**Weekly Weather and Crop Bulletin**

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**ALABAMA:** Days suitable for fieldwork 6.5. Topsoil moisture 15% very short, 48% short, 37% adequate, and 0% surplus. Corn 78% silked, 88% 2008, and 82% avg.; 25% dough, 41% 2008, 30% avg.; conditions 4% very poor, 20% poor, 43% fair, 30% good, and 3% excellent. Cotton squaring jumped 17% by the end of the week, equal to last year's progress but 1 week behind the five-year average. The dough stage was 4% ahead of last year but 5% behind the five-year average. Corn silked increased 15% last week. Corn silked, 80% 2008, 91% avg.; condition 2% very poor, 13% poor, 35% fair, 35% good, 13% excellent. Even with some much-needed rain, irrigation was the main activity for corn, cotton, and soybeans last week. Corn silked increased 15% last week, equal to last year's progress but 1 week behind the five-year average. The dough stage was 4% ahead of last year but 5% behind the five-year average. Cotton squaring jumped 17% by the end of the week, a little over a week behind 2008 and two weeks behind the five-year average. Cotton setting bolls was 1% ahead of last year but 18% behind the five-year average. Rice was just beginning to head by week's end as mid-season nitrogen and herbicides were being applied to the crop. The sorghum crop was 14% ahead of 2008 but 9% behind the five-year average. Despite the dry field conditions, soybean farmers planted an additional 4% of their crop. 2% ahead of 2008 but 1% behind the five-year average. Soybeans emerging was 6% ahead of last year but 1% behind the five-year average. Soybeans blooming was a week ahead of 2008 but slightly less than a week behind the five-year average. The soybean crop was just beginning to set pods last week. Livestock remained in fair to good condition. Pasture and range hay crops were also in fair to good condition as hay harvest continued in some areas of the state.

**CALIFORNIA:** Wheat harvest was completed in most areas. Alfalfa moved into the third and fourth cutting, with some beginning fifth cutting. Cotton hasn't been affected by the recent heat. Fields continued to be treated for lygus. Herbicide treatments continued for rice fields. Sunflowers were headed out. Corn continued to be planted and sprayed in some areas. Dry and Lima bean planting continued. Safflower and sorghum fields also continued to develop. The harvest of broccoli for seed was completed. Apricot, nectarine, peach, plum, and fig harvests continued normally in the Sacramento Valley. Some prune orchards experienced fruit drop in the Sacramento Valley. Thinning to optimize light penetration for maturation and coloring of table grapes continued in the San Joaquin Valley, while the flame grapes harvest had begun. Higher temperatures aided grapevine development along the Central Coast, though mildew concerns remain. The blueberry harvest was completed as the blackberry and boysenberry harvests continued. The navel orange harvest was completed while the valencia orange harvest continued. Spraying continued in San Joaquin orchards and vineyards. Codling moth, mites, and worm treatments continued for walnuts; hull split spraying began for almonds in the Sacramento and San Joaquin valleys. Most almond growers were also including a miticide in their hull split spray. Tulare County’s harvest of various summer vegetables was ongoing and included peppers, squash, eggplant, cucumbers, and tomatoes. The harvests of commercial tomatoes, melon, and sweet corn were also underway. In Colusa County, processing tomatoes were not far from being harvested, good yields were expected over corn was being harvested in Sacramento County. Kern County farmers harvested peppers, carrots, fresh market onions and processing tomatoes. Fresh market and processing tomato fields were planted in Merced County, while the harvests of watermelon and fresh market tomatoes progressed. Fresno County’s fresh market tomato harvest began along with yellow onions, organic garlic, and carrots. Fire hazard remained high in some areas due to the extremely dry conditions. Cattle on rangeland and dry-land pasture in many central and southern areas continued to receive supplemental protein and other feeds due to the mostly poor quality of available forage which has resulted from the severe drought conditions. Irrigated pasture was in good condition. Dairy herd reduction continued, with some leveling-off reported. Sheep were grazing on harvested grain, alfalfa fields and retired farmland. Honeybees were pollinating sunflower and vineseed fields in Sutter County; seed alfalfa, melon and some vegetable plantings in other central areas. Leaf cutter bee activity on alfalfa was increasing in Imperial County.

