**Weekly Weather and Crop Bulletin State Stories**

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**ARKANSAS:** Days suitable for fieldwork 2.6. Topsoil moisture 4% short, 53% adequate, 43% surplus. Subsoil moisture 5% short, 63% adequate, 32% surplus. Corn 100% silked, 100% 2008, 100% avg.; 88% dough, 88% 2008, 91% avg.; 60% dented, 60% 2008, 64% avg.; 5% mature, 3% 2008, 11% avg.; condition 6% very poor, 11% poor, 34% fair, 34% good, 15% excellent. Sorghum 1% mature, 1% 2008, 4% avg. Rain last week kept many field activities to a minimum, but some producers were able to apply herbicides, fungicides, and fertilizers to the crops. There were several reports of lowland field flooding. The entire corn crop reached the silk stage by week's end. Corn in the dough stage increased 13%, was the same as 2008 but 3% behind the five-year average. Corn in the dough stage was the same as last year but 4% behind the five-year average. Cotton squaring was complete by the end of the week, finally reaching last year's and the five-year average. Cotton setting bolls was still a week behind, 8% behind last year and 7% behind the five-year average. Rice headed was 7% ahead of 2008 but 16% behind the five-year average. There were a few reports of fungicide applications made to rice for blast and sheath blight. Sorghum headed progressed 8%, 6% ahead of 2008 and 1% ahead of the five-year average. Sorghum coloring was the same as last year but 19% behind the five-year average. Soybeans blooming increased 14%, 7% ahead of last year but 6% behind the five-year average. Soybeans setting pods was 2% ahead of 2008 but 15% behind the five-year average. Insecticides were being applied to some soybean fields for worms. Cooler temperatures were beneficial to livestock as they were reported in fair to good condition. Pasture and range and hay crops were in fair to good condition while producers continued to for drier weather to harvest hay.

**CALIFORNIA:** Early planted rice fields began to develop seed heads. Aerial herbicide applications were nearly completed. Winter wheat harvest was virtually completed. Good cotton crop conditions were reported; plants continued squaring and setting bolls. Corn for silage was harvested and supplied to dairies. Alfalfa continued to be cut and baled. Safflower fields were drying in preparation to be harvested. Crop upkeep continued with cotton, alfalfa, corn, and sunflower fields being monitored and treated for insect pests. Harvested fields of small grains were being prepared for fall planting. Fig, nectarine, peach, plum, and other stone fruit harvests continued normally in the San Joaquin and Sacramento valleys. The Summer Royal and Flame Seedless grape harvest continued in full swing in the San Joaquin Valley, with the addition of Thompson seedless grapes being harvested. Treatments were applied to grape vineyards to control mildew and weeds. Central Coast vineyards continued to develop well, though spraying to control mildew was ongoing. The blackberry harvest continued. Pomegranate development continued. The gala apple harvest began in the San Joaquin Valley. The valencia orange harvest continued in the San Joaquin Valley, as red scale treatments were applied in citrus groves. New citrus groves continued to be planted. Normal spraying and maintenance continued in orchards and vineyards, along with increased irrigation to deal with hotter temperatures. Codling moth and miticide sprays continued for walnuts and almonds in the Sacramento and San Joaquin valleys. Walnuts have been developing well. Hull split in almonds continued to pick up pace in most orchards. Some San Joaquin almond trees have suffered salt water damage due to irrigation with salty well water, though these occurrences have been fairly limited in scope. Summer vegetables such as squash, carrots, radishes, tomatoes, peppers, eggplant and cucumbers were growing well and being harvested in Fresno County. Lettuce beds were prepared for fall planting. Growers continued planting melons, eggplant, cucumbers, and squash by seed and transplants. The harvesting of watermelon, cantaloupe, honeydew and mixed melons was in full swing. Successive bean plantings continued for nut beans. Some fields that were previously harvested were being disked and cultivated. Field activities continued and included weed control with herbicides, hand crews, soil fumigation, and bed shaping. Sweet corn fields were being harvested and treated to control worms. Some onion
and garlic fields were rolled and bulbs were cured in preparation of harvest. Processing and fresh market tomato fields were being harvested, with about fifty percent complete. Yields were high and quality was fine, except for some sunburn issues. The carrot harvest began with good yield and quality. Farmers started to plant winter carrots.

In Tulare County, the harvest of vegetable crops and melons for farmers' markets continued. Melons were treated for cucumber beetles, loopers; weed treatments were applied to corn. Processing tomatoes were treated for lygus, mold, powdery mildew, aphids and spider mites. Processing tomatoes in Yuba County were ripening and beginning to show color. Stanislaus County's harvest of vegetables was full swing with no reported problems. Sulfur applications were applied to tomatoes. The last of the onions and garlic in Kern County were being harvested. The carrot harvest was at a standstill and will not continue until September. The planting of fresh market tomatoes was winding down in Merced County and worm sprays were applied to the fields.

The harvests continued for fresh market and processing tomatoes, bell peppers, fresh market red and white onions, honeydew and cantaloupe. Mostly poor to very poor dry-land pasture and rangeland conditions in most areas of the state continued to be a substantial challenge to livestock producers, as available forage continued to decline with the typical summer temperatures. Dary herd reduction continued at a slower pace. Some sheep and goats were grazing on dry-land grain fields, retired farmland and some rangeland. Honeybees were in sunflower, vineseed, melon, squash, and cucumber fields. Honeybees and leaf cutter bees were in seed alfalfa fields.

**COLORADO** Days suitable for field work 5.6. Topsoil moisture 4% very short, 20% short, 70% adequate, 6% surplus. Subsoil moisture 3% very short, 35% short, 61% adequate 1% surplus. Alfalfa 50% 2nd cutting 77% 2008, 72% avg.; condition 5% poor 18% fair, 59% good, 18% excellent. Dry Beans 55% flowered, 70% 2008, 60% avg.; condition 16% fair, 66% good, 18% excellent. Spring barley 86% turning color 86% 2008, 89% avg.; 14% harvested, 14% 2008, 15% avg.; condition 2% poor, 15% fair, 50% good, 33% excellent. Dry onions condition 15% fair, 75% good, 10% excellent. Sugarbeets condition 3% poor, 14% fair, 70% good, 13% excellent. Summer potatoes condition 20% fair, 70% good, 10% excellent. Fall potatoes condition 2% poor, 24% fair, 42% good, 32% excellent. Spring wheat 98% healthy, 100% 2008, 100% avg.; 78% blooming color, 85% 2008, 80% avg.; 12% harvested, 9% 2008, 16% avg.; condition 2% poor, 20% fair, 56% good, 22% excellent. This week parts of the State experienced high volume of rainfall while other parts of the state experienced no rainfall. Most areas across the State reported below average to very good moisture conditions in most areas of the state continued to be a substantial challenge to livestock producers, with available forage conditions in most areas of the state continued to be a substantial challenge to livestock producers, as available forage continued to decline with the typical summer temperatures. Dary herd reduction continued at a slower pace. Some sheep and goats were grazing on dry-land grain fields, retired farmland and some rangeland. Honeybees were in sunflower, vineseed, melon, squash, and cucumber fields. Honeybees and leaf cutter bees were in seed alfalfa fields.

