

Weekly Weather and Crop Bulletin

State Stories

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ALABAMA: Days suitable for fieldwork 2.4. Topsoil moisture 0% very short, 3% short, 60% adequate, and 37% surplus. Corn 94% mature, 100% 2008, 100% avg.; 58% harvested, 92% 2008, 94% avg.; conditions 1% very poor, 11% poor, 30% fair, 52% good, and 6% excellent. Cotton bolls opening 69%, 92% 2008, 94% avg.; 5% harvested, 25% 2008, 32% avg.; conditions 2% very poor, 10% poor, 33% fair, 54% good, 1% excellent. Peanuts dug 18%, 53% 2008, 52% avg.; combined 10%, 35% 2008, 39% avg.; conditions 0% very poor, 1% poor, 29% fair, 66% good, 4% excellent. Soybeans 67% dropping leaves, 85% 2008, 88% avg.; 17% harvested, 36% 2008, 39% avg.; conditions 1% very poor, 3% poor, 22% fair, 62% good, 12% excellent. Livestock condition 0% very poor, 1% poor, 19% fair, 61% good, and 19% excellent. Pasture and range condition 0% very poor, 1% poor, 24% fair, 65% good and 10% excellent. The ongoing amounts of precipitation continued to delay harvest for several crops, which, at this point, was causing yield and quality loss. The US Drought Monitor from October 6, 2009 indicated the state to be 100 percent free of drought, compared to 74.5 percent 3 months ago, and 7.0 percent a year ago. Daytime highs for the week ranged from 83 degrees in Bridgeport, to 93 degrees in Brewton. Overnight lows ranged from 50 degrees in Belle Mina, to 67 degrees in Mobile Bates. Total accumulations for the week ranged from 0.57 inches in Troy Municipal, to 4.49 inches of rain in Bridgeport. All row crops continued to be affected by the scattered rainfall; however, the corn and cotton crop continued to receive the most damage. Corn yields were reported as good but with some sprouting occurring. The soybean crop was reported as fair to very good, with some damage from pod rot, mold, and fungus reported because of moisture. Wet weather has not affected peanuts as much as it has other field crops. Many cool season pastures have not been planted because of the wet weather.

ALASKA: DATA NOT AVAILABLE

ARIZONA: Temperatures were mostly below normal across the State for the week ending October 11, ranging from 12 degrees below normal at Parker to 2 degrees above normal at Douglas and Willcox. The highest temperature of the week was 93 degrees at Roll and the lowest reading of 15 degrees occurred at Grand Canyon. Precipitation was reported at 6 of the 22 stations. Opening of bolls has occurred on 93 percent of the cotton acreage, below last year's 100 percent, and behind the five-year average of 98 percent. Harvesting is 30 percent complete, ahead of last year at 28 percent, and ahead of the five-year average of 23 percent. Cotton conditions are fair to excellent.

ARKANSAS: Days suitable for fieldwork 1.9. Topsoil moisture 21% adequate, 79% surplus. Subsoil moisture 31% adequate, 69% surplus. Corn 84% harvested, 95% 2008, 99% avg. Soybeans 88% yellowing, 85% 2008, 92% avg; 50% mature, 47% 2008, 67% avg. Harvesting activities slowed once again last week due to wet weather and field flooding. Corn producers only harvested an additional 4% of their crop, 11% behind last year and 15% behind the five-year average. Cotton opening bolls was 12% behind 2008 and 12% behind the five-year average. Cotton producers were only able to harvest an additional 2% of their crop. There were some reports of cotton boll rot and hard lock. Rice producers harvested an additional 7% of the crop by week's end, 17% behind last year and 28% behind the five-year average. Sorghum harvested increased 14%, 13% behind 2008 and 15% behind the five-year average. Soybeans in the yellowing stage was 3% ahead of last year but 4% behind the five-year average. Soybeans shedding increased 11%. Soybeans reaching maturity increased 12%, and soybean farmers harvested an additional 1% of their crop. Winter wheat planted was 3% ahead of last year and 4% behind the five-year average. Winter wheat emerged was 4% ahead of 2008 and 3% ahead of the five-year average. Livestock were mostly in fair to good condition last week. Most pasture and range and hay crops remained in fair to

good condition, but the last of the hay crop harvesting was slowed by the rains. There were some reports of cut hay rotting in the fields.

CALIFORNIA: Rice harvest continued, with some areas still experiencing a shortage of trailers. Other areas were experiencing delays due to high moisture in the rice. Milo was still being irrigated and developing in Fresno County. Alfalfa fields continued to be baled for hay. Some areas were approaching completion of corn for silage and corn for grain harvest. Black-eyed bean fields were dried and harvested in Tulare County. Cotton fields were being defoliated. Sunflower harvest continued. Field work continued in preparation of planting winter wheat, oats, and other fall forage. Safflower harvest was completed in Fresno County. The table grape, kiwi, and apple harvests continued primarily in the San Joaquin Valley. Light picking of peach, plum, and nectarine trees also continued as the harvests neared completion. Raisin grape trays were being collected. The impending wet weather pushed growers to harvest more grapes along the North Coast. The inclement weather raised concerns about rot and brix levels of wine grapes along the North Coast. The Early Foothill pomegranate harvest was completed as Wonderful varieties continued to be picked. Some strawberries were picked, while the Satsuma mandarin harvest began in the San Joaquin Valley. The Valencia orange harvest continued to wind down in the San Joaquin Valley, and navel oranges continued to develop in size. The lemon harvest continued in the desert region. The fall budding of citrus trees continued. Normal spraying and maintenance continued in orchards and vineyards, which included fall pruning of orchards. The almond and walnut harvests neared completion in the Central Valley, as hulling and stockpile fumigations continued. The pistachio harvest continued in full swing in the Central Valley. Overall reported quality has been good, though there appears to be more insect damage for walnuts this year. Sweet corn, squash, peppers, melons and tomatoes continued to be harvested in Tulare County. In Fresno County, summer vegetables such as squash, cucumbers, green beans, bittermelon, tomatoes, eggplant, radishes, bell peppers, carrots and long beans were growing well. Successive planting for some crops continued. Harvests were ongoing for processing onions, tomatoes and garlic. The dry onion harvest was completed. Pumpkin fields were growing well with good fruit sizing. Watermelon, cantaloupe, honeydew and other mixed melons continued to be harvested, but were slowing down. Fall lettuce was being thinned and irrigated. Growers were also irrigating, fertilizing and applying spongidicide to carrots, which were progressing well. In Sutter County, the fresh market honeydew harvest continued with below-average yields reported. Harvests were slowing down in San Joaquin County for tomatoes, bell peppers, cantaloupe and pumpkins. Stanislaus County producers were still harvesting tomatoes, fall cauliflower and sweet corn. Some broccoli and cauliflower have already been planted on the Westside of the County. Farmers statewide continued to perform fieldwork in preparation for fall plantings Rangeland and dry-land pasture was extremely dry in most areas, despite some moderate rain events in some parts of the State. Fire danger was high. Supplemental feeding of cattle on range and dry pasture continued. Cattle were gathered from upper elevations for transport to lower-elevation winter pastures. Irrigated pasture was in mostly good condition. Fall beef cow calving continued. Dairy herd retirement continued at a slower pace. Sheep were pasturing in dry-land grain fields and older alfalfa and other hay fields. Some fall lambing was underway. Honeybees were in squash and melon crops, and some hives were moved to winter storage.

COLORADO: Days suitable for field work 5.2. Topsoil moisture 2% very short, 27% short, 66% adequate 5% surplus. Subsoil moisture 3% very short, 36% short, 57% adequate 4% surplus. Alfalfa 88% 3rd cutting, 98% 2008, 97% avg.; 28% 4th cutting, 35% 2008, 43% avg.;

condition 1% very poor, 5% poor 19% fair, 51% good, 24% excellent. Dry Beans 90% cut, 89% 2008, 93% avg.; 69% harvested, 69% 2008, 74% avg. Dry onions 94% harvested, 88% 2008, 91% avg. Sunflowers 3% very poor, 4% poor, 24% fair, 47% good, 22% excellent. Sugarbeets 49% harvested, 26% 2008, 23% avg.; condition 2% poor, 13% fair, 66% good, 19% excellent. Summer potatoes 93% harvested, 94% 2008, 90% avg. Fall potatoes 85% harvested, 78% 2008, 78% avg. Spring wheat 97% harvested, 99% 2008, 100% avg. Corn silage 93% harvested, 91% 2008, 95% avg. Precipitation and temperatures across Colorado were below average. Reports of snow and overnight freezing temperatures continue to shorten the growing season in some areas.

