

Weekly Weather and Crop Bulletin

State Stories

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ALABAMA: Days suitable for fieldwork 7.0. Topsoil moisture 7% very short, 35% short, 57% adequate, 1% surplus. Corn 89% harvested, 92% 2007, 90% avg. Cotton condition 4% very poor, 12% poor, 36% fair, 41% good, 7% excellent; Bolls Opening 84%, 92% 2007, 92% avg.; 10% harvested, 22% 2007, 20% avg. Peanut condition 1% very poor, 1% poor, 25% fair, 55% good, 18% excellent; Dug 37%, 30% 2007, 46% avg.; Combined 24%, 19% 2007, 36% avg. Soybean condition 7% very poor, 18% poor, 38% fair, 33% good, 4% excellent; dropping leaves 70%, 85% 2007, 80% avg.; 21% harvested, 31% 2007, 27% avg. Livestock condition 0% very poor, 11% poor, 51% fair, 35% good, 3% excellent. Pasture and range condition 2% very poor, 17% poor, 33% fair, 41% good, 7% excellent. Dry conditions still covered the state with no indications of precipitation; yet dry weather continues to make harvesting adequate for most areas of the state. Average temperatures during the past week fluctuated with majority of the state being above normal. Crop conditions slightly changed from the previous week, with corn harvesting nearing completion and peanuts and soybeans harvesting showing much improvement from previous week. Livestock conditions were looking well with cattle herds entering the fall to winter periods.

ALASKA: DATA NOT AVAILABLE

ARIZONA: Temperatures were above normal across the State for the week ending October 5. Precipitation was reported at 8 of the 22 reporting stations. Virtually all of the cotton acreage has open bolls. Cotton harvesting is complete on 25 percent of the acreage across the State. Cotton condition in the State is mostly good. Alfalfa harvest remains active on over three-quarters of the State's acreage. Range and pasture conditions across the State are mostly poor to good.

ARKANSAS: Days suitable for fieldwork 6.8. Topsoil moisture 1% very short, 26% short, 70% adequate, 3% surplus. Subsoil moisture 1% very short, 17% short, 80% adequate, 2% surplus. Corn 90% harvested, 98% 2007, 99% avg. Soybeans 73% yellowing, 85% 2007, 86% avg.; 33% mature, 60% 2007, 58% avg. Good weather aided crop progress and allowed producers to continue harvesting their crops. Corn farmers harvested an additional 15% of the corn crop. Cotton opening bolls increased 7%, and producers harvested an additional 12% of the crop but were 27% behind the previous year and 19% behind the 5-year average. The cotton crop was in mostly fair to good condition. Rice harvested was 19% behind last year and 20% behind the 5-year average. Producers harvested an additional 13% of the sorghum crop by week's end, which was about three weeks behind 2007 and two weeks behind the 5-year average. Soybeans yellowing was 12% behind the previous year and 13% behind the 5-year average while shedding increased a significant 17% last week. Soybeans reaching maturity were 27% behind last year and 25% behind the 5-year average. Soybean farmers harvested an additional 9% of the crop last week but were 26% behind 2007 and 23% behind the 5-year average. Soybeans were in mostly fair to good condition. At the end of the week, farmers had 4% more of the winter wheat crop planted. Producers continued to harvest apples. Livestock were rated in fair to good condition. Armyworms were still plaguing forage crops and required the attention of farmers. Producers continued to harvest hay. Pasture and range and hay crops were in at least 80% fair to good condition.

CALIFORNIA: Wheat fields were being cultivated, prepared for fall planting. Alfalfa growers were still cutting, windrowing, raking, baling for the production of alfalfa hay. Sudan grass was being harvested for hay and irrigated. Rice harvest continued; growers were draining fields. Cotton fields continued to set bolls and open. Cotton defoliation continued; growers continued to look for aphid, mite, lygus. Fall sugar beet harvest was winding down. Safflower harvest continued. Harvest

of corn for grain, silage remained underway. Peaches, pears, plums, pluots, nectarines continued to be harvested, though the season was winding down. Varieties picked included Autumn Flame, Carnival, Fairtime, Full Moon, Last Tango, September Flame, September Sun, September Snow, Snow Magic, and Sweet September peaches; Angeleno, Betty Ann, Kelsey, and September Yummy plums; Apple Fire, Dapple fire, and Flavor Fall pluots; Autumn Flare, Arctic Mist, Arctic Snow, and September Red nectarines were being harvested and packed. Plum harvest had already ended in some areas. Pear harvest was also complete in some areas. Picking of table grapes remained steady. Wine grapes were also picked. Raisin grapes continued to dry. Recent rains were expected to have caused minimal damage to those still drying. Early varieties were being picked up. Pomegranate harvest was in full swing. Persimmon harvest had begun in Yuba County and kiwi orchards were being readied for harvest. In other areas growers were waiting for persimmons to show better color. Figs were harvested. Apple harvest was winding down with Gala, Granny Smith, Golden, and Red Delicious apples still being picked. Quince harvest started; jujube harvest continued. Valencia orange harvest was still slow. Navels continued to size. Growers were applying growth regulator treatments. Mandarins were maturing; harvest was expected to begin soon. Picking of lemons was increasing in the desert areas. Olive harvest was in full swing. Walnut harvest was still active. Recent rains were expected to accelerate hull split in some areas. Some growers still had almonds on the ground but the majority of nuts had been picked up. Pistachio harvest continued. In Tulare County, the commercial tomato harvest continued. Summer vegetables, such as assorted peppers, squash, eggplant, tomatoes, were still being harvested, but activities were slowing down. Both broccoli and cauliflower were planted; spinach continued to grow well. Fresh market and processing tomatoes, watermelon, bell peppers, and cantaloupe harvests continued in Merced County, while the honeydew harvest was finished. The harvest of watermelon and seed crops was winding down in Sutter County. Imperial County sprayed and prepared produce fields for pest control, especially worms and white flies. 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. Harvest of farmers market crops continued, including amaranth, basil, various bean varieties, bittermelon, collard greens, cilantro, cucumbers, daikon, dill, dongua, eggplant, gailon, kabocha, leaf lettuce, leeks, lemongrass, kale, mint, moqua, mustard greens, ona choy, opo, parsley, chili peppers, radishes, sinqua, 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, and treated for insects and mildew. For watermelon, cantaloupe, mixed melon, and honeydew, harvest continued more slowly. Pumpkin vines showed good signs of growth and fruit sizing. Late week precipitation reduced fire hazards in some areas but brought only marginal improvement to very poor dryland pasture and rangeland conditions. Cattle on dry pasture and rangeland continued to receive supplements of hay and other nutrients at all elevations. Cattle at upper elevations were gathered in preparation for movement to winter pastures, and herds at lower elevations continued to be reduced due to the poor feed and water conditions. Irrigated pastures were in good condition. Fall beef cow calving was slowing down, and ideal conditions have reportedly resulted in a mostly excellent calf crop. Cooler weather was again a positive for poultry and milk production. Sheep were grazing on harvested grain and melon fields, abandoned alfalfa fields, and idle farmland. Some honeybees continued to pollinate melons in central areas, and others were moved to post-harvest storage.