**COLORADO:** Days suitable for field work 5.7. Topsoil moisture 1% very short, 9% short, 78% adequate 12% surplus. Subsoil moisture 3% very short, 19% short, 70% adequate 8% surplus. Alfalfa 89% 1st cutting, 93% 2008, 93% avg.; 11% 2nd cutting 14% 2008, 16% avg.; condition 2% poor 18% fair, 56% good, 24% excellent. Dry Beans 97% planted, 84% 2008, 87% avg.; 7% emerged, 65% 2008, 89% avg.; 1% flowered, 5% 2008, 3% avg.; condition 6% fair, 81% good, 13% excellent.

**ARIZONA:** Temperatures were above normal across the State for the week ending July 5. Precipitation was reported at 18 of the 22 reporting stations. Small grain harvesting remains active across the State with at least 70 percent complete. Cotton squaring is completed on 60 percent of the acreage, behind last year and the 5-year average. Alfalfa harvest remains active on over three-quarters of the State’s acreage. Alfalfa conditions remain good to excellent. Range and pasture conditions vary from very poor to good, depending on location and elevation. Although hot, dry weather continued into the beginning of last week, the late rain that occurred at the beginning of this week had producers optimistic over the condition of crops and pastures. The US Drought Monitor from June 30 illustrated daytime highs for the week ranging from 92 degrees in Sand Mountain, to a scorching 105 degrees in Donnan. Overnight lows varied from 57 degrees in Hamilton, Sand Mountain, and Opelka to 72 degrees in Mobile-Bates. Precipitation totals for the week ranged from 0 inches in all reporting weather stations in District 40, to 1.49 inches in Belle Mina over a period of 1 day. This year’s corn crop has been slow to develop and elevation.

**ARKANSAS:** Days suitable for fieldwork 6.0. Topsoil moisture 20% short, 80% adequate. Subsoil moisture 10% short, 90% adequate. Barley 60% headed, condition 5% fair, 55% good, 40% excellent. Oats 40% headed, condition 70% good, 30% excellent. Potatoes 95% emerged, condition 15% fair, 60% good, 25% excellent. First cutting of hay was reported as 60% complete. Condition of the hay crop was rated as 10% poor, 30% fair, 45% good, 15% excellent. Rate of crop growth was reported as 55% moderate, 45% rapid. No wind and rain damage was reported. The main farm activities were harvesting hay, irrigation, machinery maintenance.

**WASHINGTON, D.C.:** Temperatures were above normal across the State for the week ending July 5. Precipitation was reported at 18 of the 22 reporting stations. Small grain harvesting remains active across the State with at least 70 percent complete. Cotton squaring is completed on 60 percent of the acreage, behind last year and the 5-year average. Alfalfa harvest remains active on over three-quarters of the State’s acreage. Alfalfa conditions remain good to excellent. Range and pasture conditions vary from very poor to good, depending on location and elevation.
GEORGIA: Days suitable for fieldwork 6.5. Soil moisture 24% very short, 47% short, 28% adequate, and 1% surplus. Topsoil moisture 24% very short, 47% short, 28% adequate, 1% surplus. Corn 1% very poor, 10% poor, 36% fair, 42% good, 11% excellent; 92% silked, 93% 2008, 91% avg.; 54% dough, 54% 2008, 56% avg.; 18% dent, 17% 2008, 18% avg. Soybeans 91% planted, 97% 2008, 96% avg.; 90% emerged, 88% 2008, 91% avg.; blooming 8%, 9% 2008, 15% avg. Sorghum 1% very poor, 6% poor, 57% fair, 35% good, 1% excellent; 78% planted, 82% 2008, 88% avg. Apples 0% very poor, 4% poor, 14% fair, 31% good, 51% excellent. Hay 3% very poor, 17% poor, 42% fair, 34% good, 4% excellent. Peaches 0% very poor, 8% poor, 11% fair, 81% good, 0% excellent; 51% harvested, 57% 2008, 55% avg. Pecans 0% very poor, 1% poor, 39% fair, 44% good, 16% excellent. Tobacco 11% very poor, 25% poor, 32% fair, 27% good, 5% excellent. Watermelons 3% very poor, 20% poor, 46% fair, 28% good, 3% excellent; 54% harvested, 61% 2008, 61% avg. Peanuts blooming 62%, 74% 2008, 73% avg. Hot and dry weather helped hay harvesting, but stopped forage production. Some soybean fields were stressed from the dry weather and some plantings has been delayed. Tobacco fields were sprayed for worms and leaf diseases. Tobacco growers began topping tobacco. Some corn fields experienced high population of army worms. Weather was happy for cotton, still in place for several agricultural sectors around the State. The light winds moved some of the volcanic haze into the Puna Sectors, with the major concentration still in the Ka‘u and Kona sectors of the island of Hawaii. In general, spring conditions were favorable for crop growth.