**FLORIDA:** Topsoil moisture 3% very short, 13% short, 65% adequate, 19% surplus. Subsoil moisture 3% very short, 15% short, 64% adequate, 18% surplus. Peanuts 80% pegged, 94% 2008, 93% 5-yr avg.; peanut condition 20% fair, 63% good, 17% excellent. Jackson County, Panhandle, growers in a two week fungicide application schedule as diseases hit with rainfall and humidity. Bradford County hay yields normal; quality below normal due to wet conditions. Soybeans, cotton processing well, Holmes County. Watermelons close to completion, Holmes County. Okra, Boniato (aka white or Cuban sweet potato) harvested, Miami-Dade County. citrus trees, fruit look good in well-cared-for groves. Some hedged, topped trees have new growth. New crop fruit had various sizes on grapefruit with more consistent sizes on oranges. Grove activity harvested, nutrient spraying, general groove maintenance. Some growers combating canker with additional copper spraying during rainy season. Growers using both aerial, ground spraying to reduce citrus psyllid population that spreads greening. Pasture Feed 1% very poor, 1% poor, 23% fair, 55% good, 28% avg. Peanuts blooming 96%, 100% 2008, 98% avg. Tobacco, 55% good, 15% excellent. Panhandle, north forage growth at or near seasonal normal. Pasture grass caught up with grazing demand. Cattle in fair to excellent condition, most good. Central summer rains good for pasture grass growth. Flagler County, armyworm damage, heavy infestation in pastures, sod farms, forage crops. Some pasture in very poor to condition due to drought. Southern conditions were due to caused flooding. Statewide cattle condition poor to excellent, most fair to good.

**GEORGIA:** Days suitable for fieldwork 5.1. Topsoil moisture 10% very short, 26% short, 58% adequate, 6% surplus. Corn 1% very poor, 10% poor, 39% fair, 41% good, 9% excellent. Soybeans 2% very poor, 9% poor, 41% fair, 45% good, 3% excellent. Sorghum 3% very poor, 6% poor, 42% fair, 47% good, 2% excellent. Apples 0% very poor, 4% poor, 10% fair, 26% good, 60% excellent. Hay 7% very poor, 15% poor, 36% fair, 37% good, 5% excellent. Pecans 0% very poor, 2% poor, 40% fair, 44% good, 14% excellent. Tobacco 15% very poor, 25% poor, 33% fair, 22% good, 5% excellent. Corn dought 95%, 94% 2008, 94% avg. Corn dent 79%, 78% 2008, 76% avg. Corn mature 37%, 28% 2008, 36% avg. Corn harvest for grain 71% 2008, 8% avg. Soybeans blooming 62%, 63% 2008, 68% avg. Soybeans setting pods 28%, 26% 2008, 37% avg. Sorghum planted 95%, 99% 2008, 100% avg. Sorghum harvested for grain 0%, 0% 2008, 1% avg. Apples harvested 2%, 4% 2008, 4% avg. Peaches harvested 94%, 88% 2008, 88% avg. Peanuts blooming 96%, 100% 2008, 99% avg. Tobacco harvested 27%, 35% 2008, 44% avg. Despite showers, dry conditions continue in some parts of the state. Heat and dry weather combined with lesser cornstalk borer negatively impacted some peanuts fields. Fall armymworms were in some hayfields. Soybeans started to bloom.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture levels were adequate in many areas, sectors of the State short. Most banana and papaya orchards were in fair to good condition. Harvesting of fruits was at moderate to heavy levels. Very warm temperatures along with adequate soil moisture aided with fruit development. The head cabbage crop was in fair to good condition. In South-Central districts. Statewide, the end of the heat wave was good news for dairy and poultry producers, though milk production remained on the lower end with the typical summer temperatures. Dairy herd reduction continued at a slower pace. Some sheep and goats were grazing on dry-land grain fields, retired farmland and some rangeland. Honeybees were in sunflower, vineseed, melon, squash, and cucumber fields. Honeybees and leaf cutter bees were in seed alfalfa fields.

**IDAHO:** Days suitable for field work 6.9. Topsoil moisture 8% very short, 37% short, 52% adequate, 3% surplus. Winter wheat turning color 96%, 94% 2008, 98% avg. Spring wheat turning color 72%, 68% 2008, 77% avg. Barley turning color 70%, 76% 2008, 80% avg. Potatoes were in 5% 2008, 1% avg. Oats. Grapes harvested for grain 2%, 11% 2008, 12% avg. Dry peas 14% harvested, 24% 2008, 25% avg. Peaches 0% harvested, 12% 2008, 7% avg. Alfalfa hay 2nd cutting harvested 58%, 55% 2008, 67% avg.; 3rd cutting harvested 12%, 4% 2008, 3% avg. Irrigation water supply 0% very poor, 1% poor, 5% fair, 64% good, 30% excellent. Potato condition 0% very poor, 1% poor, 4% fair, 88% good, 7% excellent. Winter wheat condition 0% very poor, 1% poor, 5% fair, 72% good, 22% excellent. Statewide, crops remain in mostly good to excellent condition due to warm weather and adequate water supply. Harvest of barley and winter wheat is in full swing in the Southwest and South-Central districts. Statewide, percentage of barley and spring wheat turning color is 70 and 72 respectively.
ILLINOIS: Days suitable for fieldwork 5.5. Topsoil moisture 1% very short, 11% short, 78% adequate, 10% surplus. Corn 80% tasseled, 90% 2008, 97% avg.; condition 3% very poor, 8% poor, 29% fair, 48% good, 12% excellent. Soybeans 18% setting pods, 29% 2008, 58% avg.; condition 3% very poor, 7% poor, 32% fair, 48% good, 10% excellent. Oats 46% headed, 59% 2008, 37% avg. Third cut crop 33% 2008, 37% avg. Cool temperatures across Illinois this past week, have slowed pollination and crop development. Some soybean fields in the western part of the state are yellowing due to excess moisture. Overall, crops appear to be doing well, although weeks behind normal progress. Other field activities included mowing, scouting, and spraying. Temperatures statewide averaged 70.4 degrees, 3.9 degrees below average. Statewide precipitation averaged 0.80 inches, 0.06 inch above average.

INDIANA: Days suitable for fieldwork 4.7. Topsoil moisture 2% very short, 18% short, 63% adequate, 17% surplus. Subsoil moisture 2% very short, 22% short, 62% adequate, 14% surplus. Corn 76% silked, 83% 2008, 93% avg.; in dough 9%; 2008, 36% avg.; condition 1% very poor, 7% poor, 26% fair, 53% good, 13% excellent. Soybeans 67% blooming, 70% 2008, 84% avg.; 19% setting pods, 17% 2008, 45% avg.; condition 2% very poor, 8% poor, 24% fair, 55% good, 11% excellent. Pasture condition 1% very poor, 6% poor, 25% fair, 50% good, 22% excellent. Alfalfa Hay third cutting 63%, 72% 2008, 74% avg. 2008 Hay 2% very short, 9% short, 35% fair, 61% excellent. Hay condition 80% 2008, 95% avg. Temperatures ranged from normal to 7 below normal with a low of 52° and a high of 88°. Total precipitation ranged from 0.08 inches to 3.21 inches. Scattered rain showers during the week left some parts of the state with excess moisture while field crops in other areas are beginning to show stress from dry conditions. Another week of below normal temperature to normal range rain, has further slowed crops causing some concern of potential damage from an early frost. Detasseling was taking place in seed corn fields. Some operations were finishing second cuttings of hay while others were beginning third cuttings.