COLORADO: Days suitable for fieldwork 6.4. Topsoil moisture 8% very short, 31% short, 56% adequate 5% surplus. Subsoil moisture 14% very short, 39% short, 44% adequate, 3% surplus. Dry onions 78% harvested, 81% 2007, 87% avg.; condition 4% poor, 27% fair, 51% good, 18% excellent. Sugarbeets 17% harvested, 18% 2007, 15% avg.; condition 2% very poor, 4% poor, 20% fair, 41% good 33% excellent. Summer potatoes 89% harvested, 77% 2007, 87% avg.; condition 8% very poor, 8% poor, 15% fair, 53% good, 16% excellent. Fall potatoes 65% harvested 56% 2007, 65% avg.; condition 9% very poor, 9% poor, 21% fair, 42% good, 19% excellent. Dry Beans 80% cut, 87% 2007, 90% avg.; 56% harvested, 67% 2007, 66% avg.; condition 1% very poor, 4% poor, 34% fair, 49% good 12% excellent. Spring wheat 98% harvested, 100% 2007, 100% avg. Alfalfa 95% 3rd cutting, 97% 2007, 91% avg.; 27% 4th cutting, 32% 2007, 35% avg.; condition 1% very poor, 7% poor, 32% fair, 37% good, 23% excellent. Corn silage 82% harvested, 96% 2007, 93% avg. Colorado was exceptionally dry and warm again 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 5.5. Topsoil moisture 1% very short, 28% short, 70% adequate, 1% surplus. Subsoil moisture 4% very short, 48% short, 48% adequate, 0% surplus. Hay supplies 2% very short, 30% short, 50% adequate, 18% surplus. Other Hay 3rd cutting, 73%, 77% 2007, 92% avg.; 4th cutting, 6%, 36% 2007, 34% avg. Alfalfa hay 4th cutting 69%, 62% 2007, 67% avg.; 5th cutting 0%, 17% 2007, 7% avg. Pasture condition 11% very poor, 27% poor, 50% fair, 11% good, 1% excellent. Corn condition 7% very poor, 21% poor, 46% fair, 17% good, 9% excellent; 98% mature, 98% 2007, 99% avg.; harvested for grain 62%, 61% 2007, 65% avg.; harvested for silage 92%, 9% 2007, 74% avg. Soybean condition 12% very poor, 29% poor, 44% fair, 12% good, 3% excellent; turning color 76%, 76% 2007, 74% avg.; 46% dropping leaves, 50% 2007, 58% avg.; 8% harvested, 6% 2007, 6% avg. Barley 22% planted, 26% 2007, 23% avg. Winter wheat 3% planted, 4% 2007, 6% avg.; 1% emerged, 0% 2007, 0% avg. Lima Beans 87% harvested, 60% 2007, 80% avg. Apples 40% harvested, 72% 2007, 68% avg. Mild temperatures aided in harvesting and drying out field corn. Harvest of corn for grain was active and progressed well in Delaware.

FLORIDA: Topsoil moisture 7% very short, 34% short, 48% adequate, 11% surplus. Subsoil moisture 6% very short, 23% short, 60% adequate, 11% surplus. Peanuts 56% harvested, 36% 2007, 44% 5-yr avg. Some peanut fields too dry to harvest. Cotton, soybean harvest began, few counties; most growers expecting good crops. Jefferson County early leaf loss, Asian soybean rust. Field corn, finishing harvest. Some east coast counties, central Peninsula still recovering, excess moisture. Hay baling continued. Jefferson County early pecans dropping, trees holding their foliage. Soil moisture short to adequate northern areas; adequate to surplus most central, southern locations. Vegetable planting continued despite earlier delays, surplus moisture. Several counties, crops planted looked good. Okra, cucumbers, avocados, tomatoes marketed. Citrus trees generally in good condition in well-cared-for groves. Fruit sizes, oranges as large as baseballs; grapefruit slightly larger. Maturity levels reported good on all varieties. Grove owners busy irrigating, mowing middles, pulling vines, cleaning groves, getting ready for harvesting. Workers scout for greening, spraying affected areas to reduce psyllid population. About one-half of packinghouses opened, shipping fruit. Only two processing plants running fruit in small quantities. Varieties packed included early oranges (Navels, Ambersweet, Hamlins), white and colored grapefruit, Fallglo tangerines. Pasture Feed 5% very poor, 10% poor, 45% fair, 35% good, 5% excellent. Cattle Condition 1% very poor, 1% poor, 35% fair, 55% good, 8% excellent. Forage conditions statewide decreased due to cooler weather, drought. Panhandle, north pasture condition poor to good, most fair. Field preparation of winter small grain forage underway, delayed by dry soil. Pasture condition low from drought, rainfall in September short of normal. Summer grass growth slow due to cool nighttime temperatures (50 deg.), shorter days; cooler temperatures also reduced drought stress. Cattle on poor pastures fed supplemental hay. Cattle condition fair to excellent, most good. Central, southwest pasture condition very poor to excellent, most fair to good. Some pastures in very poor condition due to standing water. Pasture condition also varies by intensity of grazing, a management issue. Cattle condition very poor to excellent, most good. Statewide cattle condition very poor to excellent, most in good condition.

GEORGIA: Days suitable for fieldwork 6.8. Topsoil moisture 44% very short, 42% short, 14% adequate, 0% surplus. Soybeans 5% very

poor, 16% poor, 44% fair, 31% good, 4% excellent; 44% dropping leaves, 29% 2007, 49% avg.; 1% harvested, 1% 2007, 4% avg. Apples 4% very poor, 11% poor, 12% fair, 21% good, 52% excellent; 33% harvested, 45% 2007, 49% avg. Hay 14% very poor, 27% poor, 38% fair, 20% good, 1% excellent. Pecans 4% very poor, 14% poor, 42% fair, 37% good, 3% excellent. Corn harvested for grain 96%, 92% 2007, 94% avg. Sorghum harvested for grain 54%, 24% 2007, 46% avg. Winter wheat 3% planted, 3% 2007, 4% avg. Peanuts dug 45%, 22% 2007, 42% avg. Pecans 0% harvested, 1% 2007, 1% avg. Rye planted for all purposes 17%, 18% 2007, 18% avg. Other small grains planted 14%, 12% 2007, 13% avg.

HAWAII: Days suitable for fieldwork 7. Soil moisture ranged from adequate to short. Banana orchards benefited from a mix of sunshine and light to moderate showers. Light to moderate winds and relatively warm temperatures also aided crop growth. Papaya orchards were in fair to good condition. Spraying, to slow insect infestations, was active. Head cabbage plantings were in fair to good condition. Irregular growth was noticed in some fields due to the transition in seasons. Maui's dry onions crop was in fair to good condition. Insect pressure was a concern for some growers. Weather conditions were fair to good for agriculture during the week. The season's first cold front quickly swept through the State on Monday. Light to moderate showers were widespread, but mainly concentrated in windward and interior sections of the islands. A typical trade wind weather pattern developed after the cold front's passage. Some windward parts of the State continued to receive light, daily showers for the remainder of the week. All previously imposed water restrictions remained in effect.

IDAHO: Days suitable for field work 5.9. Topsoil moisture 15% very short, 35% short, 50% adequate, 0% surplus. Field corn harvested for silage 54%, 89% 2007, 88% avg. Onions 90% harvested, 93% 2007, 82% avg. Potato vines killed 99%, 100% 2007, 100% avg.; 52% harvested, 63% 2007, 53% avg.; condition 0% very poor, 1% poor, 11% fair, 82% good, 6% excellent. Dry beans 85% harvested, 94% 2007, 93% avg. Apples 35% harvested, 57% 2007, 60% avg. Alfalfa hay 3rd cutting harvested 94%, 99% 2007, 97% avg.; 4th cutting harvested 58%, 85% 2007, 78% avg. Irrigation water supply 0% very poor, 7% poor, 30% fair, 59% good, 4% excellent. Sugarbeets 2% harvested, 16% 2007, 14% avg. Winter wheat 67% planted, 63% 2007, 62% avg.; 17% emerged, 23% 2007, 21% avg. Range and pasture 5% very poor, 25% poor, 36% fair, 31% good, 3% excellent. Over a quarter of the state's potatoes were harvested last week. The Power County extension educator reported that the sugarbeet harvest started October 1 and potato harvest proceeded with excellent harvest weather. Most of the rain occurred on the weekend, after most of the weekly harvest was complete. The Caribou extension educator reported that fall field work is mostly complete.

ILLINOIS: Days suitable for fieldwork 6.1. Topsoil moisture 1% very short, 8% short, 84% adequate, 7% surplus. Corn 77% mature, 100% 2007, 98% avg.; 10% harvested, 71% 2007, 48% avg. Soybeans shedding leaves 80%, 98% 2007, 95% avg.; 22% harvested, 61% 2007, 47% avg. Sorghum 65% mature, 96% 2007, 89% avg.; 5% harvested, 74% 2007, 41% avg. Winter wheat 10% seeded, 34% 2007, 22% avg.; 3% emerged, 5% 2007, 3% avg. Cooler temperatures and below average precipitation this past week allowed producers to move forward with crop harvest. A small number of fields are still to wet for producers to begin harvesting. Winter wheat seeding is still lagging behind the five-year average. The average temperature was 3.4 degrees below normal. The average weekly precipitation was 0.38 inch below normal.