HAWAII: Days suitable for fieldwork 7. Soil moisture levels were adequate in many areas, but getting short in more locations, especially leeward sectors of all islands. Most banana and papaya orchards were in fair to good condition. Harvesting of fruits was at moderate to heavy levels. Warm temperatures has aided in fruit development. The head cabbage crop was harvested the week’s favorable weather to work their hay fields. All regions continued across Colorado last week. Most areas across the State reported average temperatures above normal for this time of year. This, along with an increase in moisture received, has led to the most favorable crop conditions in several years. DELAWARE: Days suitable for fieldwork 6.0. Topsoil moisture 2% very short, 12% short, 79% adequate, 7% surplus. Subsoil moisture 1% very short, 6% short, 91% adequate, 2% surplus. Hay supplies 0% very short, 8% short, 86% adequate, 6% surplus. Other Hay first cutting 100%, 93% 2008, 99% avg.; second cutting 27%, 57% 2008, 56% avg. Alfalfa Hay first cutting 100%, 100% 2008, 100% avg.; second cutting 46%, 70% 2008, 76% avg. Pasture condition 1% very poor, 4% poor, 18% fair, 75% good, 2% excellent. Corn condition 5% very poor, 12% poor, 35% fair, 37% good, 11% excellent; 100% harvested, 98% 2008, 99% avg.; 15% silked. 10% 2008, 33% avg. Soybeans 92% planted, 80% 2008, 88% avg.; condition 2% very poor, 11% poor, 34% fair, 44% good, 9% excellent; 67% emerged, 72% 2008, 80% avg.; blooming 1%, 2% 2008, 3% avg. Winter wheat condition 3% very poor, 6% poor, 32% fair, 55% good, 4% excellent. Barley condition 2% very poor, 11% poor, 28% fair, 32% good, 23% excellent; 95% harvested, 56% 2008, 64% avg. Apple condition 2% very poor, 6% poor, 14% fair, 72% good, 6% excellent. Peach condition 7% very poor, 13% poor, 8% fair, 71% good, 1% excellent; 22% harvested, 4% 2008, 6% avg. Winter wheat 69% harvested, 62% 2008, 63% avg. Cantaloup 96% planted, 90% 2008, 94% avg.; 3% harvested, 2% 2008, 4% avg. Cucumbers 66% planted, 79% 2008, 72% avg.; 6% harvested, 11% 2008, 9% avg. Green peas 90% harvested, 84% 2008, 91% avg. Lima beans 77% planted, 70% 2008, 70% avg. Potatoes 5% harvested, 1% 2008, 2% avg. Snap beans 83% planted, 95% 2008, 94% avg. Sweet corn 91% planted, 91% 2008, 90% avg. Tomatoes 99% planted, 99% 2008, 97% avg.; 1% harvested, 3% 2008, 2% avg. Watermelons 98% planted, 92% 2008, 97% avg.; 1% harvested, 3% 2008, 5% avg. Apples 2% harvested, 0% 2008, 0% avg. Strawberries 100% harvested, 100% 2008, 100% avg. Farmers are taking advantage of the good weather and harvesting wheat and barley. Corn and Soybeans are progressing well.