IOWA: Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 15% short, 79% adequate, and 5% surplus. Subsoil moisture 2% very short, 9% short, 82% adequate, and 8% surplus. Corn tasseled 92%, average 96%, last year 86%. Corn silked 79%, average 89%, last year 69%. Corn at or beyond the milk stage 24%, average 47%, last year 18%. Corn at or beyond the dough stage 2%, average 16%, last year 2%. Corn condition rated 2% very poor, 5% poor, 15% fair, 37% good, 24% excellent, 9% average, 89% 2008, last year 81%. Soybeans setting pods 61%, average 66%, last year 45%. Soybean condition rated 1% very poor, 4% poor, 18% fair, 54% good, 23% excellent. Oats turning color 99%, average 99%, last year 95%. Alfalfa Hay fourth cutting 0%, 6% 2008, 4% avg. Condition 2% very poor, 9% poor, 42% fair, 40% good, 7% excellent. Condition 5% very poor, 9% poor, 26% fair, 44% good, 16% excellent. Soybean condition 7% very poor, 11% poor, 28% fair, 44% good, 10% excellent. Alfalfa condition 5% poor, 9% fair, 85% good, 8% excellent. Alfalfa condition 12% poor, 22% fair, 60% good, 6% excellent. Corn silked 100%, 94% 2008, 94% avg. Corn dough harvest difficult due to daily rains, forecasts of precipitation in the near future are much needed rain that has been fairly widespread.

KANSAS: Days suitable for field work 4.9. Topsoil moisture 1% very short, 19% short, 76% adequate, and 4% surplus. Subsoil moisture 3% very short, 18% short, 76% adequate, and 3% surplus. Sunflowers blooming 35%, 21% 2008, 33% avg.; condition 2% very poor, 6% poor, 21% fair, 63% good, 8% excellent. Alfalfa Hay fourth cutting 45%, 49% complete, 53% 2008, 63% avg. Range and pasture condition 2% very poor, 7% poor, 22% fair, 57% good, and 12% excellent. Feed grain supplies 6% short, 93% adequate, and 1% surplus. Hay and forage supplies 6% short, 84% adequate, and 10% surplus. Stock water supplies 1% very short, 9% short, 86% adequate, and 4% surplus.

KENTUCKY: Days suitable for fieldwork 3.8. Topsoil moisture 1% very short, 7% short, 73% adequate, 26% surplus. Subsoil moisture 6% short, 75% adequate, 19% surplus. Burley tobacco blooming 58%, topped 37%, dark tobacco blooming 75%, topped 53%. Tobacco set condition 2% very poor, 4% poor, 17% fair, 51% good, 26% excellent. Pasture conditions 1% very poor, 3% poor, 16% fair, 56% good, 24% excellent. Hay condition 1% very poor, 3% poor, 15% fair, 59% good, 22% excellent. Farmers are optimistic about how their crops have progressed so far.

MARYLAND: Days suitable for fieldwork 4.6. Topsoil moisture 2% very short, 27% short, 66% adequate, 5% surplus. Subsoil moisture 6% very short, 31% short, 62% adequate, 1% surplus. Hay supplies 5% very short, 2% short, 88% adequate, 5% surplus. Other Hay second cutting 75%, 76% 2008, 76% avg. Other Hay third cutting 11%, 23% 2008, 17% avg. Alfalfa Hay second cutting 90%, 100% 2008, 98% avg. Alfalfa Hay third cutting 86%, 100% 2008, 99% avg. Alfalfa Hay fourth cutting 0%, 6% 2008, 4% avg. Pasture condition 2% very poor, 9% poor, 42% fair, 40% good, 7% excellent. Condition 5% very poor, 9% poor, 26% fair, 44% good, 16% excellent. Soybean condition 7% very poor, 11% poor, 28% fair, 44% good, 10% excellent. Alfalfa condition 5% poor, 9% fair, 85% good, 8% excellent. Alfalfa condition 12% poor, 22% fair, 60% good, 6% excellent. Corn silked 100%, 94% 2008, 94% avg. Corn dough harvest difficult due to daily rains, forecasts of precipitation in the near future are much needed rain that has been fairly widespread.

MICHIGAN: Days suitable for fieldwork 5. Topsoil moisture 1% very short, 26% short, 52% adequate, 2% surplus. Subsoil 10% very short, 33% short, 66% adequate, 1% surplus. Corn Harvest: Wheat 10% very poor, 7% poor, 17% fair, 46% good, 20% excellent. Oats 2% very poor, 5% poor, 26% fair, 62% good, 5% excellent. Oats turning 84%, 84% 2008, 90% avg. Potatoes harvested 7%, 8% 2008, 4% avg. All hay 2% very poor, 10% poor, 29% fair, 49% good, 10% excellent. Second cutting hay 63%, 72% 2008, 74% avg. Third cutting hay 7%, 17% 2008, 14% avg. Dry beans 4% very poor, 12% poor, 40% fair, 39% good, 5% excellent. Dry beans blooming 32%, 61% 2008, 66% avg. Dry beans setting pods 10%, 2008 27%, avg Apples harvested 1%, 0% 2008, 0% avg. Blueberries harvested 57%, 45% 2008, 49% avg. Tart cherries harvested 55%, 87% 2008, 87% avg. Peppermint varied with 0.88 inches west central Lower Peninsula to 0.86 inches northeast Lower Peninsula. Average temperature ranged from 4 degrees below normal western upper Peninsula to 2 degrees below normal eastern Upper Peninsula and northwest, northeast, west central, central, east central, and southeast Lower Peninsula. Growers still reporting need for warmer temperatures and rain to advance crop development. Cool temperatures could delay fruitset and dry weather continued to impede crop progress. Reports, from all areas of State, expressed concerns about dry weather and cool temperatures. Wheat harvest continued many areas. However numerous reports of sprouting. Presence of wheat sprouts reportedly as high as 20%. Crop can be primarily sold as feed and grow feed for cattle, but can be left in field and not harvested to impede damage to crop. Test weights, central part of State, low for oats. Corn and soybeans would benefit from all day rain soaker, as it would abet pod setting and ear development. Both crops short, but growing. Due to a late harvest, double-cropped soybeans will be minimal, if any, this year. Alfalfa harvest difficult due to daily rains, forecasts of precipitation
and cooler temperatures. Rains previous weeks proved to be beneficial for sugarbeets, as crop responded positively. Dry beans development continued. Apples continued to size well southwest, most over two inches with some early varieties at three inches size; fruit size and quality looked excellent. Southeast, harvest of summer varieties nearing completion. Sweet corn harvest continued with many fields reporting excellent. Peach harvest of early varieties underway; bacterial spot symptoms evident. Peach size suffered areas where moisture short. Grand Rapids area, early peach harvest underway and quality excellent. Pears 43 mm northwest, 1.75 inches southeast, and 2 inches diameter southwest; pear psylla damage on foliage and fruit found. European plums 1.25 inches diameter while harvest of Japanese plums underway southwest; apple maggots a problem ripening plums. Red raspberry harvest underway northwest. Strawberry renovation completed southeast. Sweet cherry harvest completed west central; fruit size and quality excellent. Tart cherry harvest continued; fruit cracking a concern. Michigan continued with many fields reporting excellent. Grape clusters looked good southwest and northwest. Sweet corn harvest picked up across State; growers reported that European corn borer traps down, but more western bean cutworms have been observed. Pumpkin development continued across State; south, growers reported crop good condition, while Oceana county, pumpkin development behind schedule. East central crop harvest underway on muck soils. Grand Rapids area, celery harvest full swing; growers reported good yields and quality, with few disease and insect problems. Onion development continued with harvest not expected for several weeks. Radish, red beets, lettuce and cole crops growing well where adequate water applied, harvested. Peppers, eggplant, cantaloupe, and tomatoes began. Growers reported fruit size tomatoes somewhat larger than normal due to cool temperatures. Watermelon and cantaloupes continued to flower and develop runners. Cucumber, yellow squash and zucchini harvest continued southwest with little difficulty. Downy mildow observed on cucumbers, onions, squash, and melons different parts of State; growers advised to take immediate protective measures. Southeast, some early potatoes harvested with no major problems reported. St. Joseph county, potato late blight confirmed three fields; growers advised to be extra vigilant when scouting fields for late blight.