INDIANA: Days suitable for fieldwork 6.5. Topsoil moisture 18% very short, 40% short, 41% adequate, 1% surplus. Subsoil moisture 14% very short, 37% short, 47% adequate, 2% surplus. Corn 78% mature, 92% 2007, 87% avg.; 15% harvested, 40% 2007, 25% avg.; condition 5% very poor, 13% poor, 30% fair, 39% good, 13% excellent. Soybeans shedding leaves 89%, 94% 2007, 92% avg.; harvested 38%, 42% 2007, 34% avg.; condition 7% very poor, 12% poor, 32% fair, 39% good, 10% excellent. Winter Wheat 24% planted, 29% 2007, 21% avg.; 1% emerged, 5% 2007, 3% avg. Tobacco 86% harvested, 88% 2007, 88% avg. Pasture condition 14% very poor, 25% poor, 38% fair, 20% good, 3% excellent. Livestock remain in mostly good condition. Average temperatures ranged from 60 below normal to 20 above normal, with a high of 860 and a low of 330. Precipitation averaged from 0.00 inches to 0.79 inches. Another dry week allowed farmers to continue harvest at a rapid pace. Wind damaged corn fields are being harvested as quickly as possible before any significant rain comes which will further damage these fields. Soybean harvest also made good progress with widely varying yields being reported. Corn harvest

is running about eight days behind the average pace while soybean harvest has moved about one day ahead of the average pace. Other activities included hauling grain to market, fall tillage, spreading lime and planting wheat.

IOWA: Days suitable for fieldwork 5.9. Topsoil moisture 3% very short, 16% short, 78% adequate, 3% surplus. Subsoil moisture 5% very short, 17% short, 74% adequate, 4% surplus. Corn 97% dented or beyond, 100% avg.; 66% mature, 95% avg.; 3% harvested, 15% avg.; lodging 81% none, 15% light, 4% moderate, ears dropping 86% none, 13% light, 1% moderate, condition 3% very poor, 9% poor, 27% fair, 47% good, 14% excellent. Moisture of corn in the field is 29%; moisture of corn harvested is 25%. Soybeans turning color is 96%, 100% avg.; 84% dropping leaves, 97% avg.; 37% harvest, 56% avg.; lodging rates 82% none, 15% light, 2% moderate, 1% heavy, shattering rates 82% none, 14% light, 4% moderate, condition 3% very poor, 8% poor, 28% fair, 48% good, 13% excellent. Third cutting of alfalfa is 96% complete, 100% average. Pasture condition 4% very poor, 12% poor, 35% fair, 41% good, 8% excellent. Soybean harvest accelerated as mostly dry weather supported field work across the State. The harvest pace was quickest in the northwest, where farmers harvested 46 percent of their soybean crop during the past week. Harvest progress was slower in the southern districts, where farmers combined less than 20 percent of their soybean acres. Corn harvest also progressed in all areas, but the pace was much slower. Most of the corn and soybean crops are mature or nearly mature, but 4 percent of the soybeans are still green and 3 percent of the corn has not dented. Some hay baling continued.

KANSAS: Days suitable for field work 6.7. Topsoil moisture 7% very short, 21% short, 69% adequate, 3% surplus. Subsoil moisture 8% very short, 15% short, 74% adequate, 3% surplus. Sunflowers are 93% ray flowers dry, 98% 2007, 95% avg.; 82% bracts yellow, 85% 2007, 86% avg.; 29% mature, 53% 2007, 55% avg.; condition 5% poor, 28% fair, 59% good, 8% excellent. Fourth cutting of alfalfa is 80% completed, 84% 2007, 83% avg. Feed grain supplies 4% very short, 8% short, 86% adequate, 2% surplus. Hay and forage supplies 1% very short, 10% short, 78% adequate, 11% surplus. Stock water supplies are 1% very short, 4% short, 91% adequate, and 4% surplus. Primary farm activity involved cutting hay, planting wheat, and harvesting corn, soybean, sorghum, and sunflowers.

KENTUCKY: Days suitable for fieldwork 6.6. Topsoil moisture 69% very short, 27% short, 4% adequate. Subsoil moisture 64% very short, 27% short, 9% adequate. Tobacco 3% stripped, 18% ready to strip, 79% not ready. Tobacco housed condition was rated 1% very poor, 10% poor, 29% fair, 45% good, and 15% excellent. Winter wheat seeded 6%, 10% last year, 12% average. Pasture condition 47% very poor, 33% poor, 16% fair, and 4% good. Last week marked the 8th week out of the past 9 in which below normal rainfall was reported.

LOUISIANA: Days suitable for fieldwork 6.8. Soil moisture 5% very short, 29% short, 63% adequate 3% surplus. Corn 100% harvested, 99% 2007, 100% avg. There were reports that elevators are not accepting grain with high moisture content or with excessive damage to grain quality. Hay 96% second cutting, 100% 2007, 99% avg. Sweet potatoes 28% harvested, 43% 2007, 45% avg. Sugarcane 74% planted, 97% 2007, 97% avg.; 5% very poor, 30% poor, 37% fair, 27% good, 1% excellent. Livestock 2% very poor, 11% poor, 33% fair, 49% good, 5% excellent. Vegetables 18% very poor, 19% poor, 44% fair, 17% good, 2% excellent. Range and Pasture 6% very poor, 13% poor, 43% fair, 34% good, and 4% excellent.

MARYLAND: Days suitable for fieldwork 5.8. Topsoil moisture 0% very short, 14% short, 84% adequate, 2% surplus. Subsoil moisture 1% very short, 21% short, 78% adequate, 0% surplus. Hay supplies 6% very short, 14% short, 74% adequate, 6% surplus. Other Hay 3rd cutting 86%, 59% 2007, 75% avg.; 4th cutting 41%, 16% 2007, 38% avg. Alfalfa Hay 4th cutting 78%, 88% 2007, 74% avg.; 5th cutting 14%, 14% 2007, 7% avg. Pasture condition 1% very poor, 12% poor, 38% fair, 44% good, 5% excellent. Corn condition 2% very poor, 12% poor, 34% fair, 37% good, 15% excellent; 96% mature, 95% 2007, 94% avg.; harvested for grain 62%, 54% 2007, 50% avg.; harvested for silage 92%, 49% 2007, 80% avg. Soybean condition 8% very poor, 20% poor, 30% fair, 36% good, 6% excellent; turning color 85%, 77% 2007, 75% avg.; 67% dropping leaves, 52% 2007, 51% avg.; 9% harvested, 9% 2007, 10% avg. Barley 54% planted, 43% 2007, 39% avg. Winter wheat 14% planted, 21% 2007, 17% avg. Lima Beans 88% harvested, 68% 2007, 81% avg. Apples 80% harvested, 86% 2007, 72% avg. Mild temperatures aided in harvesting and drying out field corn. Harvest of corn for grain was active and progressed well in Maryland.

MICHIGAN: Days suitable for fieldwork 5. Topsoil 3% very short,

12% short, 73% adequate, 12% surplus. Subsoil 6% very short, 14% short, 73% adequate, 7% surplus. Corn silage harvested 89%, 96% 2007, 90% avg. Potatoes 58% harvested, 58% 2007. All hay 5% very poor, 14% poor, 25% fair, 45% good, 11% excellent. Third cutting hay 88%, 92% 2007, 91% avg.; Fourth cutting hay 38%, 45% 2007, 39% avg. Dry beans 6% very poor, 6% poor, 21% fair, 51% good, 16% excellent; 99% dropping leaves, 99% 2007, 100% avg.; 49% harvested, 86% 2007, 83% avg. Apples 50% harvested, 70% 2007. Precipitation varied from 0.26 inches Lower Peninsula to 0.97 inches eastern Upper Peninsula. Average temperatures ranged from 7 degrees below normal southwestern and south central Lower Peninsula to 3 degrees below normal eastern Upper Peninsula. Frost experienced late in week across State. Cool temperatures, along with light rain, limited fieldwork somewhat. Cool temperatures and frost slowed or stopped crop growth. Corn harvest underway some areas, while elsewhere farmers waited for crop to dry down. Harvest of silage continued. Soybean leaves have dropped for most part, and harvest progressed at average pace. Alfalfa harvest continued where conditions allowed; growers cut for a third or fourth time. For some, potential for a fourth cutting may not be achieved due to slow regrowth. Dry beans dropped their leaves, and harvest about halfway complete. Winter wheat planting continued and light rains helped to germinate crop. Sugarbeet harvest continued. Apple harvest continued across State. Southwest, harvest of Red Delicious neared completion; Golden Delicious harvest main focus. Harvest of Redcort, Empire, Jonathan, and Jonagold varieties underway southeast. Harvest of Gala variety began many orchards northwest. Niagara grape harvest completed southwest. Rain limited vegetable fieldwork. A frost late week damaged vegetables not covered. For many crops, frost ended growing season. Carrot harvest delayed by rain but moving along. Pumpkin harvest progressed at a rapid pace. Growers finding smaller fruits and lower numbers than anticipated. Snap beans reported having good yields. Processed tomato harvest neared completion due to recent unfavorable weather conditions. Potato harvest continued at a steady rate. Celery and onion harvest continued fresh and processing markets.

