2007, 56% avg. Apple crop condition 3% poor, 23% fair, 52% good, 22% excellent; 47% harvested, 68% 2007, 60% avg. Grapes 35% harvested, 13% 2007, 19% avg. Quality of hay made 2% very poor, 9% poor, 18% fair, 62% good, 9% excellent. Pasture conditions 27% very poor, 19% poor, 29% fair, 20% good, 5% excellent. The comfortable weather continued for much of the week, but the weekend rain slowed field work. Principal farm activities included making hay, spreading manure and lime, planting barley and wheat, picking apples, as well as harvesting grapes, soybeans, corn, tobacco and potatoes. Fall plowing is 43 percent complete.

**SOUTH CAROLINA:** Days suitable for fieldwork 5.3. Soil moisture 5% very short, 29% short, 59% adequate, 7% surplus. Soybeans 5% very poor, 14% poor, 38% fair, 36% good, 7% excellent. Soybeans pods set 99%, 92% 2007, 97% avg.; leaves turning color 23%, 30% 2007, 31% avg.; leaves dropped 10%, 13% 2007, 10% avg.; 3% mature, 2% 2007, 3% avg.; 22% bloom, 21% 2007, 20% avg., 95% 1% 2007, 98% avg.; 68% matured, 80% 2007, 78% avg.; 38% harvested, 60% 2007, 53% avg.; 18% very poor, 40% poor, 20% fair, 22% good, 0% excellent. Sweet Potatoes 5% very poor, 20% poor, 30% fair, 45% good, 0% excellent; 14% harvested, 20% 2007, 26% avg. Apples 0% very poor, 5% poor, 25% fair, 50% good, 0% excellent; 9% harvested, 51% 2007, 57% avg. Livestock condition 1% very poor, 9% poor, 41% fair, 47% good, 2% excellent. Corn 94% harvested, 96% 2007, 93% avg. Winter wheat 3% planted, 1% 2007, 7% avg. Tobacco 99% harvested, 99% 2007, 99% avg.; stalks destroyed 88%, 76% 2007, 81% avg. Peaches 100% harvested, 100% 2007, 100% avg. Winter granzing 30% planted, 22% 2007, 28% avg. An unnamed tropical system came ashore late last week providing additional rains to much of the state. Heavy rainfall was confined mainly to the east of Columbia. Crop harvesting continued, but at a slower pace due to the additional moisture that was received. Corn harvest has finished in several counties. Combining in other areas has slowed due to last week’s rains. Cotton acreage was still being defoliated. Bolls were really opening, and could use some sunshine. A few producers have begun to harvest, but were stopped by rainfall. Peanut harvesting was progressing. The pace of digging was dependant on how wet fields have been. Sorghum conditions have been improving for several weeks now. Soybean rust was found in several additional counties this past week. The situation does not seem to be critical at this point, nor is it expected to be. Rain has helped pod development. Monitoring continues for stink bugs, and velvet bean curtapillars, but no serious problems have been reported. There were still a very few fields of tobacco that were watered on dryer weeks but the leaves would be stripped. The later harvested crop has suffered from all the water. Livestock enjoyed the week’s cooler temperatures. The rains have boosted grass in pastures, but cooler nights in combination with the drought have hurt the ability for plants to bounce back. Recently picked apples are available at local markets. Anyone wanting some fresh South Carolina peaches will have to wait until next year. This was the last week for the crop. More winter grazings will be planted following the rains that have been received. The state average temperature for the week was three degrees below normal. The state average rainfall for the week was 1.1 inches.
WASHINGTON: Days suitable for fieldwork 6.7. Topsoil moisture 15% very short, 36% short, 49% adequate. Grain harvest has ended. Yields were average. Fall seeding of winter wheat continued in all grain growing counties. Garfield and Asotin reported rapid progress. Conditions remained unusually dry as most operations were planting into very dry soil and hoping for fall moisture to sprout seed. On the West side, Skagit County reported corn silage harvest was ongoing. Whatcom County reported good potato harvest progress after a wet weekend. Christmas tree growers continued top-working Noble fir. In the Yakima Valley, Gala apple harvest is nearly complete and growers were focusing on the mid-season varieties like Golden Delicious, Honeycrisp and Jonagold. Growers were removing irrigation drip-lines, black plastic and turning down more vegetable blocks. Grape harvest was ongoing. Apple harvest was also ongoing in Snohomish County as well as sweet corn harvest. Grays Harbor County reported sweet corn growers were topping fields in preparation for harvest. Skagit County reported seed growers were able to finish harvesting the remaining spinach and barley seed. Beet seed harvest will be late. Flower crops were being planted. Pacific County reported cranberry growers continued working bogs in preparation for a late harvest. Range and pasture conditions 12% very poor, 28% poor, 39% fair, 18% good, 3% excellent. On the west side, Island County reported cattle were actively out on pasture. On the east side, cattle growers continued bringing cattle in from summer pasture and were grazing them on fields of stubble. Some operations were busy with fall calving. Feed costs were high and operators felt pressure to move cattle to market early.