DELAWARE: Days suitable for fieldwork 6.7. Topsoil moisture 0% very short, 3% short, 95% adequate, 2% surplus. Subsoil moisture 0% very short, 3% short, 95% adequate, 2% surplus. Hay supplies 0% very short, 2% short, 70% adequate, 28% surplus. Other Hay third cutting 100%, 80% 2008, 88% avg.; fourth cutting 49%, 8% 2008, 34% avg. Alfalfa hay fourth cutting 98%, 75% 2008, 73% avg.; fifth cutting 12%, 2% 2008, 10% avg. Pasture condition 2% poor, 17% fair, 63% good, 18% excellent. Corn condition 4% very poor, 11% poor, 18% fair, 51% good, 16% excellent; 97% mature, 100% 2008, 99% avg.; harvested for grain 55%, 72% 2008, 77% avg.; harvested for silage 97%, 95%, 2008, 90% avg. Soybean condition 2% very poor, 3% poor, 14% fair, 49% good, 32% excellent. Apple condition 2% very poor, 5% poor, 14% fair, 75% good, 4% excellent. Soybeans turning color 80%, 84% 2008, 81% avg.; dropping leaves 62%, 58% 2008, 73% avg.; 10% harvested, 14% 2008, 14% avg. Barley 38% planted, 43% 2008, 41% avg. Winter Wheat 6% planted, 13% 2008, 12% avg.; 1% emerged, 4% 2008, 1% avg. Lima Beans 92% harvested, 92% 2008, 82% avg. Apples 83% harvested, 55% 2008, 73% avg. Small grain planting continues, despite cool weather starting to set in. Soybean harvest is well underway.

FLORIDA: Topsoil moisture 1% very short, 31% short, 63% adequate, 5% surplus. Subsoil moisture 27% short, 67% adequate, 6% surplus. Peanuts 41% harvested, 64% 2008, 53% 5-yr avg.; condition 6% poor, 27% fair, 50% good, 17% excellent. Peanut, cotton harvest delayed, parts of Panhandle, condition declining due to wet conditions. Farmers bailing 3rd and final cutting of hay, cool nighttime temperatures limiting grass growth. Sugarcane producers, Everglades area, expecting some cutting this week. Winter forages being planted. Collier County some specialty vegetables coming to market. Columbia County harvesting sweet corn, eggplant, southern peas. Seminole, Orange counties harvesting cucumbers. Cabbage planting progressed, Flagler, Orange, Seminole counties. Blueberry picking in Duval County. Putnam County planting broccoli, cauliflower, beets, cilantro, kale, cabbage. Lafayette County harvesting snap beans, cucumbers. Tomatoes, okra, squash, avocados marketed. Citrus grove activity limited irrigating, herbiciding, mowing. Canker, greening surveys continued. Twenty-four packinghouses opened, begun shipping fruit. Four processing plants running fruit in small quantities. Varieties packed early oranges (Navel, Ambersweet, Hamlin), white and colored grapefruit, Fallglo tangerines. Pasture Feed 10% poor, 20% fair, 65% good, 5% excellent. Cattle Condition 10% poor, 15% fair, 65% good, 10% excellent. Seasonal decline in summer pastures, winter forage being planted. Panhandle, north pasture condition poor to excellent, most good. Summer pasture condition declining due to shorter days. Producers planting small grains for winter forage; fields in Holmes County too wet to work. Cattle condition poor to excellent, most good. Heavy rain lowered feed value of some pastures. Central pasture poor to excellent, most poor due to drought. Southwest pasture condition poor to excellent, drought hurting some pastures. Winter forage being planted. Cattle condition good. Statewide; cattle condition poor to excellent, most good.

GEORGIA: Days suitable for fieldwork 4.9. Topsoil moisture 1% very short, 11% short, 69% adequate, 19% surplus. Soybeans 1% very poor, 6% poor, 31% fair, 54% good, 8% excellent; dropping leaves 61%, 60% 2008, 61% avg.; 4% harvested, 4% 2008, 5% avg. Sorghum 1% very poor, 6% poor, 43% fair, 47% good, 3% excellent; harvested for grain 26%, 60% 2008, 49% avg. Apples 0% very poor, 4% poor, 9% fair, 36% good, 51% excellent; 39% harvested, 39% 2008, 51% avg. Hay 1% very poor, 10% poor, 33% fair, 50% good, 6% excellent. Pecans 0% very poor, 3% poor, 41% fair, 43% good, 13% excellent; 3% harvested, 2% 2008, 2% avg. Winter wheat 7% planted, 6% 2008, 5% avg. Peanuts dug 38%, 59% 2008, 53% avg. Rye planted for all purposes 34%, 22% 2008, 24% avg. Other small grains planted 25%, 19% 2008, 18% avg. Rain fell across much of the State, limiting fieldwork and slowing harvest in some areas. Many farmers are in

need of dry conditions to continue harvest. Some flood damaged strawberries were replanted. Excessive amounts of rain in some areas had a negative impact on soybean, cotton and peanut crops. Pecan crop experienced scab disease.

HAWAII: Days suitable for fieldwork 7. Soil moisture levels were adequate in many windward areas, but getting short in most leeward areas of the State. Most banana and papaya orchards were in fair to good condition. Sunny, hot days and light rains for much of the week allowed for good fruit development and ripening in most areas. The head cabbage crop was in mostly fair condition. Plantings and harvesting was steady. Light variable winds for much of the week. Hot, muggy conditions prevailed for nearly the whole week. Trade winds and more pleasant conditions returned later Saturday. Partly cloudy to cloudy skies, with some isolated overcast conditions. Showers were generally very light for much of the week. Heavier precipitation occurred on Monday and the weekend, primarily concentrated over windward and higher elevation sections. Most leeward areas received some light showers but continued dry. High temperatures ranged from the low-80's to 90, however conditions felt much hotter because of the lack of winds and high humidity.

IDAHO: Days suitable for fieldwork 5.4. Topsoil moisture 5% very short, 25% short, 63% adequate, 7% surplus. Field corn harvested for grain 3%, 11% 2008, 16% avg. Field corn harvested for silage 91%, 68% 2008, 88% avg. Potatoes 71% harvested, 73% 2008, 71% avg. Dry beans 97% harvested, 94% 2008, 97% avg. Apples 30% harvested, 48% 2008, 72% avg. Alfalfa hay 3rd cutting harvested 94%, 95% 2008, 98% avg.; 4th cutting harvested 69%, 73% 2008, 84% avg. Irrigation water supply 0% very poor, 1% poor, 8% fair, 75% good, 16% excellent. Sugarbeets 21% harvested, 11% 2008, 20% avg. Statewide, cool temperatures remained for most of the week. Killing frosts and snow showers were reported by several University of Idaho extension educators. Cool weather slowed potato harvest. Rain and snow showers slowed dry bean and alfalfa harvest. Winter wheat planting and emergence is 77 and 33 percent complete, respectively. Potato and sugarbeet harvest is 71 and 21 percent complete, respectively.

ILLINOIS: Days suitable for fieldwork 2.4. Topsoil moisture 68% adequate, 32% surplus. Corn 56% mature, 86% 2008, 97% avg.; 6% harvested, 19% 2008, 56% avg.; condition 1% very poor, 6% poor, 28% fair, 52% good, 13% excellent. Soybeans 84% dropping leaves, 89% 2008, 97% avg.; 10% harvested, 42% 2008, 64% avg.; condition 2% very poor, 6% poor, 28% fair, 52% good, 12% excellent. Sorghum 67% mature, 74% 2008, 92% avg.; condition 4% poor, 23% fair, 66% good, 7% excellent. Winter Wheat 12% planted, 23% 2008, 43% avg.; 5% emerged, 6% 2008, 9% avg. Pasture condition 1% very poor, 6% poor, 24% fair, 55% good, 14% excellent. Continued cooler temperatures and above average rainfall have slowed an already sluggish harvest. A weekend frost also occurred in some parts of the state. Many farmers are still waiting for the moisture level to drop before harvest can continue. Temperatures statewide averaged 48.6 degrees, 7.6 below average. Precipitation averaged 2.57 inches, two inches above average.