MINNESOTA: Days suitable for fieldwork 6.0. Topsoil moisture 7% very short, 22% short, 66% adequate, 5% surplus. Corn 92% silage cut, 97% 2007, 90% avg.; 28% moisture, 21% 2007, 23% avg. Soybeans 85% mature, 97% 2007, 89% avg.; 13% moisture, 12% 2007, 13% avg. Potatoes 73% harvested, 79% 2007, 76% avg. Canola 96% harvested, 100% 2007, 98% avg. Sweet Corn 96% harvested, 100% 2007, 98% avg. Dry Edible Beans 90% harvested, 83% 2007, 78% avg. Pasture condition 8% very poor, 19% poor, 33% fair, 35% good, 5% excellent. Sugarbeet condition 2% very poor, 2% poor, 18% fair, 37% good, 41% excellent. Sunflower condition 1% very poor, 4% poor, 17% fair, 63% good, 15% excellent. Minnesota's soybean harvest progressed rapidly this past week. Nearly 40 percent of the soybean crop was harvested during the week ending October 5. The majority of the corn crop had reached the mature stage of development. Canola and sweet corn harvests were nearly complete. The average temperature for the week was 50.5°, 1.8° below normal.

MISSISSIPPI: Days suitable for fieldwork 6.9. Soil moisture 2% very short, 25% short, 71% adequate, 2% surplus. Corn 100% mature, 100% 2007, 100% avg.; 95% harvested, 99% 2007, 99% avg.; 100% silage harvested, 100% 2007, 100% avg.; 9% very poor, 16% poor, 20% fair, 40% good, 15% excellent. Cotton 92% open bolls, 99% 2007, 97% avg.; 13% harvested, 55% 2007, 52% avg.; 7% very poor, 10% poor, 29% fair, 43% good, 11% excellent. Peanuts 45% harvested, 42% 2007, 0% very poor, 10% poor, 24% fair, 56% good, 10% excellent. Rice 98% mature, 100% 2007, 100% avg.; 72% harvested, 96% 2007, 91% avg.; 0% very poor, 3% poor, 12% fair, 50% good, 35% excellent. Sorghum 100% turning color, 100% 2007, 100% avg.; 98% mature, 100% 2007, 100% avg.; 81% harvested, 98% 2007, 99% avg.; 100% silage harvested, 1% very poor, 6% poor, 15% fair, 54% good, 24% excellent. Soybeans 96% turning color, 100% 2007, 100% avg.; 86% shedding leaves, 97% 2007, 97% avg.; 60% harvested, 72% 2007, 84% avg.; 6% very poor, 12% poor, 32% fair, 37% good, 13% excellent. Winter Wheat 1% planted, 1% 2007, 13% avg.; 0% emerged, 0% 2007, 5% avg.; Hay (harvested-warm) 98%, 98% 2007, 97% avg. Sweetpotatoes 55% harvested, 62% 2007, 63% avg.; 0% very poor, 5% poor, 10% fair, 75 good, 10% excellent. Pasture 3% very poor, 4% poor, 28% fair, 59% good, 6% excellent. Two consecutive weeks of favorable weather conditions have amped up row crop harvesting activities and fall tillage, but some growers are discovering weather-related grain damage as harvesting progresses. The cooler weather has slowed forage planting and growth in various areas around the state. Producers have begun defoliating and harvesting

cotton in some fields.

MISSOURI: Days suitable for fieldwork 6.7. Topsoil moisture 2% very short, 18% short, 74% adequate, 6% surplus. Pasture condition 1% very poor, 6% poor, 29% fair, 55% good, 9% excellent. Hay supply 4% short, 84% adequate, 12% surplus. Stock water supply 2% short, 90% adequate, 8% surplus. Fall tillage is 9% complete. Soybean harvest has begun in most areas across the State. Reporters in the northeast district continued to comment that moisture levels are high, although dry conditions persist in the south-central district. Temperatures during the past week ranged from near normal to 5 degrees below normal over most of the State. Rainfall for the week averaged 0.20 inches for the State. All districts received about one-half inch or less. Activities corn, soybean, sorghum, rice, cotton harvest; winter wheat planting; fall tillage; care of livestock.

MONTANA: Days suitable for field work 6.3. Topsoil moisture 13% very short, 11% last year, 23% short, 37% last year, 62% adequate, 49% last year, 2% surplus, 3% last year. Subsoil moisture 22% very short, 36% last year, 34% short, 33% last year, 43% adequate, 30% last year, 1% surplus, 1% last year. Barley 98% harvested, 100% last year. Spring wheat 99% harvested, 100% last year. Winter wheat 82% planted, 78% last year, 28% emerged, 33% last year. Durum wheat 92% harvested, 100% last year. Lentils 96% harvested, 100% last year. All other hay second cutting 88% complete, 94% last year. Corn chopped for silage 79%, 97% last year, corn for grain 2%, 8% last year. Corn condition 1% very poor, 1% last year, 2% poor, 2% last year, 16% fair, 7% last year, 62% good, 73% last year, 19% excellent, 17% last year. Sugar beets 10% harvested, 20% last year. Sugar beets condition 1% very poor, 0% last year, 10% poor, 1% last year, 18% fair, 7% last year, 53% good, 72% last year, 18% excellent, 20% last year. The state received light precipitation for the week ending October 5th. St. Ignatius received the most weekly accumulated precipitation at 0.63 of an inch. Highs were mostly in the 70s to 80s, and lows were mostly in the 20s and 30s. Martinsdale and Hardin shared the high temperature of 87 degrees, and Wisdom had the low of 19 degrees. Range and pasture feed condition 10% very poor, 16% last year, 18% poor, 22% last year, 38% fair, 35% last year, 31% good, 24% last year, 3% excellent, 3% last year. Cattle and calves moved from summer ranges 51% complete, 38% last year. Sheep and lambs moved from summer ranges 58% complete, 37% last year. Cattle and calves receiving supplemental feed 4%. Sheep and lambs receiving supplemental 2% feed.

NEBRASKA: Days suitable for fieldwork 6.6. Topsoil moisture 4% very short, 30% short, 65% adequate, 1% surplus. Subsoil moisture 9% very short, 29% short, 61% adequate, 1% surplus. Overall corn conditions 2% very poor, 4% poor, 18% fair, 57% good, 19% excellent. Irrigated corn conditions 1% very poor, 2% poor, 15% fair, 61% good, 21% excellent. Dryland corn conditions 2% very poor, 7% poor, 22% fair, 51% good, 18% excellent; 63% mature, 90% 2007, 85% avg.; 9% harvested, 25% 2007, 19% avg. Soybean conditions 1% very poor, 6% poor, 24% fair, 58 good, 11% excellent; 98% turning color, 100% 2007, 100% avg.; 87% dropping leaves, 93% 2007, 95% avg.; 32% harvested, 28% 2007, 40% avg. Sorghum conditions 1% very poor, 4% poor, 21% fair, 54% good, 20% excellent; 96% turning color, 100% 2007, 100% avg.; 34% mature, 88% 2007, 77% avg.; 2% harvested, 10% 2007, 12% avg. Winter wheat 85% seeded, 87% 2007, 88% avg.; 53% emerged, 59% 2007, 61% avg. Proso millet 70% harvested, 91% 2007, 75% avg. Dry Bean conditions 0% very poor, 5% poor, 28% fair, 57% good, 10% excellent; 100% turning color, 100% 2007, 100% avg.; 100% dropping leaves, 100% 2007, 94% avg.; 74% harvested, 92% 2007, 69% avg. Alfalfa 71% 4th cutting, 79% 2007, 81% avg. Pasture and Range conditions 3% very poor, 12% poor, 27% fair, 49% good, and 9% excellent. The warm weather continues to aid harvest and crop progress. Corn moisture levels are still high in many areas and are keeping harvest at a slow pace. Most of the early planted soybeans have been harvested ahead of last year, and producers are now waiting for the replanted beans moisture levels to come down to finish. In the west dry bean harvest was in full swing, and sugar beets were beginning to be harvested as well. Temperatures averaged 2 degrees above normal across the state. Highs were near 80 and the Northeast saw lows near freezing. The Northeast and East Central Districts had precipitation over a quarter of an inch.