MINNESOTA: Days suitable for fieldwork 5.7. Topsoil moisture 13% very short, 43% short, 40% adequate. Corn 97% harvested, 98% 2008, 3% avg. Spring Wheat 42% ripening, 60% 2008, 80% avg. Oats 57% ripening, 78% 2008, 90% avg. Barley 35% ripening, 68% 2008, 85% avg. Potatoes 2% harvested, 1% 2008, 3% avg.; condition 2% poor, 10% fair, 62% good, 28% excellent. Sweet Corn 4% harvested, 4% 2008, 10% avg. Canola 0% harvested, 0% 2008, 3% avg.; condition 13% poor, 51% fair, 35% good, 1% excellent. Pasture 2% very poor, 16% poor, 33% fair, 40% good, 33% excellent. Sugarbeet condition 1% very poor, 2% poor, 22% fair, 61% good, 14% excellent. Sunflower condition 8% poor, 33% fair, 47% good, 12% excellent. Dry Bean condition 1% very poor, 6% poor, 25% fair, 58% good, 10% excellent. July 2008 was the third coldest July according to the Minnesota Climatology Office. The absence of extreme heat was positive for maturing crops, particularly in drier areas; however, producers noted the need for adequate growing degree days for crop development. Precipitation totals were less than one inch at most reporting stations. Producers were spraying for soybean aphid in some areas. Spider mites were reported in drier parts of the state.

MISSISSIPPI: Days suitable for fieldwork 1.0. Soil moisture 3% very short, 10% short, 36% adequate and 51% surplus. Corn 100% silked, 100% 2008, 100% avg.; 98% dough, 99% 2008, 97% avg.; 89% dent, 88% 2008, 95% avg.; 19% mature, 33% 2008, 34% avg.; 48% late harvested, 48% 2008, 66% avg.; 5% very poor, 16% poor, 33% fair, 37% good, 9% excellent. Cotton 100% squaring, 100% 2008, 100% avg.; 87% setting bolls, 91% 2008, 93% avg.; 3% very poor, 8% poor, 33% fair, 42% good, 14% excellent. Peanuts 100% pegging, 100% 2008, 0% very poor, 6% poor, 42% fair, 43% good, 9% excellent. Rice 48% heading, 48% 2008, 61% avg.; 5% very poor, 16% poor, 33% fair, 54% good, 10% excellent. Sorghum 99% heading, 94% 2008, 98% avg.; 28% turning color, 60% 2008, 67% avg.; 0% very poor, 2% poor, 42% fair, 50% good, 6% excellent. Soybeans 99% blooming, 98% 2008, 99% avg.; 89% setting pods, 89% 2008, 94% avg.; 9% turning color. 4% 2008, 20% 2008, 1% very poor, 5% poor, 31% fair, 43% good, 13% excellent. Winter wheat 100 harvested, 100% 2008, 100% avg. Hay (harvested-warm) 74%, 71% 2008, 66% avg.; 0% very poor, 9% poor, 33% fair, 50% good, 8% excellent. Sweetpotatoes 0% very poor, 0% poor, 16% fair, 67% good, 17% excellent. Watermelons 96% harvested, 97% 2008, 96% avg. Cattle 1% very poor, 3% poor, 29% fair, 62% good, 5% excellent. Pasture 2% very poor, 6% poor, 33% fair, 52% good, 7 excellent. Excessive rainfall across the state has halted fieldwork for many producers. Areas of southern Mississippi finally received rainfall after a lengthy period of dry weather. Corn harvest continues to move along. Soybean aphid in some areas. Spider mites were reported in drier parts of the state.

MISSOURI: Days suitable for fieldwork 5.3. Topsoil moisture 1% very short, 16% short, 79% adequate, 4% surplus. Subsoil moisture 1% very short, 8% short, 87% adequate, 4% surplus. Alfalfa hay 2nd cutting 91%, 78% 2008, 94% normal. Alfalfa hay 3rd cutting 15%, 11% 2008, 42% normal. Other hay cut 93%, 87% 2008, 96% normal. Pasture condition 95% fair, 5% good, 0% excellent. Livestock condition 11% fair, 76% good, and 13% excellent. Stock water supplies are 1% short, 93% adequate, 6% surplus. Rainfall averaged 0.83 of an inch. Temperatures were 3 to 7 degrees below normal across the State.

MONTANA: Days suitable for field work 5.5. Topsoil moisture 20% very short, 36% short, 34% good, 26% adequate. Cotton 1% very poor, 1% poor, 23% fair, 74% good, 1% excellent. Pasture 3% very poor, 4% poor, 11% fair, 55% good, 27% excellent. Corn irrigated conditions 2% very poor, 5% poor, 14% fair, 52% good, and 27% excellent. Corn conditions 2% very poor, 8% poor, 52% fair, 44% good, and 2% excellent. Corn irrigated conditions 3% very poor, 4% poor, 11% fair, 53% good, and 29% excellent. Corn irrigated conditions 2% very poor, 5% poor, 17% fair, 51% good, and 25% excellent. Corn 90% silked, 89% 2008, 94% avg.; 20% dough, 18% 2008, 31% avg. Soybean conditions 1% very poor, 4% poor, 14% fair, 40% good, and 20% excellent. Soybean 89% blooming, 80% 2008, 89% avg.; 24% setting pods, 34% 2008, 55% avg. Sorghum conditions 1% very poor, 2% poor, 23% fair, 55% good, and 19% excellent. Sorghum 17% headed, 16% 2008, 41% avg.; 0% turning color, 0% 2008, 0% avg. Wheat 95% harvested, 97% 2008, 99% avg. Oats conditions 0% very poor, 3% poor, 11% fair, 64% good, and 20% excellent. Oats 71% harvested, 81% 2008, 89% avg. Dry beans conditions 2% very poor, 13% poor, 22% fair, 59% good, and 4% excellent. Dry beans 81% blooming, 83% 2008, 75% avg.; 37% setting pods, 33% 2008, 34% avg. Alfalfa conditions 1% very poor, 7% poor, 26% fair, 56% good, 10% excellent. Alfalfa 93% 2nd cutting, 90% 2008, 94% avg.; 21% 3rd cutting, 11% 2008, 24% avg. Pasture and Range conditions rated 1% very poor, 4% poor, 21% fair, 57% good, and 17% excellent. Wild hay conditions rated 0% very poor, 1% poor, 13% fair, 69% good, and 17% excellent. Wild hay harvested 58%. Cool conditions allowed producers to wrap up wheat harvest but is slowing crop development. Producer activity across the state is currently. Most summer pests harvesting hay, oats, and wheat. Temperatures averaged 9 degrees below normal across the state. Temperatures ranged from highs in the lower 90's to lows near 40. The South Central and
Southwest Districts saw just over an inch of precipitation.