INDIANA: Days suitable for fieldwork 2.7. Topsoil moisture 4% short, 51% adequate, 45% surplus. Subsoil moisture 1% very short, 10% short, 67% adequate, 22% surplus. Corn 69% mature, 87% 2008, 92% avg.; 10% harvested, 24% 2008, 37% avg.; condition 3% very poor, 8% poor, 26% fair, 49% good, 14% excellent. Soybeans shedding leaves 90%, 94% 2008, 96% avg.; 19% harvested, 53% 2008, 55% avg.; condition 3% very poor, 8% poor, 28% fair, 48% good, 13% excellent. Pasture condition 2% very poor, 9% poor, 31% fair, 47% good, 11% excellent. Winter wheat 13% planted, 44% 2008, 44% avg.; 1% emerged, 7% 2008, 10% avg. Tobacco 91% harvested, 89% 2008, 92% avg. Temperatures ranged from 4° to 11° below normal with a low of 29° and a high of 73°. Total precipitation ranged from 0.70 inches to 4.47 inches. Rainy, cool weather continued to slow harvest of corn and soybeans as crops are slow to dry down and fields are too muddy to support equipment. Heavy rains caused localized flooding in some southern counties. Diplodia ear rot and other diseases are being reported in some of the early harvested corn. Farmers are having trouble getting winter wheat planted due to wet soil conditions.

IOWA: Days suitable for fieldwork 2.4. Topsoil moisture 0% very short, 3% short, 74% adequate, and 23% surplus. Subsoil moisture 2% very short, 6% short, 81% adequate, and 11% surplus. Corn at or beyond the mature stage 86%, 95% average, 81% last year. Corn harvested for grain 6%, average 21%, 6% last year. Corn condition 2% very poor, 5% poor, 17% fair, 51% good, and 25% excellent. Soybeans dropping leaves 97%, 98% average, 93% last year. Soybeans 29% harvested, 74% average, 64% last year. Soybean condition 2% very

poor, 5% poor, 20% fair, 52% good, 21% excellent. Pasture and range condition 2% very poor, 11% poor, 29% fair, 46% good, 12% excellent. Iowa received killing frost which ended the growing season for most of the State. Rain, snow, and cloudy days kept most farmers out of fields last week. Cold temperatures added to delays in efforts to harvest soybeans and corn. Producers are again contemplating which will cost more, running driers or yield losses due to stalk rot, lodging, and other issues associated with leaving crops in the field to dry. When dry weather returns, soybean producers may have to deal with yield losses due to shattering.

KANSAS: Days suitable for field work 3.7. Topsoil moisture 2% very short, 8% short, 71% adequate, and 19% surplus. Subsoil moisture 4% very short, 11% short, 72% adequate, and 13% surplus. Sunflowers 89% ray flowers dry, 99% 2008, 97% avg.; 78% bracts yellow, 90% 2008, 89% avg.; 46% mature, 48% 2008, 62% avg.; condition 2% very poor, 5% poor, 20% fair, 61% good, and 12% excellent. Alfalfa 78% fourth cutting complete, 83% 2008, 88% avg. Range and pasture condition 2% very poor, 7% poor, 26% fair, 56% good, and 9% excellent. Feed grain supplies 1% very short, 4% short, 90% adequate, and 5% surplus. Hay and forage supplies 1% very short, 4% short, 82% adequate, and 13% surplus. Stock water supplies 2% very short, 4% short, 83% adequate, and 11% surplus. Temperatures were colder than normal last week with many areas only reaching the 70's for a high and dropping to lows at or below the freezing mark. Southeast Kansas received heavy precipitation with reports of 4 inches in 6 counties, including 5.39 in Cherokee County. Rain was otherwise light to moderate in the other areas across the State. Soybean harvest advanced the most last week as farmers were able to get 19 percent of the State average harvested. Corn harvest is lagging the most being 27 points behind average. Activities for the week included cutting alfalfa, harvesting corn, sorghum, sunflowers, and soybeans, along with planting winter wheat.

KENTUCKY: Days suitable for fieldwork 3.0. Topsoil moisture 1% short, 50% adequate and 49% surplus. Subsoil moisture 4% short, 62% adequate and 34% surplus. Tobacco 3% stripped, 26% ready to strip, 71% not ready. Housed tobacco condition rated 3% very poor, 8% poor, 29% fair, 45% good, 15% excellent. Winter wheat 7%, seeded 15% last year, 22% average. Pasture condition 1% very poor, 4% poor, 15% fair, 59% good, 21% excellent. Cool, wet weather across the state hindered progress in the fields.

LOUISIANA: Days suitable for fieldwork 3.0. Soil moisture 1% short, 43% adequate, 56% surplus. Corn 100% mature, 100% 2008, 100% avg.; 100% harvested, 100% 2008, 100% avg.; 1% very poor, 26% poor, 32% fair, 38% good, 3% excellent. Hay 97% second cutting, 98% 2008, 99% avg.; Pecans 10% harvested, 5% 2008, and 9% avg. Rice 100% ripe, 100% 2008, 100% avg.; 96% harvested, 98% 2008, and 99% avg. Sorghum 98% harvested, 100% 2008, 100% avg. Soybeans 99% turning color, 99% 2008, 99% avg.; 92% dropping leaves, 95% 2008, 95% avg.; 63% harvested, 79% 2008, and 81% avg. Sweet Potatoes 24% Harvested, 37% 2008 and 49% avg. Sugarcane 97% planted, 87% 2008, 96% avg.; 4% Harvested, 4% 2008, and 7% avg.; 3% very poor, 11% poor, 36% fair, 36% good, 14% excellent. Livestock 1% very poor, 5% poor, 44% fair, 45% good, 5% excellent. Vegetables 2% very poor, 25% poor, 45% fair, 27% good, 1% excellent. Range and pasture 1% very poor, 9% poor, 46% fair, 38% good, 6% excellent.

MARYLAND: Days suitable for fieldwork 6.5. Topsoil moisture 1% very short, 19% short, 77% adequate, 3% surplus. Subsoil moisture 0% very short, 13% short, 85% adequate, 2% surplus. Hay supplies 5% very short, 1% short, 85% adequate, 9% surplus. Other Hay third cutting 86%, 90% 2008, 78% avg.; fourth cutting 33%, 46% 2008, 50% avg. Alfalfa Hay fourth cutting 91%, 84% 2008, 82% avg.; fifth cutting 28%, 23% 2008, 15% avg. Pasture condition 1% very poor, 11% poor, 21% fair, 49% good, 18% excellent. Corn condition 2% very poor, 5% poor, 22% fair, 46% good, 25% excellent. Soybean condition 1% very poor, 6% poor, 23% fair, 54% good, 16% excellent. Apple condition 6% fair, 92% good, 2% excellent. Corn 93% mature, 98% 2008, 97% avg.; harvested for grain 52%, 69% 2008, 67% avg.; harvested for silage 97%, 94% 2008, 87% avg. Soybeans turning color 87%, 91% 2008, 82% avg.; 63% dropping leaves, 76% 2008, 73% avg.; 14% harvested, 14% 2008, 18% avg. Barley 74% planted, 72% 2008, 60% avg. Winter Wheat 32% planted, 27% 2008, 27% avg. Winter wheat 10% emerged, 3% 2009, 1% avg. Lima Beans 92% harvested, 91% 2008, 83% avg. Apples 85% harvested, 88% 2008, 84% avg. Small grain planting continues, despite cool weather starting to set in. Soybean harvest is well underway.

MICHIGAN: Days suitable for fieldwork 3. Topsoil 3% short, 68% adequate, 29% surplus. Subsoil 1% very short, 13% short, 73% adequate, 13% surplus. Corn 94% dent, 100% 2008, 99% avg.; silage