NEVADA: Days suitable for fieldwork 7. Alfalfa is in generally good condition throughout the state. Livestock are in predominately good condition as cattle are being moved back to the ranch from summer pastures. Onions are in good to very good condition with harvest underway. Garlic, alfalfa seed, and mint harvests are underway. Potato harvest has started. Main farm and ranch activities include irrigation,

harvest of hay, weed control, equipment maintenance, and planting of fall-seeded crops. Mild temperatures and some precipitation were recorded during the week. Temperatures averaged from three to seven degrees above normal across the state. The week's high temperatures ranged from 79 degrees in Ely to 96 degrees in Las Vegas. The week's low temperatures ranged from 30 degrees in Ely to 58 degrees in Las Vegas. Precipitation was recorded over most of the state. Elko had the most precipitation with 0.44 inches recorded.

NEW ENGLAND: Days suitable for field work 5.2. Topsoil moisture 6% short, 73% adequate, 21% surplus. Subsoil moisture 1% very short, 4% short, 72% adequate, 23% surplus. Pasture condition 1% very poor, 1% poor, 34% fair, 60% good, 4% excellent. Maine Potatoes 70% harvested, 85% 2007, 75% average; condition fair/good. Rhode Island Potatoes 100% harvested, 95% 2007, 95% average; condition good/excellent. Massachusetts Potatoes 75% harvested, 85% 2007, 75% average; condition good. Maine Oats 95% harvested, 99% 2007, 95% average; condition good/fair. Maine Barley 100% harvested, 100% 2007, 95% average; condition fair/good. Field Corn 70% harvested, 75% 2007, 70% average; condition good/fair in Vermont and good/excellent elsewhere. Sweet Corn 99% harvested, 99% 2007, 99% 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 75% harvested, 85% 2007, 85% average; condition good/excellent in Vermont and good/fair elsewhere. Apples 70% harvested, 65% 2007, 70% 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. Pears 90% harvested, 80% 2007, 80% average; Fruit Size average; condition good/fair. Massachusetts Cranberries 25% harvested, 35% 2007, 35% average; Fruit Size average/above average; condition good. The week began cloudy with average to above average temperatures. Highs were in the low 60s to low 70s with lows in the upper 40s to low 60s. Rain and wind moved into the region mid-week where areas saw anywhere between 0.10 and 4.00 inches of rain over three days. Rain halted field work in most areas and the winds caused minor apple drop. Temperatures cooled down for the weekend. Highs were in the low 50s to low 60s with lows in the low 30s to mid-40s. Crop specialists reported more frosts during the weekend with some areas of the south seeing their first. The week ended with mostly cloudy skies and light rain around New England. Major farm activities included cutting hay, chopping field corn, harvesting oats, barley, potatoes, apples, pears, and fall vegetables, spreading manure, disking and planting cover crops, and pulling plastic off vegetable fields.

NEW JERSEY: Days suitable for field work 6.0. Topsoil moisture 10% short, 90% adequate. Subsoil moisture 20% short, 80% adequate. There were measurable amounts of rainfall for the week in all localities. Temperatures were variable during the week across the Garden State. Producers continued chopping corn for silage and harvesting for grain. Hay production increased in some localities, but was slowed by inclement weather in the central district. Apple harvesting continued in central and south Jersey with red and golden-delicious varieties available. Pumpkin conditions were mostly good as Halloween season nears. Cranberry harvesting began in the central district. Other activities included planting cover-crops, harvesting fall vegetables, and clearing fields.

NEW MEXICO: Days suitable for fieldwork 6.5. Topsoil moisture 14% very short, 42% short, 44% adequate. Wind damage 5% light, 1% moderate. Farmers are getting winter crops planted. Alfalfa 4% poor, 25% fair, 60% good, 11% excellent; fifth cutting 73% complete, sixth cutting 16%. Cotton 11% fair, 59% good, 30% excellent; 50% bolls open. Corn 8% fair, 67% good, 25% excellent; 97% dent, 68% mature, 7% grain harvested. Irrigated sorghum 90% good, 10% excellent; 83% coloring, 26% mature. Dry sorghum 5% poor, 69% fair, 25% good, 1% excellent; 97% headed, 66% coloring, 15% mature. Peanuts 5% poor, 75% fair, 20% good; 35% harvested. Chile conditions 11% poor, 34% fair, 40% good, 15% excellent; 94% harvested green, 27% harvested red. Pecans 20% fair, 53% good, 27% excellent. Ranchers are beginning to gather and ship cattle. Cattle 4% poor, 21% fair, 58% good, 17% excellent. Sheep 5% very poor, 11% poor, 17% fair, 51% good, 16% excellent. Range and pasture 3% very poor, 12% poor, 35% fair, 34% good, 16% excellent. Tranquil and rather uneventful weather was observed across New Mexico during the early part of the week. A strong upper level disturbance passed over New Mexico during the weekend, bringing heavy rain and some thunderstorms to the state. Some of the highest rainfall amounts were reported in the

Albuquerque area where generally between one and two inches of rain fell Saturday evening and Sunday.

NEW YORK: Days suitable for fieldwork 4.3. Soil moisture 2% short, 82% adequate, 16% surplus. Pasture condition 4% poor, 25% fair, 55% good, 16% excellent. Corn condition 3% poor, 13% fair, 50% good, 34% excellent. Hay 9% poor, 23% fair, 51% good, 17% excellent. Third cutting of alfalfa 95%, 93% average. Silage corn 61%, 66% average. Potatoes 81%, 79% average. Dry beans 46%, 38% average. Soybeans 14%, 18% 2007, 13% average. Grain corn 7%, 8% 2007, 12% average. Apple condition 20% poor, 31% fair, 32% good, 17% excellent. Grapes 10% poor, 18% fair, 62% good, 10% excellent. Peaches 35% poor, 16% fair, 49% good, 98% harvested, 99% average. Pears 35% poor, 22% fair, 40% good, 3% excellent; 90%, 92% average. Apples 61%, 60% average. Grapes 69%, 48% average. In the Finger Lakes region, there were significantly higher downy mildew and botrytis infection levels in certain areas due to the wet weather. In the Hudson Valley, the quality of harvested grapes remained excellent despite the intermittent wet weather. Sweet corn condition 6% poor, 16% fair, 58% good, 20% excellent. Snap beans 6% poor, 24% fair, 63% good, 7% excellent. Onions 14% fair, 81% good, 5% excellent; 90%, 97% 2007. Cabbage 2% poor, 21% fair, 67% good, 10% excellent; 78%, 94% 2007. Tomatoes 19% poor, 37% fair, 42% good, 2% excellent; 91% harvest, 95% 2007. Lettuce 15% poor, 32% fair, 53% good. Cucumbers 8% poor, 54% fair, 38% good. Sweet corn 95%, 96% 2007. Snap beans 98%, 99% 2007. Temperatures averaged near normal for the week while precipitation was above normal throughout the state.

NORTH CAROLINA: Days suitable for field work 5.7. Soil moisture 8% very short, 16% short, 66% adequate and 10% surplus. Activities during the week included the harvesting of hay, corn for grain, corn for silage, peanuts, apples, sweetpotatoes, sorghum and tobacco, marketing livestock, and preparing land for small grain plantings. North Carolina received scattered showers with some reports of hail in the Western Mountain Region. Precipitation ranged from no rain in Asheville, Jefferson, Lincolnton and Mount Airy to 2.91 inches in Aurora. Average temperatures ranged from 50 to 69 degrees. The Mountain Region is still under stress from the drought; while the Piedmont and Coastal Regions are reporting favorable weather conditions for the harvesting of corn, tobacco, and sweetpotatoes and the preparation to harvest cotton and peanuts.