NEVADA: Days suitable for fieldwork 7. Warm temperatures and thunderstorms dominated the weather this week. Temperatures ranged between three degrees below normal and nine degrees above normal. Las Vegas recorded the highest temperature across the State reporting 112 degrees while Winnemucca and Reno were second reporting a high of 99 degrees. Ely reported the lowest temperature at 43 degrees. Reno, Elko, Ely, Winnemucca, and Tonopah recorded precipitation. Afternoon thunderstorms ignited some small range fires. Pasture and range conditions are in good condition. Some drying of pastures has occurred. Second cutting of alfalfa hay is underway in most areas. Grain hay is also being cut. Cattle feeders generally have good condition and have been moved to summer pastures. Main farm and ranch activities include: irrigation, weed control, fertilizing, haying, equipment maintenance, and some insect control.

NEW ENGLAND: Days suitable for field work 4.0. Topsoil moisture 46% adequate, 54% surplus. Subsoil moisture 1% short, 47% adequate, 2% surplus. Pasture condition 1% very poor, 14% poor, 34% fair, 38% good, 13% excellent. Maine Potatoes condition good/excellent. Rhode Island Potatoes 5% harvested, 0%, 0% average; condition fair/poor. Massachusetts Potatoes 5% harvested, 0%, 0% average; condition fair/good. Maine Oats condition good. Field Corn condition fair/poor in Maine, fair/good elsewhere. Sweet Corn 100% emerged, 100% 2008, 100% average; 10% harvested, 25%, 2008, 25% average; condition fair/good. Broadleaf Tobacco: condition fair/good. First Crop Hay 85% harvested, 90%, 2008, 95% average; condition poor/fair in Massachusetts, fair/good elsewhere; 25% 2008, 25% average; condition fair/good. Canola was 19% turning, 52% average. Barley was 91% milk, 99% 2008, 98% avg.; 44% turning, 28% average. Spring wheat was 95%, 99% 2008, 98% average; 3% poor, 13% excellent. This week scattered showers and thunderstorms kept the majority of the state wet. Average temperatures in the northeast were one to two degrees below normal. Average temperatures in the southwest were five to six degrees above normal. Everywhere else remained close to normal with only slight variations above or below average. Rainfall amounts were the main event this week. Some rainfall amounts from across the state, at the Albuquerque SunPort 0.05 in., Los Alamos 1.59 in., Santa Fe 0.80 in., Ruidoso 0.94 in., Las Cruces 0.20 in., and Roswell had 1.74 inches which occurred on Thursday.

NEW YORK: Days suitable for fieldwork 3.5. Soil moisture 1% short, 59% adequate and 40% surplus. Pastures were rated 1% very poor, 2% poor, 19% fair, 57% good, and 21% excellent. Soybean condition 9% poor, 32% fair, 46% good, 6% excellent. Corn condition 1% poor, 28% fair, 49% good, 40% excellent. Winter wheat harvested 77%, 61% 2008. Oats 11%, 22% 2008. Alfalfa 2nd cutting 56%, 59% 2008. Alfalfa 3rd cutting 14%, 11% 2008. Timothy hay 2nd cutting 40%, 41% 2008. Timothy hay 3rd cutting 12%, 13% 2008. Apple condition 1% poor, 2% fair, 16% good, 81% excellent. Grapes 18% poor, 39% fair, 36% good, 7% excellent. Peaches 2% poor, 22% fair, 46% good, 30% excellent. Pears 9% poor, 14% fair, 23% good, 54% excellent. Sweet cherries 66% poor, 11% fair, 14% good, 9% excellent. Tart cherries 2% poor, 21% fair, 77% good. Apples harvested 7%, 1% 2008. Peaches 20%, 16% 2008. Peaches 13%, 1% 2008. Wheat 1% very poor, 14% poor, 39% fair, 51% good, 20% excellent. After a cool start to the week, temperatures in the southwest were five to six degrees above or below average. Rainfall amounts were the main event this week. Everywhere else remained close to normal with only slight variations above or below average. Rainfall amounts were the main event this week. Some rainfall amounts from across the state, at the Albuquerque SunPort 0.05 in., Los Alamos 1.59 in., Santa Fe 0.80 in., Ruidoso 0.94 in., Las Cruces 0.20 in., and Roswell had 1.74 inches which occurred on Thursday.

NORTH CAROLINA: Days suitable for fieldwork 5.1. Topsoil moisture 6% very short, 26% short, 59% adequate, 9% surplus. The state received scattered showers last week. Precipitation ranged from 0.01 inches in Fayetteville to 4.47 inches in Jackson Springs. The rain slowed down hay and tobacco harvest in some areas. Average temperatures ranged from 68 to 83 degrees. Activities during the week included cutting hay and harvesting flue-cured tobacco where weather permitted.

NEW JERSEY: Days suitable for field work 5.0. Topsoil moisture 5% short, 86% adequate, 10% surplus. Subsoil moisture 5% short, 85% adequate, 10% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were variable across the Garden State. Farmers continued fieldwork when weather permitted. Hay harvesting was hampered by wet conditions, while wheat harvesting nearly finished. Soybean pod setting progressed. Producers continued harvesting sweet corn and started gathering fall vegetables. Peaches were sizing nicely with conditions rated good to excellent. Brown rot affected peaches in some localities in the southern district. Blueberry harvesting was winding down.