harvested 83%, 95% 2008, 96% avg. Potatoes 62% harvested, 67% 2008, 68% avg. All hay 2% very poor, 12% poor, 29% fair, 46% good, 11% excellent. Third cutting hay 90%, 91% 2008, 95% avg. Fourth cutting hay 45%, 43% 2008, 52% avg. Dry beans 10% very poor, 17% poor, 33% fair, 28% good, 12% excellent; 67% harvested, 73% 2008, 87% avg. Apples 50% harvested, 58% 2008, 70% avg. Precipitation varied from 0.61 inch west central Lower Peninsula to 1.89 inches eastern Upper Peninsula. Average temperatures ranged from 10 degrees below normal western Upper Peninsula to 8 degrees below normal west central and southwest Lower Peninsula. Cold temperatures, scattered rainfall, and high winds continued to hinder fieldwork. Additional rainfall conducive to sugarbeet harvest and ground preparation, however harvest progress limited. Growers await arrival of warmer temperatures to finish harvesting crops for season. Precipitation, cold temperatures, and windy conditions hindered fieldwork. Frost, throughout much of State, assisted crops with drying down but ensured end to growing season for others. Wheat planting ceased due to late harvest of soybeans and rains. Growers waiting for corn to fully mature to harvest; drying down will be slow due to tightly closed husks. Northeast, corn for silage harvest continued, but neared completion other areas. Soybeans drying slowly. Alfalfa harvest at a standstill. Cold temperatures good for sugarbeet crop. Piling will be considered later week; however this will be sooner than what originally anticipated. Moisture good for harvesting beets, but additional rainfall will impede harvesting. Dry bean harvest challenging due to abundance of moisture. Harvest of early apple varieties completed southwest. Growers reported harvesting a heavy crop of Golden Delicious apples. West central, harvest of Jonagold, Jonathan, and Red Delicious apples continued. Growers east picking Golden Delicious and spot picking Empire varieties. Grand Rapids area, growers picking Jonagold, Golden Delicious, and Jonathan apples varieties. Harvest of Concord grapes began southwest, where recent weather conditions have delayed sugar accumulation. Harvest of cool season crops, including cabbage, broccoli, and cauliflower continued on a limited basis, but wrapped up for most growers. Southeast, potato harvest nearing completion; a number of potato growers reported excellent yields and quality. Also southeast, pumpkin and winter squash harvests finished, and tomato harvest essentially complete. Southwest, scattered frosts throughout and a hard freeze on October 11 brought warm season vegetable production to end. Many vegetable producers kept busy this week preparing fields for winter cover crops and removing stakes, plastic row covers, and drip tape.

MINNESOTA: Days suitable for fieldwork 2.3. Topsoil moisture 1% very short, 8% short, 74% adequate, 17% surplus. Corn 90% silage cut, 95% 2008, 95% avg. Soybean 92% mature, 94% 2008, 95% avg.; 14% moisture, 12% 2008, 12% avg. Potatoes 89% harvested, 90% 2008, 85% avg. Dry Bean 82% harvested, 93% 2008, 87% avg. Sugarbeet 47% harvested, 56% 2008, 57% avg.; condition 2% very poor, 3% poor, 25% fair, 55% good, 15% excellent. Pasture condition 8% very poor, 14% poor, 37% fair, 38% good, 3% excellent. Sunflower condition 1% very poor, 8% poor, 34% fair, 47% good, 10% excellent. Cool, wet weather limited harvest progress for many producers. Average temperatures were 8 to 12° below normal last week with overnight lows falling into the 20s ending the growing season for the state. Last week's precipitation amounts ranged from one to two inches across central and southern Minnesota, while amounts were generally a half-inch or less across the north. Several reporting stations have accumulated over 4 inches of precipitation in the last two reporting periods, including Marshall (4.14"), Montevideo (4.09") and Olivia (4.08").

MISSISSIPPI: Days suitable for fieldwork 1.4. Soil moisture 24% adequate and 76% surplus. Corn 100% mature, 100% 2008, 100% avg.; 86% harvested, 98% 2008, 99% avg.; 8% very poor, 21% poor, 37% fair, 32% good, 2% excellent. Cotton 91% open bolls, 95% 2008, 98% avg.; 2% harvested, 32% 2008, 61% avg.; 13% very poor, 23% poor, 40% fair, 24% good, 0% excellent. Peanuts 2% harvested, 47% 2008, avg.; 0% very poor, 30% poor, 44% fair, 26% good, 0% excellent. Rice 100% mature, 99% 2008, 100% avg.; 49% harvested, 84% 2008, 94% avg.; 5% very poor, 10% poor, 46% fair, 39% good, 0% excellent. Sorghum 100% turning color, 100% 2008, 100% avg.; 100% mature, 100% 2008, 100% avg.; 60% harvested, 84% 2008, 97% avg.; 5% very poor, 22% poor, 54% fair, 19% good, 0% excellent. Soybeans 97% turning color, 99% 2008, 100% avg.; 81% shedding leaves, 91% 2008, 98% avg.; 43% harvested, 75% 2008, 88% avg.; 10% very poor 27% poor, 31% fair, 29% good, 3% excellent. Hay (harvested-warm) 97%, 99% 2008, 99% avg. Wheat 1% planted, 3% 2008, 9% avg.; 0% emerged, 1% 2008, 2% avg. Sweetpotatoes 26% harvested, 62% 2008, 69% avg.; 0% very poor, 40% poor, 45% fair,

15% good, 0% excellent. Pasture 1% very poor, 11% poor, 36% fair, 45% good, 7% excellent. Several days of rainfall have many producers concerned about the yield and quality of crops, and reports of damage are scattered. Clear, dry weather is needed before significant progress can be made in the fields.

MISSOURI: Days suitable for fieldwork 2.5. Topsoil moisture 1% short, 64% adequate, 35% surplus. Pasture condition 2% poor, 22% fair, 65% good, and 11% excellent. Rainfall averaged 4.01 inches. The first killing frost occurred over portions of the northern third of the State while excessive rains over much of the State delayed harvest and winter wheat seeding. Temperatures were 3 to 5 degrees below average in the southeast district and 9 to 12 degrees below average across the remainder of the State.

MONTANA: Days suitable for field work 3.8. Topsoil moisture 15% very short, 7% last year; 45% short, 22% last year; 39% adequate, 66% last year; 1% surplus, 5% last year. Subsoil moisture 19% very short, 19% last year; 52% short, 26% last year; 29% adequate, 54% last year; 0% surplus, 1% last year. Sugar beet condition 0% very poor, 2% last year; 0% poor, 12% last year; 13% fair, 21% last year; 41% good, 44% last year; 46% excellent, 21% last year. Durum wheat 91% harvested, 95% last year. Winter wheat 90% planted, 91% last year; 51% emerged, 52% last year. Other hay second cutting 89% complete, 96% last year. Sugar beets 16% harvested, 47% last year. The state experienced cooler temperatures with adequate moisture during the week. Highs were in the 50s to 60s, and lows were mostly in the teens and 20s. Havre had the high temperature of 67 degrees, and Cascade had the low temperature of minus 12 degrees. Huntley had the greatest amount of weekly precipitation with 1.48 inches. Range and pasture feed condition 18% very poor, 13% last year; 30% poor, 18% last year; 37% fair, 35% last year; 12% good, 30% last year; 3% excellent, 4% last year. Cattle and calves moved from summer ranges 59%, 64% last year. Sheep and lambs moved from summer ranges 64%, 70% last year. Cattle receiving supplemental feed 9%, 10% last year. Sheep receiving supplemental feed 8%, 7% last year.

NEBRASKA: Days suitable for fieldwork 3.7. Topsoil moisture 1% very short, 8% short, 89% adequate and 2% surplus. Subsoil moisture 2% very short, 16% short, 82% adequate, and 0% surplus. Corn conditions 3% very poor, 5% poor, 12% fair, 54% good, and 26% excellent. Irrigated Corn conditions 82% good or excellent. Dryland Corn 76% good or excellent. Corn 76% mature, 77% 2008, 89% avg.; 10% harvested, 13% 2008, 24% avg. Soybean conditions 2% very poor, 5% poor, 13% fair, 57% good, and 23% excellent; 95% dropping leaves, 96% 2008, 98% avg.; 45% harvested, 58% 2008, 61% avg. Sorghum conditions 0% very poor, 2% poor, 21% fair, 54% good, and 23% excellent; 96% turning color, 99% 2008, 100% avg.; 62% mature, 30% 2008, 82% avg.; 6% harvested, 5% 2008, 18% avg. Winter Wheat 92% seeded, 91% 2008, 93% avg.; 67% emerged, 50% 2008, 73% avg. Proso millet 62% harvested, 84% 2008, 80% avg. Dry beans 91% harvested for grain, 92% 2008, 81% avg. Alfalfa 87% 4th cutting, 83% 2008, 84% avg. Pasture and Range conditions 2% very poor, 6% poor, 22% fair, 54% good, and 16% excellent. Widespread rain, snow and cold temperatures caused harvest delays in many areas. Corn harvest continues to make slow progress because of high grain moisture levels. The first snow of the season fell, with accumulations of over twelve inches in the western counties. Livestock producers were weaning calves and moving cattle to stubble fields. Temperatures averaged 16 degrees below normal across the state which ranged from low 70's for highs to near single digits for lows. The majority of the state received over a half inch of moisture. There were record lows and record coldest highs reported in areas around the state.