NORTH DAKOTA: Days suitable for fieldwork 5.9. Topsoil moisture 15% very short, 18% short, 61% adequate, 6% surplus. Subsoil moisture 21% very short, 22% short, 53% adequate, 4% surplus. Corn 76% for silage cut, 89% 2007, 88% average. Dry edible 83% beans cut, 91% 2007, 86% avg.; 65% harvested, 78% 2007, 75% avg.; condition 9% poor, 31% fair, 45% good, 15% excellent. Flaxseed 93% harvested, 99% 2007, 93% average. Potatoes 98% vines killed, 99% 2007, 99% avg.; 80% dug, 82% 2007, 79% average. Sugarbeets condition 1% very poor, 3% poor, 6% fair, 62% good, 28% excellent. Sunflowers 68% bracts turned brown, 86% 2007; condition 1% very poor, 4% poor, 33% fair, 50% good, 12% excellent. Stockwater supplies 20% very short, 24% short, 54% adequate, 2% surplus. Dry conditions with near to above normal temperatures allowed producers to make good harvest progress until showers swept through the state last week. A light frost was reported in isolated areas in the northeastern corner of the state. A killing frost is needed to help dry down corn, soybeans and sunflowers, according to reporters.

OHIO: Days suitable for field work 5.7. Topsoil moisture 31% very short, 39% short, 29% adequate, 1% surplus. Corn 82% mature, 83% 2007, 77% avg.; harvested for grain 15%, 14% 2007, 10% avg.; 93% silage harvested, 94% 2007, 88% avg.; condition 9% very poor, 22% poor, 37% fair, 26% good, 6% excellent. Soybeans 75% mature, 81% 2007, 71% avg.; 36% harvested, 30% 2007, 27% avg.; condition 10% very poor, 23% poor, 40% fair, 23% good, 4% excellent. Winter Wheat 39% planted, 32% 2007, 23% avg.; 4% emerged, 6% 2007, 2% avg. Apples harvested (Fall & Winter) 55%, 54% 2007, 55% avg. Grapes 64% harvested, 62% 2007, 56% avg. Potatoes 89% harvested, 86% 2007, 87% avg. Processing tomatoes harvested 90%, 89% 2007, 90% avg. Alfalfa hay 4th cutting 84%, 86% 2007, 74% avg. Livestock condition 0% very poor, 3% poor, 22% fair, 64% good, 11% excellent. Pasture condition 14% very poor, 27% poor, 35% fair, 22% 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 harvest of fall and winter apples, grapes, potatoes, and processing tomatoes. Other field activities include fall tillage, baling and chopping alfalfa, and hauling of grain.

OKLAHOMA: Days suitable for fieldwork 6.6. Topsoil moisture 11% very short, 39% short, 48% adequate, 2% surplus. Subsoil moisture 10% very short, 30% short, 58% adequate, 2% surplus. Wheat seedbed prepared 93% this week, 88% last week, 94% last year, 95% average. Rye seedbed prepared 98% this week, 94% last week, 94% last year, 97% average; 86% planted this week, 70% last week, 70% last year, 82% average; 61% emerged this week, N/A last week, 34% last year, 52% average. Oats seedbed prepared 70% this week, 60% last week, 77% last year, 77% average; 27% planted this week, 11% last week, 27% last year, 30% average. Corn condition 1% very poor 5% poor, 21% fair, 68% good, 5% excellent; 88% mature this week, 84% last week, 99% last year, 99% average; 57% harvested this week, 46% last week, 90% last year, 82% average. Sorghum 94% headed this week, 91% last week, 100% last year, N/A average. Soybeans condition 1% very poor, 10% poor, 43% fair, 41% good, 5% excellent; 39% mature this week, 27% last week, 39% last year, 61% average; 13% harvested this week, N/A last week, 14% last year, 33% average. Peanuts 74% mature this week, 49% last week, 70% last year, 77% average; 23% dug this week, N/A last week, 25% last year, 19% average. Alfalfa condition 2% very poor, 7% poor, 40% fair, 44% good, 7% excellent; 5th cutting 69% this week, 51% last week, 57% last year, 61% average. Other hay condition 3% very poor, 10% poor, 35% fair, 42% good, 10% excellent; 2nd cutting 79% this week, 75% last week, 81% last year, 82% average. Livestock condition 1% very poor, 3% poor, 23% fair, 56% good, 17% excellent. Pasture and range condition 2% very poor, 8% poor, 34% fair, 47% good, 9% excellent. Livestock; Prices for feeder steers less than 800 pounds averaged \$105 per cwt. Prices for heifers less than 800 pounds averaged \$97 per cwt. Livestock conditions were rated mostly in the good to fair range with mostly light to moderate insect activity reported.

OREGON: Days suitable for field work 5.3. Top soil moisture 17% very short, 34% short, 47% adequate, 2% surplus. Sub soil moisture 29% very short, 48% short, 23% adequate. Corn condition 35% fair, 59% good, 6% excellent. Range, pasture condition 21% very poor, 31% poor, 35% fair, 13% good. Winter Wheat 35% planted, 60% previous year, 48% 5-year average. Alfalfa third cutting 97%, 100% previous year, 98% 5-year average. Weather; Conditions were generally warm, dry to begin the week, but quickly became cool, wet by midweek. High temperatures ranged from 96 degrees in Medford, down to 67 degrees in Crescent City, Florence. Low temperatures ranged from 51 degrees in Portland, Medford, down to 29 degrees in Christmas Valley. All forty-three weather stations reported measurable precipitation. Detroit Lake received the most with 2.76 total inches, followed by Florence, Astoria/Clatsop with 2.59 & 2.55 total inches respectively. In the north central portion of the State, Parkdale reported more than an inch. Most areas throughout the State received above normal rainfall, experienced above average temperatures last week. Field Crops; Recent fall rains delayed some field work last week, but was welcomed as it will improve already seeded winter wheat fields. Statewide, winter wheat has progress to 35 percent planted, while emergence is at 3 percent. The third cutting of alfalfa hay was nearly complete across the State. Hay, corn silage harvesting will continue as weather permits. Grass seed fields in Marion County were fertilized. Vegetables; Rainfall last week slowed down the ongoing harvest of sweet corn, fall squash, pumpkins, other late summer vegetables throughout the State. Truck gardens in Josephine County were reported as still going strong with their late-season vegetable crops. Pumpkins were springing up all over in preparation for the upcoming holiday. Fruits, Nuts; Apple, pear harvest was ongoing. Wine grape harvest began in some areas, but was rain delayed in others. Some hazelnuts were harvested before the rains began; harvest should resume this week. Nurseries, Greenhouses; Although sales were reported, nurseries continued to primarily focus on stock upkeep last week. Greenhouses continued with fall starts, both vegetables, decorative plants. Livestock, Range, Pasture. Rains across the State helped green up fall pastures, though some more moisture would be appreciated. Calves continued to be weaned, marked, & given their shots.

PENNSYLVANIA: Days suitable for fieldwork 5. Soil moisture 10% very short, 20% short, 64% adequate, 6% surplus. Fall 51% plowing complete, 56% 2007, 49% avg. Corn 97% dent, 99% 2007, 94% avg.; 78% mature, 81% 2007, 75% avg.; silage 88% harvested, 93% 2007, 86% avg.; 28% harvested, 28% 2007, 30% avg.; condition 9% poor, 18% fair, 55% good, 18% excellent. Soybean condition 1% very poor, 5% poor, 24% fair, 57% good, 13% excellent; 10% harvested, 17% 2007, 11% avg. Winter wheat 34% planted, 39% 2007, 37% avg.; 15% emerged, 18% 2007, 15% avg. Barley 49% planted, 57% 2007, 58% avg.; 29% emerged, 26% 2007, 31% avg. Tobacco 95% harvested,

98% 2007, 98% avg. Potatoes 81% harvested, 82% 2007, 86% avg. Alfalfa fourth cutting 87% complete, 70% 2007, 64% avg. Apple crop condition 2% poor, 25% fair, 50% good, 23% excellent; 57% harvested, 75% 2007, 67% avg. Grapes 45% harvested, 31% 2007, 32% avg. Quality of hay made 3% very poor, 1% poor, 29% fair, 55% good, 12% excellent. Pasture conditions 29% very poor, 14% poor, 29% fair, 25% good, 3% excellent. Cool, fall weather has arrived in Pennsylvania. 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 continued and is 51 percent complete. Farmers also took some time off from their busy schedules to attend the National Apple Harvest Festival in Adams County over the weekend.