NEW MEXICO: Days suitable for fieldwork 6.0. Topsoil moisture 16% very short, 32% short, 50% adequate, 2% surplus. Wind damage 3% light, 1% moderate, 11% severe. Hay damage 1% light; 17% of cotton crop affected, 3% of corn crop affected, 2% of sorghum crop affected, 1% of peanut crop affected. Alfalfa 4% poor, 24% fair, 61% good, 11% excellent; 100% of the second cut completed, 80% of the third cut completed, 29% of the fourth cut completed. Cotton 9% poor, 32% fair, 45% good, 14% excellent, 97% squaring, 50% setting bolls. Corn 1% poor, 18% fair, 51% good, 30% excellent; 80% silked, 24% dough. Irrigated sorghum 4% very poor, 1% poor, 30% fair, 61% good, 4% excellent; 29% headed. Dry sorghum 36% good, 40% fair, 24% poor, 14% headed. Total sorghum 4% very poor, 24% poor, 37% fair, 37% good, 1% excellent; 19% headed. Peanuts 81% fair, 15% good, 4% excellent; 61% pegging. Chile 23% fair, 40% good, 37% excellent with 12% light pod set, 60% average pod set, 28% heavy pod set; 20% green chile harvested. Onion 7% fair, 50% good, 43% excellent; 92% harvested. Pecans 2% poor, 27% fair, 51% good, 20% excellent with 23% light nut set. Pecan nuts 67% average nut set, 18% heavy nut set. Cattle 1% very poor, 14% poor, 39% fair, 32% good, 14% excellent. Sheep 17% very poor, 28% poor, 39% fair, 16% good. Range and pasture 10% very poor, 25% poor, 45% fair, 18% good, 2% excellent. This week scattered showers and thunderstorms kept the majority of the state wet. Average temperatures in the northeast were one to two degrees below normal. Average temperatures in the southwest were five to six degrees above normal. Everywhere else remained close to normal with only slight variations above or below average. Rainfall amounts were the main event this week. Some rainfall amounts from across the state, at the Albuquerque SunPort 0.05 in., Los Alamos 1.59 in., Santa Fe 0.80 in., Ruidoso 0.94 in., Las Cruces 0.20 in., and Roswell had 1.74 inches which occurred on Thursday.
beans 77% blooming, 84% 2008, 87% avg.; 26% setting pods, 42% 2008, 57% avg.; condition 3% very poor, 5% poor, 39% fair, 47% good, 6% excellent. 56% of potato rows were filled, 63% 2008, 78 average; condition 5% very poor, 9% poor, 27% fair, 40% good, 19% excellent. Sugarbeet condition 1% very poor, 3% poor, 24% fair, 56% good, 14% excellent. Sunflower harvest was completed, 43% 2008, 43% average. Alfalfa harvest was 2% poor, 21% fair, 68% good, 9% excellent. Second cutting of alfalfa was 35% complete, 35% 2008, average not available. Pasture and range conditions 4% poor, 21% fair, 63% good, 12% excellent. Stockwater supplies 3% short, 87% adequate, 10% surplus. Hay condition 4% poor, 22% fair, 62% good, 12% excellent. Below normal temperatures persisted and scattered precipitation across the state. Observers noted that the persistent below normal temperatures delayed both the maturity of grains and the development of row crops.

OHIO: Days suitable for fieldwork 3.3. Soil moisture 1% very short, 16% short, 75% adequate, 8% surplus. Hay condition 2% very poor, 9% poor, 35% fair, 46% good, 8% excellent. Livestock condition 0% very poor, 11% poor, 17% fair, 71% good, 12% excellent. Corn silked (tasseled) 85% 2008, 99% 2008, 96% average; 34% 2008, 44% average. Alfalfa hay second cutting 91%, 89% 2008, 88% avg.; third cutting 21%, 26% 2008, 24% avg. Other hay second cutting 71%, 71% 2008, 68% avg.; third cutting 7%, 8% 2008, 8% avg. Peaches harvested 37%, 37% 2008, 37% average. It was forecast the third cutting of alfalfa would be 57% harvested, 35% 2008, 29% avg. Potatoes 14% harvested, 7% 2008, 4% avg. Processing tomatoes 5% harvested, 0% 2008, 0% avg.

OKLAHOMA: Days suitable for fieldwork 4.4. Topsoil moisture 15% very short, 29% short, 56% adequate, 0% surplus. Subsoil moisture 16% very short, 40% short, 44% adequate, 0% surplus. Wheat 88% plowed this week, 88% last week, 83% last year, 82% average. Rye plowed 77% this week, 77% last week, 89% last year, 89% average. Oats 90% plowed this week, 86% last week, 88% last year, 86% average. Corn condition 4% very poor, 15% poor, 28% fair, 26% good, 25% excellent; silking 93% this week, 90% last week, 89% last year, 98% average; 71% good, 12% excellent. Corn 1% very poor, 14% poor, 20% fair, 54% good, 21% excellent. Oats 0% very poor, 3% poor, 27% fair, 62% good, 8% excellent. Pasture and Range 1% very poor, 9% poor, 34% fair, 47% good, 9% excellent. Soybeans 1% very poor, 5% poor, 26% fair, 52% good, 16% excellent. Corn silked (tasseled) 89% 2008, 92% 2008, 90% average; 32% 2008, 33% average. Alfalfa hay second cutting 91%, 89% 2008, 88% avg.; third cutting 21%, 26% 2008, 24% avg. Other hay second cutting 71%, 71% 2008, 68% avg.; third cutting 7%, 8% 2008, 8% avg. Peaches harvested 37%, 37% 2008, 37% average. It was forecast the third cutting of alfalfa would be 57% harvested, 35% 2008, 29% avg. Potatoes 14% harvested, 7% 2008, 4% avg. Processing tomatoes 5% harvested, 0% 2008, 0% avg.

OREGON: Heavy irrigation continued through a record week of high temperatures. Despite dry conditions & irrigation demand, the water supply was holding up. Vegetable varieties were sold at roadside stands & farmer markets, including tomatoes, summer squash, corn, green beans, cucumbers & eggplant. Vegetable quality has deteriorated in some cases, especially leafy vegetables, from the hot, dry weather. Fruits & Nuts: Unseasonably hot weather slowed fruit setting on apples, pears & peaches. The high temperatures increased water demand for all tree fruit & nut crops. High temperatures also caused some crop damage. Stem & leaf blight are still a concern on grapes. It was also reported that some Golden Delicious apples may have been damaged by sunburn. Irrigated crops continue to do well across the State. The cherry harvest continued in the middle & upper Hood River Valley. In Wasco County the harvest of apricots & peaches continued. Nurseries & Greenhouses: The very warm conditions kept nursery operations busy with irrigation & plant care. Greenhouses continued with clean-up & maintenance activities as they prepared for the fall season. The heat was probably hard on Christmas trees. Livestock, Range & Pasture: The State's range lands were benefiting from the wet summer. Summer forage crops are handling the stress well. Warm weather has left most dryland pastures bare of forage. Watering ponds in some areas were disappearing. Livestock were still holding up well, but were receiving supplemental feeding, or are being moved to higher lands or irrigated pasture.

PENNSYLVANIA: Days suitable for fieldwork 3.3. Soil moisture 0% very short, 3% short, 72% adequate, 25% surplus. Corn 7% 2008, 80% avg.; dough 10% complete, 15% 2008, 22% avg. Corn height 79 inches, 69 inches 2008, 76 inches avg. Winter Wheat harvested 97% complete, 99% 2008, 96% avg. Oats yellow 94% complete, 87% 2008, 91% avg. Oats 59% ripe complete, 68% 2008, 67% avg. Oats harvest 24% complete, 37% 2008, 36% avg. Alfalfa second cutting 67% complete, 92% 2008, 90% avg. Alfalfa third cutting 30% complete, 42% 2008, 39% avg. Timothy clover second cutting 57% complete, 47% 2008, 44% avg. Peaches harvested 42% complete, 30% 2008, 37% avg. Apples harvested 12% complete, 10% 2008, 14% avg. Corn crop condition 1% very poor, 5% poor, 18% fair, 53% good, 20% excellent. Wheat 64% good, 36% excellent. Apple crop conditions 76% good, 24% excellent. Fair Weather: Fair Wks 37% for rain. It was forecast that some areas in Pennsylvania were able to get in the fields, primary activities included harvesting wheat, oats, some fruits, and sweet corn. Crops continue to be assessed for losses due to runoff and disease. Some areas are still waiting for much needed sun, while others were happy to receive the rain.