FLORIDA: Topsoil moisture 2% very short, 13% short, 71% adequate, 14% surplus. Subsoil moisture 16% short, 73% adequate, 11% surplus. Peanuts 49% planted, 52% 2008, 49% 5-yr avg.; condition 3% poor, 18% fair, 66% good, 13% excellent. Soybeans, cotton, peanuts drought stressed, Panhandle. Cotton, good condition, Okaloosia County, Good growers took time this week to replant. Some soybean fields seedling death, Holmes County. Corn growers concerned about pollination during hot, dry weeks, replanted. Some soybean fields seedling death, Holmes County. Corn. Some summer rains applied as rainfall permitted. Fresh fruit packinghouses closed for season. Valencia orange harvest nearly completed. Most blackberries were harvested, Hernando County. Okra, avocados also marketed. Summer weather patterns normal, citrus-producing areas. Growers in most areas reported trees in good condition. Cultural practices continued, included limited fertilizations, hedging, rescoping of young trees. Some summer sprays applied as rainfall permitted. Fresh fruit packinghouses closed for season. Seasonal orange harvest nearly over, remaining processing plants closed for season. Growers focused on psyllid control using both aerial, ground spraying. Pasteur Feed 1% very poor, 3% poor, 26% fair, 43% good, 25% excellent. Cattle Condition 1% very poor, 4% poor, 30% fair, 50% good, 15% excellent. Panhandle, north pasture condition very poor to excellent, most fair to good. High temperatures oppressive for cattle, especially difficult for dairies. Cattle condition mostly fair to good. Central summer rainfall pattern beneficial to crops, range pastures mostly good. Soy ponds water levels low. Southern pasture mostly good to excellent, some in poor condition due to localized flooding in low lying areas. Cattle condition very poor to excellent with most fair to good. Statewide cattle condition very poor to excellent, most fair to good.
farmers who waited until the weekend got rained out and were unable to finish it in many parts of the state. Wheat is reported at 62% harvested, compared to 52% last year and a five year average of 82%. The average height of corn is 41 inches, compared to 45 inches last year and a five year average of 61 inches. Soybeans are 94% emerged, on pace with last year but below the five year average of 99%.

**INDIANA:** Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 14% short, 67% adequate, 18% surplus. Subsoil moisture 1% very short, 7% short, 78% adequate, 14% surplus. Corn 2% silked, 0% 2008, 17% avg., condition 2% very poor, 8% poor, 26% fair, 52% good, 12% excellent. Soybeans 95% emerged 2008, 99% avg., blooming 3%, 4% 2008, 20% avg.; condition 2% very poor, 8% poor, 26% fair, 54% good, 10% excellent. Winter wheat 55% harvested, 36% 2008, 60% avg.; condition 1% very poor, 8% poor, 25% fair, 51% good, 15% excellent. Pasture condition 1% very poor, 4% poor, 20% fair, 55% good, 20% excellent. Alfalfa second cutting 28% complete, 18% 2008, 35% avg. Temperatures ranged from 40 to 100 below normal with a low of 570 and a high of 920. Precipitation averaged from 0.05 inches to 1.87 inches. A week of unseasonably cool temperatures slowed crop growth across most of the state. Irrigation systems were active as soils were becoming dry in some fields. Dry weather did allow farmers to make progress in the herbicide application. Temperatures were slightly below normal for what was a good week for Iowa crops and livestock.