SOUTH CAROLINA: Days suitable for fieldwork 6.3. Soil moisture 8% very short, 44% short, 46% adequate, 2% surplus. Soybeans 12% very poor, 23% poor, 30% fair, 29% good, 6% excellent; 100% pods set, 97% 2007, 99% avg.; leaves turning color 32%, 44% 2007, 45% avg.; leaves dropped 12%, 17% 2007, 16% avg.; 5% mature, 5% 2007, 7% avg.; 1% harvested, 0% 2007, 1% avg. Sorghum 22% very poor, 41% poor, 17% fair, 20% good, 0% excellent; turned color 97%, 98% 2007, 99% avg.; 80% matured, 86% 2007, 86% avg.; 50% harvested, 65% 2007, 61% avg. Cotton 5% very poor, 12% poor, 46% fair, 33% good, 4% excellent; bolls opened 82%, 89% 2007, 79% avg.; 5% harvested, 17% 2007, 12% avg. Peanuts 0% very poor, 1% poor, 39% fair, 44% good, 16% excellent; 28% harvested, 30% 2007, 33% avg. Pasture condition 8% very poor, 22% poor, 45% fair, 24% good, 1% excellent. Sweetpotatoes 10% very poor, 20% poor, 20% fair, 50% good, 0% excellent; 21% harvested, 32% 2007, 36% avg. Apples 0% very poor, 5% poor, 60% fair, 35% good, 0% excellent; 60% harvested, 59% 2007, 68% avg. Livestock condition 1% very poor, 15% poor, 46% fair, 31% good, 7% excellent. Corn 97% harvested, 98% 2007, 97% avg. Winter wheat 5% planted, 2% 2007, 12% avg. Oats 7% planted, 0% 2007, 8% avg. Tobacco 100% harvested, 100% 2007, 100% avg.; stalks destroyed 92%, 88% 2007, 89% avg. Winter grazings 44% planted, 26% 2007, 37% avg.; 8% emerged, 0% 2007, 6% avg.

SOUTH DAKOTA: Days suitable for fieldwork 6.0. Topsoil moisture 8% very short, 31% short, 56% adequate, 5% surplus. Subsoil moisture 9% very short, 29% short, 58% adequate, 4% surplus. Corn silage 86% harvested, 95% 2007, 94% avg. Sorghum silage 89% harvested, 94% 2007, 91% avg. Soybeans 83% mature, 83% 2007, 84% avg. Sunflower bracts yellow 96%, 99% 2007, 94% avg.; 27% mature, 62% 2007, 58% avg.; 1% very poor, 10% poor, 17% fair, 59% good, 13% excellent. Alfalfa hay 2% very poor, 4% poor, 21% fair, 55% good, 18% excellent. Feed supplies 5% short, 77% adequate, 18% surplus. Stock water supplies 2% very short, 15% short, 72% adequate, 11% surplus. Cattle condition 1% poor, 10% fair, 67% good, 22% excellent. Sheep condition 1% poor, 7% fair, 68% good, 24% excellent. Warm and dry weather has allowed crop maturity and row crops harvest progress to proceed quickly, but is causing concern about dry pastures in some parts of South Dakota.

TENNESSEE: Days suitable for fieldwork 7. Topsoil moisture 39% very short, 45% short, 16% adequate. Subsoil moisture 40% very short, 41% short, 19% adequate. Winter wheat 6% seeded, 11% 2007, 9% avg. Burley tobacco 85% harvested, 94% 2007, 94% avg. Dark fire-cured tobacco 95% harvested, 94% 2007, 94% avg. Cattle 1% very poor, 11% poor, 38% fair, 40% good, 10% excellent. Pastures 22% very poor, 35% poor, 31% fair, 12% good, Hay 7% very poor, 19% poor, 46% fair, 25% good, 3% excellent. Dry conditions persisted across the state last week. Harvest of fall crops made excellent progress, but winter wheat and pasture seedings were slowed due to the lack of rainfall. Fall seeded crops, pastures and hay fields are all suffering from the lack of much needed rainfall. Temperatures for the week were above normal despite the mid-week cool down. Rainfall was well below normal across all of the state.

TEXAS: Top soil moisture was mostly short to adequate statewide. Corn condition was mostly fair to good statewide. Cotton condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Wheat condition was mostly fair to good statewide, while oat condition was mostly very poor to poor statewide. Soybean condition was mostly fair to good statewide. Range and pasture condition was mostly fair to good statewide. Many producers across the state received their first real experience of fall weather, as night temperatures dropped considerably. In some areas of North East Texas and the Trans-Pecos, temperatures even dropped to the 40-50 degree range. However, sunshine and warmer temperatures were

prevalent across most regions of the state during the day. Cleanup from the damage caused by Hurricane Ike was still ongoing in some areas of the state, as evidence of tree debris and damaged agricultural infrastructure remained. Planting of wheat was slowed in the Northern Plains, as many fields have become too dry to resume activities. The last few weeks of warm temperatures have contributed the progression cotton in the Southern High Plains and Northern Low Plains. However, producers in these two areas grew worried about the possibilities and damaging effects of an early freeze, as more heat units are still needed. In the Northern Low Plains, some cotton producers have been given permission by insurance adjusters to destroy their current crop because of poor conditions. Blackspot diseases in pecans began to increase in some areas of the state. Populations of armyworms continued to increase in the Cross Timbers, causing widespread damage to hay meadows and pastures. As a result, baling of hay increased as producers tried to escape these detrimental effects.

UTAH: Days suitable for field work 6. Subsoil moisture 17% very short, 38% short, 45% adequate, 0% surplus. Winter Wheat, Planted For Harvest Next Year 67%, 58% 2007, 66% avg. Barley harvested (grain) 100%, 100% 2007, 100% avg.; Condition 0% very poor, 1% poor, 21% fair, 65% good, 13% excellent. Oats harvested (grain) 100%, 100% 2007, 100% avg. Corn 89% dent, 95% 2007, 96% avg.; 61% mature, 86% 2007, 77% avg.; height 106 inches, 100 inches 2007, 100 inches avg. Alfalfa height 32%, 36% 2007. Alfalfa Hay 3rd Cutting 96%, 100% 2007, 100% avg.; 4th Cutting 27%, 72% 2007, 69% avg. Onions 67% harvested, 89% 2007, 80% avg. Cattle and calves moved From Summer Range 34%, 74% 2007, 54% avg. Sheep and lambs moved From Summer Range 36%, 57% 2007, 54% avg. Stock Water Supplies 12% very short, 28% short, 60% adequate, 0% surplus. Apples 49% harvested, 65% 2007, 66% avg. Apricots 99% harvested, 100% 2007. Peaches 97% harvested, 97% 2007, 99% avg. Pears 65% harvested, 89% 2007, 97% avg. The days are getting colder and the fall harvest for many commodities is almost complete. Livestock continue to do well. Box Elder County reports a storm moved into the area on Friday night and dropped gentle and widespread precipitation to the county. The rainfall might cause a delay in the harvesting of alfalfa hay, corn, and onions. Fortunately, producers will still be able to finish the planting of fall wheat and the moisture will give a boost that the grain that is already planted. Much of the fall wheat planted in the Bear River Valley has emerged and some dry land wheat on the east side of the county has emerged also. Cache County reports corn silage harvest continues in earnest. Farmers are reporting good yields. Winter wheat plantings will benefit from two days of rain. Growers are grateful for the rains which will enhance fall plowing and livestock grazing. Local farmers are hoping for several more weeks before really cold weather sets in. Most farmers have begun chopping silage corn. Tooele reports silage corn harvest is nearing completion. Sevier County reports recent rains have brought much needed moisture. Emery County reports rainstorms over the weekend were very beneficial to their area. Mountains received great amounts of rainfall and some snowfall at highest elevations. Most crop activities within the county are nearing completion for the year. Summit County reports some fourth cutting of alfalfa is taking place in lower elevations while the dry weather has dried out pasture and range grasses. Beaver County reports farmers are finishing 3rd crop hay while reports indicate that there will be no 4th crop in the county this year. Box Elder reports livestock producers are gathering cattle and sheep from the summer ranges and are moving them to fall pastures. Emery County reports cattle and sheep are being moved off of summer ranges now. Summit reports livestock producers beginning to ship calves and lambs to feedlots. Beaver County reports ranchers gathering up cattle and getting calves ready to sell.