SOUTH CAROLINA: Days suitable for fieldwork 6.1. Soil moisture 6% very short, 38% short, 51% adequate, 5% surplus. Corn 2% very poor, 12% poor, 43% fair, 37% good, 6% excellent. Soybeans 1% very poor, 4% poor, 41% fair, 54% good, 0% excellent. Tobacco 5% very poor, 5% poor, 19% fair, 70% good, 1% excellent. Hay 2% very poor, 8% poor, 30% fair, 40% good, 0% excellent. Peaches 0% very poor, 4% poor, 27% fair, 99% good. Oats 0% very poor, 2% poor, 27% fair, 68% good, 3% excellent. Corn 93% doughed, 81% 2008, 92% avg.; 40% matured, 24% 2008, 37% avg.; 1% harvested, 2% 2008, 3% avg. Soybeans bloomed 50%, 55% 2008, 60% avg. Soybeans pods set 17%, 20% 2008, 25% avg. Tobacco topdress 100%, 98% 2008, 98% avg. Tobacco harvested 41%, 3%, 58% good, 20% excellent. Soybean crop condition 5% poor, 18% fair, 58% good, 19% excellent. Quality of hay made 2% very poor, 16% poor, 31% fair, 35% good, 16% excellent. Pasture conditions 2% very poor, 8% poor, 31% fair, 45% good, 14% excellent. Peach crop conditions 64% good, 36% excellent. Apple crop conditions 76% good, 24% excellent. Fair Weather: Fair Wks 37% for rain. It was forecast that some areas in Pennsylvania were able to get in the fields, primary activities included harvesting wheat, oats, some fruits, and sweet corn. Crops continue to be assessed for losses due to runoff and disease. Some areas are still waiting for much needed sun, while others were happy to receive the rain.
TEXAS: Top soil moisture was mostly very short to adequate across the state. Cotton condition was mostly fair to good statewide. Corn condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Peanut condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Range and Pasture condition was mostly very poor to fair statewide. The eastern part of the state received up to 15 inches of rainfall while the southern part of the state received little to no rainfall. Across the rest of the state, 0.25 inches to 4 inches of moisture were observed. Localized hail and high winds caused some damage to crops in the Northern and Southern Plains. Wheat and barley condition was mostly very poor to fair throughout most of the state. Rainfall amounts were above normal across the state. Sugar beet harvest began in the Northern Plains. In the Northern High Plains, cotton and corn progressed well under heavy irrigation. Cotton bolls opened in the Southern High Plains and grain sorghum headed out in the Southern Low Plains. In the Blacklands, cotton progressed well and corn harvest was in full swing. In South Central Texas, corn and sorghum conditions were mostly very poor to fair. Grain sorghum neared completion. Corn harvest and peanut pegging was active in South Texas. Pecans neared the nut drop stage in the Trans-Pecos. Supplemental feeding of livestock continued in localized parts of the state. Recent rainfall improved range and pasture conditions in the northern part of the state while range and pastures in the southern part of the state were in need of moisture. UTAH: Days suitable for fieldwork 7. Subsoil moisture 4% very short, 30% short, 66% adequate, 0% surplus. Irrigation Water Supplies 11% very short, 21% short, 68% adequate, 0% surplus. Winter Wheat 40% harvested, 32% 2008, 45% avg.; Condition 0% very poor, 4% poor, 19% fair, 59% good, 18% excellent. Spring Wheat 97% headed, 100% 2008, 100% avg.; Condition 1% very poor, 12% poor, 12% fair, 67% good, 26% excellent. Corn Very Poor 0% very poor, 1% poor, 24% fair, 61% good, 14% excellent. Barley harvested (grain) 27% 2008, 31% avg.; Condition 0% very poor, 0% poor, 10% fair, 70% good, 20% excellent. Oats harvested (grain) 12%, 15% 2008, 29% avg. Oats harvested for Hay or Silage 87%, 82% 2008, 82% avg. Corn silked (tasseled) 66%, 50% 2008, 55% avg.; Condition 0% very poor, 0% poor, 21% fair, 68% good, 11% excellent. Corn height 77 inches, 72 inches 2008, 75 inches avg. Alfalfa height 24%, 34% 2008, 36% avg. Alfalfa Hay 2nd Cutting 73%, 67% 2008, 80% avg. Alfalfa Hay 3rd Cutting 4%. Other Hay Cut 86%, 84% 2008, 86% avg. Cattle and calves condition 0% very poor, 0% poor, 9% fair, 80% good, 11% excellent. Sheep Condition 73% very poor, 0% poor, 5% fair, 84% good, 11% excellent. Stock Water Supplies 5% very short, 17% short, 78% adequate, 0% surplus. Apricots harvested 91%, 81% 2008, 92% avg. Tart Cherries harvested 70%, 50% 2008, 85% avg. Peaches harvested 5%, 14% 2008, 10% avg. Temperatures in the state of Utah were in the high 80’s lower 90’s. There was little to no precipitation this week. Livestock around the state continues to do well. Box Elder County reports that the harvest is underway for winter wheat and barley. Yields on both irrigated and non-irrigated acreage look to be above average. The dry weather within the county is starting to take a toll on the alfalfa planted on dry land because the soil moisture is being depleted and the plants are starting to suffer. Producers are continuing to irrigate and cut alfalfa fields. Second cutting is almost complete and third cutting will begin for some farmers in the next 2 weeks. Cache County experienced another week of hot weather. Silage corn is growing rapidly with the hectares irrigation water. Second cutting is also yielding well with good quality. Combines are just getting a good start on harvesting winter wheat and fall barley. It appears yields will be good. Respondents indicate Safflower crop appears to be one of the best we have ever raised in this county. Irrigation water supplies are still limited in some areas of the canyon and rack low. There is much concern by growers regarding water supplies when third cut alfalfa needs irrigation in addition to silage corn, pastures, and other crops. Utah County reports second crop hay is being harvested. The wheat and barley harvest is in full swing, and looks to be a good production year. The tart cherry harvest should be winding up, producers report lots of cherries however, and the quality suffered because of the large quantity produced. Iron County is experiencing some of the best range conditions in years due to monsoon rains, but the daily thundershowers have damaged a large part of second crop hay. Sevier County reports an ongoing grasshopper problem throughout most of the county. Summer crops it has been a very good year for crops. The recent weather is beginning to dry out the soil. Weber County reports that the grain harvest is taking place now and yields are about normal. Morgan County reports crops are growing well while second cutting of alfalfa will start soon. Box Elder County reports that pastures are drying out rapidly in most of the county. Range fires are a good possibility if dry lightning comes. Livestock are doing well and feed conditions are still adequate. Ranges are drying out but stock water seems to be holding up. Cache County reports range conditions are drying up quickly since they had no measurable precipitation during the entire month of July. However, there still appears to be adequate feed for grazing cattle and sheep. Wayne County reports half of the summer ranges could use some rain, grass is dry and livestock and wildlife are moving looking for better forage. Forage crops in the 3 county area are better than average. Emery County reports cattle and sheep are doing very well on the mountain ranges. Ranges are beginning to dry some since there has not been a late summer rainstorm yet. Utah County reports range conditions are excellent.
normal temperatures in parts of the state. Other farming activities included farmers scouting for corn earworms on soybeans, farmers attending field days and summer production meetings, and livestock producers preparing to cut silage.