**KANSAS:** Days suitable for field work 5.6. Topsoil moisture 2% very short, 7% short, 80% adequate, and 13% surplus. Subsoil moisture 1% very short, 4% short, 80% adequate, and 15% surplus. Corn 2% tasseled, 11% average, 0% last year. Corn condition 1% very poor, 3% poor, 14% fair, 55% good, and 27% excellent. Corn stand was rated 95% of normal with 100% being normal. Soybeans 97% emerged, 99% average, 95% past year. Soybeans blooming 28%, 88% average, 13% last year. Soybean condition 1% very poor, 3% poor, 16% fair, 59% good, 21% excellent. Oats 92% headed, 95% average, 83% last year. Oats turning color 2% very short, 48% average, 22% last year. Oat condition rated 0% very poor, 4% poor, 21% fair, 57% good, and 18% excellent. Alfalfa first harvest 94%, 97% average, 91% last year. Alfalfa second harvest 21%, 27% average, 5% last year. All Hay conditions 1% very poor, 9% poor, 28% fair, 48% good, 12% excellent. Pasture and range condition rated 1% very poor, 6% poor, 21% fair, 51% good, 21% excellent. Just as many were gearing up for fireworks, rain began to fall over the holiday weekend on some areas. Many farmers were finally able to enter fields to finish herbicide applications. Temperatures were slightly below normal for what was a good week for Iowa crops and livestock.

**MICHIGAN:** Days suitable for fieldwork 5. Topsoil moisture 3% very short, 17% short, 70% adequate, 10% surplus. Subsoil 2% very short, 10% short, 79% adequate, 9% surplus. Corn height 26 inches. Winter Wheat turning 71%, 87% 2008, 90% avg. Barley 7% poor, 36% fair, 45% good, 9% excellent. Oats 2% poor, 26% fair, 59% good, 13% excellent. Barley 86% harvested, 93% 2008, 79% avg.; condition 1% very poor, 7% poor, 18% fair, 72% average. Winter wheat 92% condition 1% very poor, 4% poor, 23% fair, 66% good, 6% excellent; 62% harvested, 58% 2008, 62% avg. Apple condition 0% very poor, 0% poor, 11% fair, 88% good, 1% excellent. Peach condition 0% very poor, 6% poor, 16% fair, 74% good, 4% excellent. Cantaloupe 90% planted, 4% 2008, 100% 2008; 2% harvested, 9% 2008, 1% average. Cucumbers 83% planted, 74% 2008, 65% avg.; 17% harvested, 8% 2008, 13% avg. Green peas 98% harvested, 98% 2008, 91% avg. Lima beans 68% planted, 81% 2008, 73% avg.; 2% harvested, 9% 2008, 10% avg. Potatoes 16% harvested, 4% 2008, 11% avg. Snap beans 94% planted, 91% 2008, 74% avg. Sweet corn 94% planted, 94% 2008, 96% avg. Tomatoes 85% planted, 85% 2008, 95% avg.; 6% harvested, 7% 2008, 6% avg. Watermelons 95% planted, 99% 2008, 97% avg. Peaches 3% harvested, 3% 2008, 3% avg. Strawberries 100% harvested, 100% 2008, 100% avg. Farmers are taking advantage of the good weather and harvesting wheat and barley. Corn and Soybeans are progressing well.