VIRGINIA: Days suitable for fieldwork 5.8. Topsoil moisture 6% very short, 20% short, 70% adequate, 4% surplus. Subsoil moisture 15% very short, 25% short, 59% adequate, 1% surplus. Pasture 5% very poor, 17% poor, 35% fair, 39% good, 4% excellent. Livestock 3% poor, 24% fair, 64% good, 9% excellent. Other Hay 3% very poor, 24% poor, 32% fair, 40% good, 1% excellent. Alfalfa Hay 17% poor, 26% fair, 51% good, 6% excellent. Corn 94% mature, 99% 2007; 92% avg.; 48% harvested, 69% 2007; 55% avg.; silage harvested 90%; 100% 2007; 94% avg.; condition 10% very poor, 20% poor, 25% fair, 34% good, 11% excellent. Soybeans 49% dropping leaves, 61% 2007; 60% avg.; 1% harvested, 9% 2007; 6% avg.; condition 6% very poor, 19% poor, 37% fair, 31% good, 7% excellent. Winter Wheat Seeded 12%; 9% 2007; 11% avg. Barley 40% Seeded, 36% 2007; 33% avg. Flue-cured Tobacco 60% harvested, 89% 2007; 92% avg. Burley Tobacco 84% harvested, 94% 2007; 95% avg. Peanuts dug 8%; 48% 2007; 37%

avg.; combined 4%; 34% 2007; 23% avg.; condition 10% poor, 47% fair, 36% good; 7% excellent. Cotton 90% bolls opening, 100% 2007; 89% avg.; 10% harvested, 22% 2007; 14% avg.; condition 11% poor, 48% fair, 30% good, 11% excellent. Fall Apples 63% harvested, 81% 2007; 78% avg. Apples winter 32%; 33% 2007; 30% avg. Grapes 2% fair, 82% good, 16% excellent. Oats for grain seeded 26%. More rain for the Commonwealth this week. Most of the State received between 1 to 5 inches of rain. Frost was reported in southwestern Virginia. The rain improved late planted soybeans, pastureland, and hay field conditions. The current rain showers and a slow start back in spring delayed crop progress. Corn harvested for grain is 7 percent behind normal, peanuts combined is 19 percent behind normal, and flue-cured tobacco is 32 percent behind for this time of year. Tobacco growers are concerned that they will not be able to complete the harvest before frost affects the crop. The majority of Virginia's livestock are in good condition. Cattlemen are stockpiling feed and preparing for feeder cattle sales. Strawberry farmers contended with muddy fields, trying to finish planting before ideal weather conditions pass. Other farming activities included repairing farm equipment, pricing winter wheat inputs, attending meetings, and preparing for the cotton harvest.

WASHINGTON: Days suitable for fieldwork 5.7. Topsoil moisture 9% very short, 28% short, 49% adequate, 14% surplus. On the eastern side, winter wheat planting conditions varied. Some counties continued dry while others received good accumulations of rain. Fall seeding continued at a brisk pace. Walla Walla County reported deep furrow crops had emerged and were aided by the rain. Seed potato harvest was underway. Pumpkins grown for nation wide distribution were slow to ripen. Dry edible bean harvest continued. Christmas tree growers were taking inventory of fields in preparation for the sales season. In the Yakima Valley, apple harvest continued with a few growers harvesting the late-maturing varieties like Granny Smith and Red Delicious apples. Franklin County reported their soft fruit harvest was essentially finished. Apple harvest continued through all of last week. Chelan County reported apple and pear harvest was ongoing. In Klickitat County, late season nectarine and peach harvest finished with good quality and volume for both crops. On the western side, sweet corn growers had topped fields and were beginning to harvest. On the eastern side, Franklin County reported most of their sweet corn harvest was complete. Snohomish County reported their sweet corn was delayed in maturation due to late planting. Pacific County reported cranberry harvest began and initial reports indicated smaller berries and lower yields overall. Shellfish growers continued to make preparations for the fall and holiday harvest season. Range and pasture conditions 23% very poor, 37% poor, 34% fair, 6% good. On the eastern side, several reports were noted of cattle pastures greening up due to recent rains. Kittitas County reported ranchers were weaning and shipping calves. Feed prices remained high and growers were concerned about availability.

WEST VIRGINIA: Days suitable for field work 6. Topsoil moisture 32% very short, 42% short, 26% adequate compared with 30% very short, 45% short, 25% adequate last year. Corn conditions 1% poor,

11% fair, 71% good, 17% excellent; 90% dented, 81% 2007, 5-yr avg. not available. Corn 56% mature, 52% 2007, 57% 5-yr avg.; 15% harvested, 13% 2007, 16% 5-yr avg. Soybean conditions 2% fair, 87% good, 11% excellent; dropping leaves 75%, 76% 2007, 83% 5-yr avg.; 10% harvested, 21% 2007, 8% 5-yr avg. Wheat 20% planted, 24% 2007, 27% 5-yr avg.; 8% emerged, 4% 2007, 14% 5-yr avg. Hay 12% poor, 44% fair, 41% good, 3% excellent; third cutting 63% complete, 37% 2007, 5-yr average not available. Apple conditions 10% poor, 50% fair, 30% good, 10% excellent; 50% harvested, 56% 2007, 58% 5-yr avg. Cattle and calves were 3% poor, 14% fair, 77% good, 6% excellent. Sheep and lambs were 2% poor, 10% fair, 83% good, 5% excellent. Farming activities included cutting hay, harvesting vegetables, weaning calves, hauling water for livestock, harvesting apples and equipment maintenance in preparation for the winter season.

WISCONSIN: Days suitable for fieldwork 6.1. Topsoil moisture 13% very short, 37% short, 50% adequate, 0% surplus. Temperatures ranged from 3 to 5 degrees below normal. Average high temperatures ranged from 58 to 64 degrees across the state. Lows averaged from 40 to 47 degrees for the week. Precipitation ranged from 0.06 inches in Madison to 0.75 inches in LaCrosse. Corn 93% dented, 51% mature, harvested for grain 5%, silage harvested 82% complete. Soybeans 93% dropping leaves, 18% harvested. Fourth cutting hay was 61% complete. There was some frost across the state late last week. High moisture corn is being harvested.

WYOMING: Days suitable for fieldwork 6.7. Topsoil moisture 3% very short, 33% short, 63% adequate, 1% surplus. Winter wheat 94% emerged, 74% previous week, 95% 2007, 89% avg.; condition 26% fair, 74% good. Dry beans 89% windrowed, 73% previous week, 96% 2007, 90% avg.; 64% combined, 50% previous week, 74% 2007, 70% avg. Corn 98% dough, 92% previous week, 97% 2007, 98% avg.; 81% dented, 73% previous week, 90% 2007, 89% avg.; 45% mature, 40% previous week, 72% 2007, 57% avg.; 1% harvested, 0% previous week, 2% 2007, 5% avg.; condition 1% poor, 24% fair, 75% good, for silage 87% harvested, 75% previous week, 91% 2007, 93% avg. Sugarbeets 6% harvested, 0% previous week, 5% 2007, 9% avg.; condition 1% poor, 17% fair, 82% good. Alfalfa hay 57% third cutting, 40% previous week, 86% 2007, 74% avg. Livestock condition 17% fair, 80% good, 3% excellent. Cattle moved from summer pastures 49% single. Sheep moved from summer pastures 50% single. Range and pasture condition 3% very poor, 11% poor, 47% fair, 33% good, 6% excellent. Hay and roughage supplies 1% short, 96% adequate, 3% surplus. Corn harvest was in the beginning stages last week as well as the sugarbeet harvest. Sheep and cattle were being moved from the summer pastures. Livestock looked good. Localized areas received some moisture which will help with rangeland grasses. Activities hay harvest, moving hay to stock yards, shearing range sheep, branding and moving livestock.