NEVADA: Days suitable for fieldwork 7. A cold front moved through the state bringing below normal temperatures for the week. Temperatures ranged between three and ten degrees below normal. Las Vegas recorded the highest temperature across the State reporting 85 degrees while Reno was second, reporting a high of 75 degrees. Ely reported a low temperature of 13 degrees. Elko and Winnemucca recorded trace amounts of precipitation. Several hard freezes were reported across the state. Pasture and range conditions are mostly in fair condition with some slipping to poor and very poor condition. Third cutting of alfalfa hay is underway. Potato harvest is underway. Cattle generally look in good condition and are beginning to be moved to fall pastures. Main farm and ranch activities include irrigation, weed control, fertilizing, haying, harvesting, equipment maintenance, and some insect control.

NEW ENGLAND: Days suitable for field work: 5.0. Topsoil moisture 1% very short, 3% short, 80% adequate, 16% surplus. Subsoil moisture 0% very short, 1% short, 85% adequate, 14% surplus.

Pasture condition 0% very poor, 24% poor, 33% fair, 38% good, 5% excellent. Maine Potatoes 75% harvested, 85% 2008, 90% average; condition good. Rhode Island Potatoes 85% harvested, 100% 2008, 99% average; condition fair. Massachusetts Potatoes 95% harvested, 85% 2008, 85% average; condition good. Field Corn for Silage 75% harvested, 85% 2008, 80% average; condition fair. Sweet Corn 99% harvested, 100% 2008, 99% average; condition good/fair. Second Crop Hay 100% harvested, 99% 2008, 99% average; condition good/excellent in Vermont, fair to poor in Connecticut, and good/fair elsewhere. Third Crop Hay 85% harvested, 80% 2008, 85% average; condition good/excellent in Vermont, good/fair elsewhere. Apples 80% harvested, 80% 2008, 80% average; Fruit Size average/above; condition good/fair in Connecticut and Maine, good/excellent elsewhere. Pears 95% harvested, 95% 2008, 95% average; Fruit Size average; condition fair in Connecticut and New Hampshire, good elsewhere. Massachusetts Cranberries 40% harvested, 60% 2008, 60% average; Fruit Size average; condition good/excellent. The week began cloudy across of New England with isolated light rain showers in Vermont and New Hampshire. High temperatures were below average to average during most of the week ranging in the upper 50s to upper 60s. Nighttime lows were average to above average in the low 40s to mid-50s. Rain and thunderstorms moved through the area during the night Tuesday and continued through Wednesday bringing between a tenth to two inches of rainfall to New England. An additional tenth to half an inch of rain fell on Friday in many areas. The weekend brought cooler temperatures, partly cloudy skies, and windy conditions to the region. Frosts were reported across New England Sunday morning when temperatures dipped down into the upper 20s in areas. The weekend's weather provided excellent harvesting conditions and pick your own operations were busy. Total rainfall for the week ranged from a tenth of inch in Southern Connecticut to nearly three inches in Northern Maine and New Hampshire. Growers were harvesting dry hay, haylage, corn for silage, and potatoes, cleaning up harvested fields, planting cover crops, spreading manure, cleaning and storing equipment for winter, harvesting fall vegetables, as well as apples and pears.

NEW JERSEY: Days suitable for field work 7.0. Topsoil moisture 90% adequate, 10% surplus. Subsoil moisture 95% adequate, 5% surplus. There were measurable amounts of rainfall during the week in most localities. Temperatures were above normal across the Garden State. Conditions were mostly good for corn and soybeans as harvesting progressed throughout the week. Corn harvested for silage continued. Producers began planting wheat. Vegetable harvest continued winding down for eggplant, peppers, and tomatoes. Fall varieties of spinach, snap beans, cabbage, and lettuce harvesting progressed. Cranberries approached mid-harvest with conditions rated mostly good. Apple harvest continued for late season varieties. Other activities included haywork, field maintenance, and cover crop establishment.

NEW MEXICO: Days suitable for fieldwork 6.9. Topsoil moisture 28% very short, 40% short, 31% adequate, 1% surplus. Wind damage 1% light. Alfalfa 2% very poor, 4% poor, 14% fair, 66% good, 14% excellent; 93% of the fifth cut completed, 44% of the sixth cutting complete, 12% of the seventh cutting complete. Cotton 9% poor, 41% fair, 39% good, 11% excellent; 95% setting bolls, 72% bolls opening, 5% harvested. Corn 24% fair, 41% good, 35% excellent; 89% dent, 61% mature, 11% grain harvested. Irrigated sorghum 3% poor, 22% fair, 72% good, 3 excellent; 100% coloring, 23% mature. Dry sorghum 4% very poor, 36% poor, 49% fair, 11% good; 87% coloring, 24% mature, 3% harvested for grain. Total sorghum 3% very poor, 24% poor, 40% fair, 32% good, 1% excellent; 92% coloring, 24% mature, 2% harvested. Irrigated winter wheat 16% fair, 84% good; 88% emerged. Dry winter wheat 73% fair, 27% good; 100% emerged. Total winter wheat 50% fair, 50% good; 95% emerged. Peanuts 97% fair, 3% good; 9% harvested. Chile 2% poor, 35% fair, 39% good, 24% excellent; 98% green chile harvested, 28% red chile harvested. Apple 25% very poor, 31% fair, 38% good, 6% excellent; 40% harvested. Pecans 1% very poor, 3% poor, 28% fair, 48% good, 20% excellent. Cattle 1% very poor, 15% poor, 53% fair, 31% good. Sheep 22% poor, 47% fair, 31% good. Range and pasture 11% very poor, 31% poor, 43% fair, 14% good, 1% excellent. Average temperatures this week were below normal in the north and eastern part of the state and above normal in the central and southwestern parts of the state. Average temperatures were mainly in the 50's with higher average temperatures in the mid to upper 60's for the southwest portion of the state. Rainfall this week stayed around a quarter of an inch in most areas. Wednesday and Thursday were the two days this week when we

received most of our rainfall. Some rainfall amounts: Chama with 0.29 inches, Los Alamos 0.22 in., Des Moines 0.22 in., Raton 0.19 in., Quemado 0.24 in., and Tatum with 0.81 inches.

NEW YORK: Days suitable for fieldwork 4.2. Soil moisture 2% short, 65% adequate and 33% surplus. Pastures were rated 1% very poor, 11% poor, 38% fair, 42% good, and 8% excellent. Corn condition 8% poor, 24% fair, 56% good, 12% excellent. Potatoes 87% harvested, 87% 2008, 87% average. Alfalfa 3rd cutting 97%, 97% average. Silage corn 65%, 75% 2008, 79% average. Grain corn 3%, 10% 2008, 13% average. Dry beans 67%, 65% 2008, 52% average. Soybeans 17%, 18% 2008, 22% average. Apple condition 1% poor, 1% fair, 14% good, 84% excellent. Grapes 23% poor, 34% fair, 38% good, 5% excellent. Apples 52% harvested, 73% 2008, 70% average. Grapes 54%, 73% 2008, 68% average. In the Finger Lakes grape region, harvest of early native and hybrid varieties was complete. In Long Island vineyards, harvest of Sauvignon Blanc and Chardonnay started. Tomato 96% harvest, 98% average. Onions 97%, 93% average. Sweet corn 93%, 97% 2008, 99% average. Snap beans 97%, 99% average. Cabbage 91%, 89% average. Tomato condition 40% poor, 16% fair, 43% good, 1% excellent. Cucumbers 26% fair, 74% good. Lettuce 87% fair, 13% good. Onions 3% fair, 97% good. Sweet corn 5% poor, 26% fair, 57% good, 12% excellent. Snap beans 15% poor, 36% fair, 44% good, 5% excellent. Cabbage 35% fair, 53% good, 12% excellent. Temperatures and precipitation were around normal for the week.

NORTH CAROLINA: Days suitable for fieldwork 5.2. Topsoil moisture 1% very short, 13% short, 71% adequate, 15% surplus. The state received some rain last week with the majority falling in the southern portion of the state. Precipitation ranged from no rain to 1.72 inches in Maxton. Average temperatures were above normal, ranging from 57 to 71 degrees. Activities during the week included harvesting corn, tobacco, peanuts, apples, and tending to livestock.

NORTH DAKOTA: Days suitable for fieldwork 2.3. Topsoil moisture 1% very short, 14% short, 75% adequate, 10% surplus. Subsoil moisture 2% very short, 20% short, 69% adequate, 9% surplus. Durum wheat 95% harvested, 100% 2008, 96% average. Canola 95% harvested, 100% 2008, 99% average. Flaxseed 82% harvested, 96% 2008, 95% average. Dry edible beans 58% cut, 87% 2008, 91% avg.; 45% harvested, 74% 2008, 82% average. Potatoes 84% dug, 90% 2008, 89% average. Sugarbeets 54% lifted, 58% 2008, 58% avg.; condition 1% very poor, 6% poor, 28% fair, 56% good, 9% excellent. Sunflowers 83% bracts turned brown, 83% 2008, 91% avg.; condition 1% very poor, 1% poor, 19% fair, 66% good, 13% excellent. Corn for silage 68% chopped, 87% 2008, 92% average. Stockwater supplies 1% very short, 6% short, 88% adequate, 5% surplus. A killing frost occurred across the state this past week, effectively ending the growing season for most crops. Reporters noted that the frost left most crops with high moisture content. Warmer temperatures are needed to dry down high moisture fields.