**MARYLAND:** Days suitable for fieldwork 6.0. Topsoil moisture 1% very short, 16% short, 76% adequate, 7% surplus. Subsoil moisture 0% very short, 8% short, 84% adequate, 8% surplus. Hay supplies 6% very short, 0% short, 89% adequate, 5% surplus. Other Hay first cutting 95%, 92% 2008, 95% avg.; second cutting 39%, 21% 2008, 40% avg. Alfalfa Hay first cutting 96%, 99% 2008, 98% avg.; second cutting 66%, 54% 2008, 68% avg.; third cutting 1%, 3% 2008, 4% avg. Pasture condition 0% very poor, 4% poor, 11% fair, 86% good, 19% excellent. Corn condition 2% very poor, 5% poor, 21% fair, 51% good, 21% excellent; 100% emerged, 100% 2008, 99% avg.; 16% silked, 14% 2008, 26% avg. Soybean condition 2% very poor, 3% poor, 32% fair, 51% good, 12% excellent; 88% planted, 89% 2008, 92% avg.; 72%, emerged 77% 2008, 90% avg.; blooming 1%, 3% 2008, 4% avg. Barley 98% harvested, 93% 2008, 79% avg.; condition 1% very poor, 2% poor, 18% fair, 72% average. Wheat 91% condition 1% very poor, 4% poor, 23% fair, 66% good, 6% excellent; 62% harvested, 58% 2008, 62% avg. Apple condition 0% very poor, 0% poor, 11% fair, 88% good, 1% excellent. Peach condition 0% very poor, 6% poor, 16% fair, 74% good, 4% excellent. Cantaloupe 90% planted, 4% 2008, 100% 2008; 2% harvested, 9% 2008, 1% average. Cucumbers 83% planted, 74% 2008, 65% avg.; 17% harvested, 8% 2008, 13% avg. Green peas 98% harvested, 98% 2008, 91% avg. Lima beans 68% planted, 81% 2008, 73% avg.; 2% harvested, 9% 2008, 10% avg. Potatoes 16% harvested, 4% 2008, 11% avg. Snap beans 94% planted, 91% 2008, 74% avg. Sweet corn 94% planted, 94% 2008, 96% avg. Tomatoes 85% planted, 85% 2008, 95% avg.; 6% harvested, 7% 2008, 6% avg. Watermelons 95% planted, 99% 2008, 97% avg. Peaches 3% harvested, 3% 2008, 3% avg. Strawberries 100% harvested, 100% 2008, 100% avg. Farmers are taking advantage of the good weather and harvesting wheat and barley. Corn and Soybeans are progressing well.
inches diameter southwest; growers thinning fruit west central. Pears ranged from 21 to 26 mm diameter northwest and 1.125 inches southeast. Plums 1 inch diameter southern Michigan and 19 mm northwest. Southeast, growers preparing to harvest summer red and black raspberries; fall red raspberries ranged from 24 to 30 inches length. Sawfly damage was widespread. In non-irrigated fields, there are currently drought-like conditions across much of the state. Many producers are hopeful that light rains over the weekend will lead to greater precipitation for the rest of the summer.

MISSOURI: Days suitable for fieldwork 5.4. Topsoil moisture 1% very poor, 14% short, 68% adequate, 17% surplus. Subsoil moisture 0% very poor, 6% short, 8% short, 94% last year. 11% hay 2nd cutting 37%, 20% 2008, 57% normal. Other hay cut 72%, 63% 2008, 80% normal. Topsoil dryness is appearing in southern parts. A few non-irrigated fields are showing some stress in the southeast after last week’s high temperatures. Wheat yields have been highly variable. Pasture condition 4% poor, 29% fair, 57% good, and 10% excellent. Stockwater supplies are adequate statewide. Temperatures were mostly to 2 degrees below normal. Rainfall averaged 1.5 inches.

MONTANA: Days suitable for field work 6.4. Topsoil moisture 15% very poor, 8% short; 45% short; 38% last year; 39% adequate, 52% last year; 1% surplus, 2% last year. Subsoil moisture 13% very poor, 12% last year; 46% short, 36% last year; 40% adequate, 51% last year; 1% surplus, 1% last year. Winter wheat condition 3% very poor, 1% last year; 9% poor, 8% last year; 30% fair, 49% last year; 47% good, 34% last year; 11% excellent, 8% last year. Barley condition 1% very poor, 1% last year; 8% poor, 4% last year; 31% fair, 33% last year; 46% good, 50% last year; 14% excellent, 12% last year. Spring wheat condition 1% very poor, 1% last year; 9% fair, 14% last year. Barley 74% boot stage, 100% planted, 100% 2008, 100% avg.; 97% last year, 27% fair, 27% last year; 54% good, 57% last year; 6% excellent, 6% last year. Oats condition 1% very poor, 3% last year; 4% poor, 4% last year; 26% fair, 44% last year; 58% good, 43% last year; 11% excellent, 6% last year. Durum Wheat condition 1% very poor, 2% last year; 1% poor, 22% last year; 18% fair, 32% last year; 63% good, 40% last year; 7% excellent; 14% last year. Barley 74% boot stage, 100% planted, 100% 2008, 100% avg.; 97% last year, 28% headed, 43% last year. Camellia 96% blooming, 98% last year; 3% turning, 41% last year. Dry Peas 49% blooming, 85% last year. Durum Wheat 56% boot, 74% last year; 7% headed, 32% last year. Lentils 37% blooming, 62% last year. Oats 85% boot, 84% last year; 34% headed, 45% last year. Potatoes 89% emerged, 96% last year. Spring Wheat 68% boot stage, 87% last year; 15% headed, 34% last year. Winter Wheat 94% boot stage, 92% last year; 7% headed, 8% last year. Alfalfa hay first cutting, 52% complete, 50% last year. Other hay first cutting 47% complete, 42% last year. Montana saw high temperatures and low precipitation for the week ending July 9th. Olney had the low temperature at 34 degrees. Miles City had the high temperature at 97 degrees. Sidney received the greatest amount of precipitation with 1.81 inches last week. Range and pasture feed condition 5% very poor, 4% last year; 14% poor, 11% last year; 29% fair, 30% last year; 37% good, 38% last year; 15% excellent, 17% last year.