WEST VIRGINIA: Days suitable for field work 6. Topsoil moisture 28% very short, 36% short, 35% adequate, 1% surplus compared with 33% very short, 37% short, 29% adequate last year. Corn conditions 1% very poor, 1% poor, 18% fair, 75% good, 5% excellent; 84% dented, 76% 2007, 5-yr avg. not available. Corn 42% mature, 41% 2007, 48% 5-yr avg.; 7% harvested, 6% 2007, 9% 5-yr avg. Soybean conditions 3% fair, 97% good, 71% dropping leaves, 85% 2007, 70% 5-yr avg.; 9% harvested, 5% 2007, 5-yr avg. not available. Wheat 10% planted, 23% 2007, 16% 5-yr avg. Winter wheat 6% emerged, 2% 2007, 5-yr avg. not available. Hay 11% poor, 43% fair, 41% good, 5% excellent; third cutting 59% complete, 27% 2007, 5-yr average not available. Apple conditions 24% fair, 76% good, 44% harvested, 44% 2007, 38% 5-yr avg. Peach conditions 50% fair, 50% good, 100% harvested. Peach conditions 93% 2007, 92% 5-yr avg. not available. Cattle and calves 2% poor, 15% fair, 79% good, 4% excellent. Sheep and lambs 2% poor, 9% fair, 82% good, 7% excellent. Farming activities included harvesting corn for silage, cutting hay, weaning calves, harvesting peaches, apples, pumpkins, moving cattle, harvesting vegetables and cutting firewood in preparation for winter.

WISCONSIN: Days suitable for fieldwork 6.4. Topsoil moisture 14% very short, 41% short, 44% adequate, 1% surplus. Temperatures ranged from 7 to 9 degrees above normal. Average high temperatures ranged from 75 to 80 degrees across the state. Lows averaged from 51 to 59 degrees for the week. Precipitation ranged from 0.00 inches in Green Bay and Madison to 1.25 inches in LaCrosse. Corn 84% dented, 36% very short, 2% harvested for grain, 58% last year. Corn conditions 18% very poor, 30% poor, 2% fair, 33% good, 3% excellent. Corn conditions 15% very short, 47% short, 39% adequate, 1% surplus compared with 8% very short, 37% short, 45% adequate last year. Corn conditions 18% very short, 40% short, 42% adequate. Winter wheat 99% planted, 83% 2007, 97% 5-yr avg.; 8% harvested, 93% 2007, 87% 5-yr avg. Corn 6% harvested, 95% 2007, 71% 5-yr avg. Soybeans 59% mature, 76% 2007, 73% 5-yr avg.; 9% harvested, 87% 2007, 75% 5-yr avg.; 10% 2007, 78% 5-yr avg. Soybeans to mature.

WYOMING: Days suitable for fieldwork 6.9. Topsoil moisture 3% very short, 36% short, 60% adequate, 1% surplus. Subsoil moisture 18% very short, 40% short, 42% adequate. Winter wheat 99% planted, 89% 2007, 91% 5-yr avg.; 74% emerged, 38% previous week, 86% 2007, 69% avg. Dry beans 73% windrowed, 49% previous week, 87% 2007, 80% avg.; 50% combined, 23% previous week, 64% 2007, 59% avg.; condition 15% fair, 84% good, 1% excellent. Corn 92% dented, 85% previous week, 95% 2007, 96% avg.; 73% dented, 58% previous week, 86% 2007, 82% avg.; 40% mature, 16% previous week, 58% 2007, 43% avg.; condition 1% poor, 24% fair, 75% good, for silage 75% harvested, 49% previous week, 81% 2007, 84% avg. Alfalfa hay 40% third cutting, 29% previous week, 74% 2007, 62% avg. Sugar beets condition 1% poor, 17% fair, 82% good. Range and pasture condition 2% very poor, 12% poor, 47% fair, 33% good, 6% excellent. Irrigation water supplies 3% very short, 16% short, 80% adequate. All of the reporting stations received at or below normal precipitation. Additional moisture is needed in order to keep the grass growing. Range and pasture conditions have worsened slightly due to lack of moisture. A grasshopper infestation in a localized area had a negative effect on pasture that was kept for fall and winter grazing. Activities hay harvest, moving hay to stock yards, shearing range sheep, branding and moving livestock.