**WASHINGTON:** Days suitable for fieldwork 6.6. Topsoil moisture 24% very short, 52% short and 24% adequate. Harvest progressed rapidly with reports of yields being near or above average and good quality. In Grant County, second cutting of Timothy was wrapping up and third cutting alfalfa is underway. Spokane County reported a hot week and evening thunderstorms made it difficult to finish bluegrass seed harvest. Sweet corn harvest began. Potato harvest was underway and green pea harvest was nearing completion. Christmas tree growers reported heat scorch on both Noble and Grand fir. In the Yakima Valley, growers were using cooling operations to protect crops from the heat. Earlier maturing peach and nectarine harvest started. Some orchard blocks required tree propping with heavy crops while other crops looked a bit thin. In Thurston County, raspberry and blueberry growers focused on irrigation to preserve fruit quality. In Jefferson County, blueberries were ripening and were large but market conditions were not favorable. In Pacific County, cranberry growers irrigated bogs, and controlled weed and insects, while raspberry producers completed post-harvest activities. Range and pasture conditions 6% very poor, 22% poor, 40% fair and 32% good. On the east side, pasture conditions were drying up quickly due to high temperatures and constant winds. On the west side, extremely high temperatures and the lack of rain forced early feeding of hay to livestock. In Thurston County, cattle looked good and were on haylage until next May. In Pacific County, shellfish harvest operations slowed, but seeding and bed management activities continued.

**WEST VIRGINIA:** Days suitable for field work 3. Topsoil moisture 1% very short, 4% short, 81% adequate and 14% surplus compared with 1% very short, 25% short, 71% adequate and 3% surplus last year. Corn conditions were 1% poor, 12% fair, 67% good, and 20% excellent. Corn silky 73%, 64% in 2008, and 72% 5-yr avg. Corn was 3% doughing, 2% in 2008 and 7% 5-yr avg. Soybean conditions were 9% fair, 80% good, and 11% excellent. Soybeans were 49% blooming, 68% in 2008, and 66% 5-yr avg. Soybeans were setting pods 11%, 42% in 2008 and 31% 5-yr avg. Oat conditions were reported 2% poor, 45% fair, and 53% good. Oats were harvested 60%, 30% in 2008, 43% 5-yr avg. Hay was reported 2% poor, 27% fair, 65% good and 6% excellent. Hay second cutting is 26% complete, 32% in 2008, 33% 5-yr avg. Apple conditions were 52% fair, 47% good, and 1% excellent. Peaches were reported 61% fair, 38% good and 1% excellent. Peaches were harvested 10% in 2008, and 5-yr avg. not available. Cattle and calves were 14% fair, 82% good and 4% excellent. Sheep and lambs were 10% fair, 88% good and 2% excellent. Farming activities included: equipment maintenance and harvesting peaches. Most regions in the state experienced rainfall throughout the week. These repeated showers during the week substantially slowed the harvest of hay and oats. Many exhibitors continue to prepare for county fairs, as well as the State Fair of West Virginia, which is just around the corner.

**WISCONSIN:** Days suitable for fieldwork 4.8. Topsoil moisture 21% very short, 35% short, 40% adequate, and 4% surplus. Temperatures were 1 to 6 degrees below normal. Average high temperatures ranged from 76 to 80 degrees across the state. Lows averaged from 54 to 62 degrees for the week. Precipitation ranged from 0.03 inches in Milwaukee to 1.10 inches in La Crosse. Corn silky was 52 percent complete, and corn in dent was 14% complete. Corn harvest was 23 percent complete. Soybeans blooming was 61 percent complete and 21 percent were setting pods. Oats were 13 percent harvested. Winter wheat harvest was 23 percent complete. Second cutting hay was 87 percent complete. Light spotty showers were not enough help for crops that needed rain this past week. Temperatures remained cooler than normal, lacking the heat units crops also need to mature. Second cutting hay and the harvest of small grains was taking place when weather permitted.

**WYOMING:** Days suitable for field work 6.5. Topsoil moisture 19% short, 80% adequate, 1% surplus. Subsoil moisture 4% very short, 19% short, 77% adequate. Barley 98% boot, 94% previous week, 100% 2008, 100% avg.; 80% headed, 92% previous week, 94% 2008, 97% avg.; 63% turning color, 49% previous week, 64% previous year, 81% avg.; 30% mature, 9% previous week, 41% 2008, 56% avg. Oats 94% jointed, 91% previous week, 100% 2008, 100% avg.; 89% boot, 85% previous week, 100% 2008, 98% avg.; 79% headed, 66% previous week, 93% 2008, 92% avg.; 47% turning color, 38% previous week, 60% last year, 68% avg.; 23% mature, 15% previous week, 30% 2008, 30% avg. Spring Wheat 96% jointed, 85% previous week, 100% 2008, 100% avg.; 91% boot, 79% previous week, 100% 2008, 100% avg.; 77% headed, 65% previous week, 96% 2008, 96% avg.; 46% turning color, 38% previous week, 44% 2008, 71% avg.; 18% mature, 8% previous week, 18% 2008, 42% avg.; 1% harvested, 5% previous week, 5% previous year. Winter Wheat 95% turning color, 93% previous week, 99% 2008, 100% avg.; 90% mature, 84% previous week, 95% previous year, 97% avg.; 50% harvested, 39% previous week, 68% 2008, 82% avg. Dry Beans 55% bloom, 48% previous week, 75% 2008, 77% avg.; 19% setting pods, 13% previous week, 24% 2008, 39% avg.; 0% leaves turning color, 3% 2008, 1% avg. Corn 65% tasseled, 54% previous week, 58% 2008, 67% avg.; 7% silica, 3% previous week, 14% previous year, 27% avg. Alfalfa harvested 92% first cutting, 87% previous week, 95% 2008, 98% avg.; 13% second cutting, 8% previous week, 27% 2008, 32% avg. Other hay harvested 60% total cut, 52% previous week, 51% 2008, 62% avg. Barley condition 1% fair, 85% good, 14% excellent. Oats condition 1% poor, 9% fair, 88% good, 2% excellent. Spring wheat condition 1% poor, 19% fair, 78% good, 2% excellent. Winter wheat condition 4% fair, 95% good, 1% excellent. Sugarbeets condition 7% fair, 88% good, 5% excellent. Dry beans condition 8% fair, 92% good. Corn condition 6% fair, 94% good. Range and pasture conditions 4% poor, 26% fair, 59% good, 11% excellent. Stock water supplies 7% short, 93% adequate. Warm weather reported in most of the state. Several areas reported grasshopper damage to pastures and alfalfa. Hot and dry weather reported all over the state. Activities haying, winter wheat harvest, small grain haying.