OHIO: Days suitable for fieldwork 3.4. Soil moisture 0% very short, 6% short, 67% adequate, 27% surplus. Corn 1% very poor, 4% poor, 19% fair, 50% good, 26% excellent. Livestock condition 0% very poor, 1% poor, 13% fair, 72% good, 14% excellent. Pasture and Range 2% very poor, 9% poor, 29% fair, 50% good, 10% excellent. Soybeans 1% very poor, 4% poor, 24% fair, 54% good, 17% excellent. Corn 67% mature, 86% 2008, 88% avg.; harvested for grain 6%, 23% 2008, 20% avg.; silage harvested 93%, 99% 2008, 96% avg. Soybeans dropping leaves 96%, 100% 2008, 98% avg.; 76% mature, 86% 2008, 87% avg.; 28% harvested, 51% 2008, 50% avg. Winter wheat 39% planted, 61% 2008, 53% avg.; 4% emerged, 16% 2008, 13% avg. Alfalfa hay fourth cutting 82%, 86% 2008, 84% avg. Other hay third cutting 88%, 100% 2008, 92% avg. Apples % fall & winter varieties harvested 72%, 65% 2008, 66% avg. Grapes 70% harvested, 71% 2008, 67% avg. Potatoes 79% harvested, 92% 2008, 92% avg. Processing tomatoes 93% harvested, 94% 2008, 95% avg.

OKLAHOMA: Days suitable for fieldwork 2.8. Topsoil moisture 4% very short, 7% short, 59% adequate, 30% surplus. Subsoil moisture 8% very short, 12% short, 66% adequate, 14% surplus. Wheat seedbed prepared 95% this week, 93% last week, 96% last year, 97% average. Rye condition 2% very poor, 3% poor, 13% fair, 76% good, 6% excellent; 93% planted this week, 85% last week, 93% last year, 89% average; 78% emerged this week, 52% last week, 75% last year, 67% average. Oats seedbed prepared 79% this week, 77% last week, 71% last year, 78% average; 36% planted this week, 22% last week, 28% last year, 34% average; 21% emerged this week, N/A last week, 11% last year, 16% average. Corn 94% mature this week, 92% last week, 91% last year, 98% average; 66% harvested this week, 54% last week, 72% last year, 87% average. Soybeans condition 1% very poor, 5% poor, 34% fair, 40% good, 20% excellent; 47% mature this week, 40%

last week, 48% last year, 63% average; 16% harvested this week, 13% last week, 17% last year, 35% average. Peanuts mature 70% this week, 60% last week, 82% last year, 83% average; dug 32% this week, 17% last week, 29% last year, 30% average. Alfalfa hay condition 1% very poor, 8% poor, 38% fair, 46% good, 7% excellent; 4th cutting 95% this week, 93% last week, 100% last year, 98% average; 5th cutting 52% this week, 47% last week, 72% last year, 72% average; 6th cutting N/A this week, N/A last week, 12% last year, 19% average. Other hay 2nd cutting 78% this week, 74% last week, 81% last year, 83% average. Livestock condition 1% poor, 4% poor, 25% fair, 59% good, 11% excellent. Pasture and range condition 2% very poor, 9% poor, 32% fair, 49% good, 8% excellent. Livestock Prices for feeder steers less than 800 pounds averaged \$95 per cwt. Prices for heifers less than 800 pounds averaged \$86 per cwt. Livestock conditions continued to rate in the mostly good to fair range. Average livestock marketings were reported last week.

OREGON: Days suitable for fieldwork 6.5. Topsoil moisture 29% very short, 47% short, 24% adequate, 0% surplus. Subsoil moisture 37% very short, 45% short, 18% adequate, 0% surplus. Winter Wheat 51% planted, 54% 2008, 59% avg.; 25% emerged, 5% 2008, 21% average. Corn Condition 0% very poor, 1% poor, 16% fair, 64% good, 19% excellent. Range, Pasture 23% very poor, 31% poor, 29% fair, 17% good, 0% excellent. Weather Temperatures continued to fall, with twenty-eight of forty-three stations reporting sub-freezing temperatures. High temperatures ranged from 77 degrees in Medford, down to 55 degrees in Joseph. Fourteen stations reported temperatures in the 70s. This was the first week since May that temperatures remained below 80 degrees across the State. Lows ranged from 15 degrees in Redmond, up to 40 degrees in Crescent City. Only ten stations reported measurable precipitation (compared to forty stations in the previous week), although only four accumulated more than a tenth of an inch. Condon led the way with 0.49 inches. Field Crops Some winter wheat was seeded in western Oregon, some was about to start in anticipation of coming rains. Soil was dry. Grass seed fields were burned, plowed, planted. Corn silage harvest in western Oregon was finishing. Some Gilliam planted wheat was seeded too deep, will have to be replanted. Even direct seeding was being planted in Morrow County, about two weeks earlier than last year. Wasco County wheat planting continued, a few fields were turning green. The carrot seed harvest was complete, the sugarbeet harvest was nearly complete. Vegetables The cold, wet weather slowed farmers markets down, but an array of fresh vegetables was still available. Squash, pumpkins were being harvested, while some late sweet corn, tomatoes, bell peppers were harvested as well. Fruits, Nuts Through dry weather conditions, farmers sped along with harvesting to stay ahead of forecasted rain. Grape harvest progressed across the State, just starting in Yamhill County, winding down in Josephine County. Rain next week may keep grapes on the vine longer, which could affect quality. A good crop of hazelnuts continued to be harvested in the south Willamette Valley. The winter pear harvest continued in the upper Hood River Valley, the apple harvest continued throughout the Valley. Nurseries, Greenhouses. Greenhouses were shipping fall decorative plants. Seasonal greenhouses continued to shut down for the year. Fall digging of nursery plants continued with good field conditions. Sales of fall planting stock picked up in some areas. Livestock, Range Pasture Livestock were being moved to greener, lower elevation pastures, range. Calves were being weaned, vaccinated in preparation for the fall feeder sales. More rain was needed to help pastures.

PENNSYLVANIA: Days suitable for fieldwork 4. Soil moisture 2% very short, 7% short, 83% adequate, 8% surplus. Fall plowing 51% complete, 65% 2008, 64% avg. Corn 95% dough, 100% 2008, 100% avg.; 90% dent, 100% 2008, 99% avg.; 62% mature, 89% 2008, 90% avg.; 18% harvest, 34% 2008, 42% avg. Corn 82% Silage, 95% 2008, 95% avg. Barley 82% planted, 72% 2008, 76% avg.; 46% emerged, 38% 2008, 45% avg. Winter Wheat 60% planted, 57% 2008, 57% avg.; 36% emerged, 22% 2008, 28% avg. Soybeans 20% harvest, 29% 2008, 23% avg. Potatoes 76% harvest, 92% 2008, 94% avg. Alfalfa fourth cutting 86% complete, 88% 2008, 81% avg. Apples 85% harvested, 68% 2008, 78% avg. Grape 37% harvest, 66% 2008, 57% avg. Corn crop condition 1% very poor, 3% poor, 12% fair, 51% good, 33% excellent. Soybean crop condition 4% poor, 14% fair, 45% good, 37% excellent. Quality of hay made 1% very poor, 19% poor, 28% fair, 41% good, and 11% excellent. Pasture conditions 5% very poor, 11% poor, 25% fair, 43% good, 16% excellent. The weather has quickly started to become cold. Farmers are closely monitoring the weather forecasts for frost warnings. Primary field activities were making hay, planting barley and wheat, seeding alfalfa, filling silos, as well as

harvesting corn, soybeans, grapes, potatoes, apples, and vegetables. Fall plowing continues, and is 51% completed, behind last year's 65%, and the five year average of 64%.

SOUTH CAROLINA: Days suitable for fieldwork 5.5. Soil moisture 6% very short, 20% short, 74% adequate, 0% surplus. Soybeans 1% very poor, 7% poor, 40% fair, 47% good, 5% excellent; leaves turning color 70%, 51% 2008, 57% avg.; leaves dropped 32%, 19% 2008, 23% avg.; 19% mature, 8% 2008, 11% avg.; 5% harvested, 2% 2008, 2% avg. Livestock condition 1% very poor, 2% poor, 24% fair, 71% good, 2% excellent. Winter grazings 0% very poor, 0% poor, 51% fair, 48% good, 1% excellent. Corn 99% harvested, 99% 2008, 99% avg. Winter wheat 12% planted, 8% 2008, 13% avg.; 2% emerged, 1% 2008, 3% avg. Oats 10% planted, 14% 2008, 11% avg.; 2% emerged, 1% 2008, 4% avg. Tobacco stalks destroyed 99%, 96% 2008, 94% avg. Winter grazings 54% planted, 48% 2008, 44% avg.; grazings 20% emerged, 14% 2008, 13% avg. Several South Carolina locations received much needed rain this past week which helped to ease dry soils and improve crop conditions. Soil moisture levels progressed substantially and were reported 6% very short, 20% short, and 74% adequate. The corn harvest was nearly complete by week's end. Eighty-nine percent of cotton bolls had opened which coincided with the five year average. Fifteen percent of cotton had been harvested. Seventy percent of soybeans turned color and 32% had dropped leaves, both remaining well ahead of historical indications. Nineteen percent of soybeans were mature and 5% of the crop had been harvested. Some reporters indicated that half of the soybean crop benefitted from the recent precipitation, but it may be too late for the other half to receive any benefits from rain. Half of the peanut crop had been harvested, but some dug peanuts are sitting in wet fields waiting to dry out. Nearly all tobacco stalks have been destroyed. Winter wheat continued to be planted and some crops are just beginning to emerge. Likewise, 10% of oats were in the ground and 2% had emerged. Winter wheat made substantial gains this past week with 54% reported as planted and 20% emerged.

SOUTH DAKOTA: Days suitable for fieldwork 2.3. Topsoil moisture 1% very short, 17% short, 77% adequate, 5% surplus. Subsoil moisture 3% very short, 36% short, 58% adequate, 3% surplus. Corn silage 86% harvested, 95% 2008, 97% avg. Sorghum silage 86% harvested, 94% 2008, 96% avg. Soybeans 93% mature, 93% 2008, 94% avg. Sunflower bracts yellow 98%, 99% 2008, 98% avg.; 72% mature, 53% 2008, 69% avg.; 1% very poor, 4% poor, 23% fair, 58% good, 14% excellent. Alfalfa hay 1% very poor, 4% poor, 24% fair, 55% good, 16% excellent. Feed supplies 4% short, 88% adequate, 8% surplus. Stock water supplies 1% very short, 8% short, 85% adequate, 6% surplus. Cattle condition 1% poor, 11% fair, 72% good, 16% excellent. Sheep condition 2% poor, 13% fair, 65% good, 20% excellent. A hard freeze across the state brought the growing season to a close. South Dakota row-crop harvest remains behind schedule due to the wet conditions throughout the week.

TENNESSEE: Days suitable for fieldwork 3. Topsoil moisture 64% adequate, and 36% surplus. Subsoil moisture 4% short, 70% adequate, and 26% surplus. Winter Wheat 13% seeded, 10% 2008, 15% average. Burley 85% harvested, 88% 2008, 96% avg.; Stripped 9%, 8% 2008, 18% average. Dark Fire-Cured 90% harvested, 98% 2008, 98% average. Pastures 2% poor, 19% fair, 64% good, 15% excellent. The familiar refrain for the Volunteer State this fall has been weekly soaking rains that limited fieldwork. After a short break in the rain a week earlier, precipitation returned in abundance across the entire state, hindering already delayed harvest efforts. Soft, muddy fields were reported in nearly all areas of the state. As a result, harvest for all major row crops remained well behind the normal pace. Nearly a third of the cotton crop was defoliated last week, but harvest progress is the slowest since records began in 1969. Burley growers have begun stripping on a limited basis with reports of various curing problems. Just over a tenth of the state's winter wheat crop has been seeded, slightly behind the normal pace. Other farm activities included cutting and baling hay. Temperatures averaged 1 to 3 degrees below normal over western and middle sections of the state and were 2 to 3 degrees above normal elsewhere. Rainfall averaged above normal across the entire state.

TEXAS: Top soil moisture was mostly adequate to surplus across the state. Cotton condition was mostly fair to good statewide. Corn condition was mostly fair to good statewide. Sorghum condition was mostly very poor to fair statewide. Peanut condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Soybean condition was mostly poor to fair statewide. Range and Pasture condition was mostly fair to good statewide. Scattered

showers were observed across much of the state. The northeast part of the state received the most rain with up to 2 to 6 inches in isolated areas. Winter wheat planting continued, producers sprayed defoliant on cotton, and corn and soybean harvest was active in the Northern High Plains. Recent rainfall and cooler temperatures improved wheat conditions in the Northern Plains. Army worms caused wheat to suffer in the Blacklands. Wheat and oats were emerging in South Texas. High winds and large hail damaged cotton in parts of the Southern High Plains. In the Trans-Pecos, Pawnee pecan cultivar harvest was active and the Western pecan was in the final stage of maturity. Soybeans continued to progress well in the Upper Coast while pods were filling. Supplemental feeding of livestock took place in localized areas of the state. Range and pastures continued to improve due to the recent rainfall across most of the state.

UTAH: Days suitable for field work 7. Subsoil moisture 9% very short, 36% short, 55% adequate, 0% surplus. Irrigation Water Supplies 20% very short, 20% short, 60% adequate, 0% surplus. Winter Wheat, Planted For Harvest Next Year 85%, 70% 2008, 76% avg. Corn 90% mature, 65% 2008, 78% avg. Corn harvested (grain) 22%, 0% 2008, 21% avg. Corn condition 0% very poor, 1% poor, 27% fair, 61% good, 11% excellent. Alfalfa height 36%, 36% 2008, 36% avg. Alfalfa Hay 3rd Cutting 98%, 97% 2008, 99% avg. Alfalfa Hay 4th Cutting 66%, 35% 2008, 68% avg. Alfalfa Seed 66% Harvested, 44% 2008, 59% avg. Onions 89% harvested, 84% 2008, 87% avg. Cattle and calves moved From Summer Range 62%, 48% 2008, 64% avg. Cattle and calves condition 0% very poor, 1% poor, 15% fair, 76% good, 8% excellent. Sheep and lambs moved From Summer Range 70%, 49% 2008, 65% avg. Sheep Condition 0% very poor, 1% poor, 9% fair, 85% good, 5% excellent. Stock Water Supplies 13% very short, 22% short, 65% adequate, 0% surplus. Apples 74% harvested, 58% 2008, 71% avg. Peaches 94% harvested, 100% 2008, 100% avg. Pears 83% harvested, 99% 2008, 98% avg. The harvest is wrapping up for most crops. The weeks temperatures were below normal with the highs in the 50s and 60s and the lows in the 30s and 40s but the lows were above freezing in most farming areas. Box Elder County reported that producers continued field work, including; cutting grain corn, harvesting safflower, planting fall wheat, and baling the remainder of the hay crop. Cache County reported that safflower harvest is fully underway and corn silage harvest will be finished within the next few days. Winter wheat is being planted. Manure is being spread on stubble fields. The days are getting shorter and most field work will wind to a halt within just a few weeks. Morgan County reported that corn matured late and much of the silage was harvested at a lower level of maturity than desired. Weber County reported that corn silage and alfalfa production were average. More alfalfa was rained on than normal. Onion harvest is underway. Sevier County reported that range and crop conditions are very very dry and they are hoping for rain. Carbon County reported that dry weather has helped the fall harvest move along nicely. Duchesne County reported that it was windy most of the past week with temperatures at night close to the freezing mark. Producers throughout the county worked to harvest 3rd crop hay and some 4th crop. Many producers were debating between grazing or cutting the 4th crop. They are worried that if they cut it may not get it dry. Most of the corn silage has been harvested and they are starting to harvest earlage and high moisture corn. Dagget County reported that harvest of corn silage and 3rd crop hay are nearing completion. Beaver County reports that there is a lot of concern from farmers over what to do with their alfalfa hay because prices are low and there is a lot of hay in the county. Box Elder County reported that dairy operators continue to struggle with the low milk prices but the price has increased slightly in the past month. Cattle and sheep are being moved from summer ranges with the majority now at home or on fall pastures. Cache County reported that there is still ample feed in pastures and cultivated fields for beef cattle grazing. Beef calves are being weaned and sold. Dairy producers are grateful for a slight increase in milk prices. Carbon County reported that Cattle and sheep are starting to come off the mountain in large numbers. Feed supplies seem to be adequate but there is still concern about stock water on the fall and winter range. Duchesne County reported that livestock have started to come home from the mountains and this will continue through the end of the month. Dagget County reported that Livestock are coming off summer ranges in good shape and producers are getting calves ready for shipping. Summit County reported that Cattle and sheep producers continue to move livestock off summer ranges, and are shipping calves and lambs to market. Beaver County reported that farmers are bringing in their calves and getting them weaned. Most look pretty good but a lot of the ranges especially on the west side of the county are in poor condition

because of the lack of rain. Wayne County reported that serious drought conditions are setting in. Stream flow in the Fremont River (Bicknell Bottoms gauging station) is setting new record lows; stream flow is the lowest in the last 32 yrs. Some winter ranges are in very poor condition. Cattle are starting to come home from the summer range 10-20 days early because they are out of feed.

VIRGINIA: Days suitable for fieldwork 6.0. Topsoil moisture 4% very short, 30% short, 65% adequate, 1% surplus. Subsoil moisture 5% very short, 34% short, 61% adequate. Pasture 4% very poor, 16% poor, 36% fair, 37% good, 7% excellent. Livestock 1% very poor, 2% poor, 17% fair, 62% good, 18% excellent. Corn 100% mature; 99% 2008; 100% 5-yr avg.; for grain harvested 53%; 64% 2008; 68% 5-yr avg.; 95% silage harvested; 93% 2008; 98% 5-yr avg.; condition 3% very poor, 8% poor, 23% fair, 50% good, 16% excellent. Soybeans dropping leaves 72%; 59% 2008; 75% 5-yr avg.; 7% harvested; 4% 2008; 10% 5-yr avg.; condition 6% poor, 16% fair, 51% good, 27% excellent. Winter Wheat seeded 20%; 18% 2008; 16% 5-yr avg.; 4% emerged; 3% 2008; 3% 5-yr avg. Barley Seeded 51%; 56% 2008; 50% 5-yr avg. Flue-cured tobacco harvested 89%; 65% 2008; 88% 5-yr avg. Burley tobacco harvested 99%; 92% 2008; 97% 5-yr avg. Peanut dug 50%; 44% 2008; 55% 5-yr avg.; combined 25%; 31% 2008; 41% 5-yr avg.; condition 5% fair, 72% good, 23% excellent. Cotton bolls opening 85%; 93% 2008; 97% 5-yr avg.; 15% harvested; 18% 2008; 25% 5-yr avg.; condition 6% poor, 12% fair, 54% good, 28% excellent. Fall Apples 85% harvested; 73% 2008; 83% 5-yr avg. Winter Apples 47% harvested; 41% 2008; 36% 5-yr avg.; All Apple condition 2% poor, 24% fair, 74% good. Oats for Grain seeded 37%; 50% 2008; N/A% 5-yr avg. Clear, dry weather this week allowed for the continued harvest of row crops, as well as, apples, hay, and fall vegetables. However, the lack of moisture has suspended small grain plantings in many areas, as farmers are waiting for additional rainfall to improve dry soil conditions. Pasture conditions have also suffered from the lack of rain, and producers are supplementing with hay, which has been readily available due to an abundant crop this year. Peanut harvest is in full swing, with very good yields being reported. Some post harvest activities have been taking place, such as the shredding of corn stalks, planting of cover crops on various fields, and the disking of tobacco fields where harvest is complete.

WASHINGTON: Days suitable for fieldwork 6.7. Topsoil moisture conditions 17% very short, 49% short, 33% adequate and 1% surplus. Fall seeding continued in the major grain growing counties but was slowing as more farms finished. The lack of adequate soil moisture was a growing concern in Whitman and other counties while Walla Walla County appeared to be the exception. In general, winter wheat had emerged well with good moisture conditions going into the fall but a warm, long fall without major rainfall in many areas had taken a toll on newly emerged plants. In addition, heavy winds in the central counties rearranged topsoil in many localities further hindering emerging wheat. In Grant and other counties, grain corn and potato harvest were well underway. On the western side, Christmas tree growers were busy preparing fields for harvest. In the Yakima Valley, reports of apple-producing areas in the lower Yakima County experiencing severe gusts of wind approaching 20-30 mph last weekend were noted. The wind created some localized crop loss as it dislodged a significant portion of the late-maturing apple varieties in some orchards. This weekend, nighttime lows dropped between 18 to 25 degrees terminating the vegetable production season throughout the county. Temperatures this low may impact the quality and storability of the late-maturing apple crop. Throughout the week, apple harvest continued with Jonagold, Red Delicious, Fuji and Granny Smith

apples coming in. In Pacific County, cranberry growers continued harvest operations. Range and pasture conditions 13% very poor, 20% poor, 44% fair, 22% good and 1% excellent. On both sides of the State, cattle were coming down from mountain pasture and weaning had begun. On the eastern side, range land conditions were deteriorating with the advancing fall.

WEST VIRGINIA: Days suitable for field work 5. Topsoil moisture 6% very short, 21% short, 72% adequate and 1% surplus compared with 36% very short, 37% short and 27% adequate last year. Corn conditions 2% poor, 18% fair, 55% good, 25% excellent; 93% dented, 96% 2008, 5-yr avg. not available. Corn 53% mature, 65% 2008, 74% 5-yr avg.; 14% harvested, 21% 2008, 28% 5-yr avg. Soybean conditions 9% fair, 80% good, 11% excellent; dropping leaves 89%, 79% 2008, 88% 5-yr avg.; 22% harvested, 27% 2008, 23% 5-yr avg. Wheat 46% planted, 37% 2008, 29% 5-yr avg.; 17% emerged, 13% 2008, 12% 5-yr avg. Hay was reported 4% poor, 39% fair, 46% good and 11% excellent. Hay third cutting was reported 73% complete, 76% in 2008, 69% 5-yr avg. Apple conditions 44% fair, 54% good 2% excellent; 63% harvested, 60% 2008, 62% 5-yr avg. Cattle and calves were 2% poor, 14% fair, 81% good and 3% excellent. Sheep and lambs were 1% poor, 17% fair, 80% good and 2% excellent. Farming activities included making hay, harvesting corn, soybeans and apples, planting cover crops, and marketing calves and lambs.

WISCONSIN: Days suitable for fieldwork 3.4. Topsoil moisture 1% very short, 8% short, 74% adequate, and 17% surplus. Temperatures were 5 to 10 degrees below normal. Average high temperatures ranged from 50 to 55 degrees across the state. Lows averaged from 36 to 44 degrees for the week. Across the reporting stations, precipitation ranged from 0.32 inches in Madison to 1.28 inches in Green Bay. Corn in the mature stage was 58 percent complete. Corn 68% harvested for silage, harvested for grain was 2%. Soybeans 90% dropping leaves, 7% harvest. Fall tillage was 13% complete. Wet conditions kept many farmers out of the fields, but helped replenish soil moisture levels across most of the state and benefitted recently planted winter wheat. Rain, cool temperatures, and cloudy skies slowed dry down for corn and soybeans, and frost occurred across much of the state, which some growers hoped would aid dry down.

WYOMING: Days suitable for field work 2.5. Topsoil moisture 14% short, 81% adequate, 5% surplus. Subsoil moisture 5% very short, 27% short, 68% adequate. Winter Wheat 99% emerged, 90% previous week, 97% 2008, 94% avg.; condition 1% poor, 8% fair, 90% good, 1% excellent. Dry Beans 91% windrowed, 91% previous week, 92% 2008, 94% avg.; 79% combined, 78% previous week, 69% 2008, 74% avg. Corn 91% dented, 86% previous week, 86% 2008, 91% avg.; 84% mature, 65% previous week, 52% 2008, 63% avg.; 2% harvested, 2% previous week, 3% previous year, 8% avg.; harvested for silage 95% harvested, 87% previous week, 94% 2008, 96% avg.; condition 2% very poor, 3% poor, 18% fair, 77% good. Sugarbeets 24% harvested, 17% previous week, 13% previous year, 18% avg.; condition 7% poor, 17% fair, 72% good, 4% excellent. Alfalfa harvested 75% third cutting, 52% previous week, 60% 2008, 74% avg. Range and pasture conditions 1% very poor, 15% poor, 35% fair, 46% good, 3% excellent. Stock water supplies 13% short, 87% adequate. Cold and wet across the State with heavy wet snowfall. Bean and sugarbeet harvest has been stopped late in the week due to heavy wet snow. Activities hay harvest, sugar beet harvest, moving hay to stock yards, moving livestock.