NEBRASKA: Days suitable for fieldwork 5.8. Topsoil moisture 1% very poor, 9% short, 83% adequate, and 7% surplus. Subsoil moisture 1% very poor, 7% short, 87% adequate, and 5% surplus. Corn conditions 1% very poor, 3% poor, 12% fair, 60% good, and 24% excellent; irrigated conditions 1% very poor, 3% poor, 11% fair, 61% good, and 24% excellent; dryland conditions 1% very poor, 3% poor, 12% fair, 60% good, and 24% excellent; 6% silked, 1% 2008, 9% avg. Soybean conditions 1% very poor, 2% poor, 14% fair, 62% good, and 21% excellent; 100% emerged, 99% 2008, 100% avg.; 13% blooming, 7% 2008, 25% avg. Sorghum conditions 1% very poor, 3% poor, 20% fair, 67% good, and 9% excellent; 100% planted, 100% 2008, 100% avg.; 96% 2008, 0% avg.; 0% turning color, 0% 2008, 0% avg. Winter wheat conditions 2% very poor, 5% poor, 19% fair, 54% good, and 20% excellent. Wheat 93% turning color, 93% 2008, 97% avg.; 35% ripe, 28% 2008, 59% avg.; 11% harvested, 5% 2008, 31% avg. Proso millet 85% planted, 95% 2008, 93% avg. Oats conditions 0% very poor, 5% poor, 8% fair, 68% good, and 19% excellent. Oats 94% headed, 94% 2008, 96% avg.; 5% harvested, 0% 2008, 9% avg. Dry beans conditions 1% very poor, 12% poor, 20% fair, 61% good, and 6% excellent; 96% emerged, 95% 2008, 98% avg.; 0% blooming, 3% 2008, 3% avg. Alfalfa conditions rated 2% very poor, 5% poor, 20% fair, 58% good, 15% excellent; 98% 1st cutting, 97% 2008, 94% last year, 41% avg. Pasture and Range conditions 1% very poor, 1% poor, 10% fair, 72% good, and 16% excellent. Wild hay conditions rated 1% very poor, 2% poor, 13% fair, 63% good, and 21% excellent. Wheat
NEW ENGLAND: Days suitable for field work 2.4. Topsoil moisture 34% adequate, 66% surplus. Subsoil moisture 39% adequate, 61% surplus. Pasture condition 4% very poor, 16% poor, 30% fair, 44% good, 4% excellent. Maine Potatoes condition good. Rhode Island Potatoes condition N/A. Massachusetts Potatoes condition good. Maine Oats condition good. Maine Barley condition good. Field Corn 99% planted, 99% 2008, 99% available; condition fair/good. Sweet Corn 95% planted, 95% 2008, 95% available; condition fair/good. Shade Tobacco 100% transplanted, 100% 2008, 100% available; condition fair/good. Broadleaf Tobacco 99% transplanted, 99% 2008, 100% available; condition good/fair. First Crop Hay 70% harvested, 75% 2008, 75% average; condition fair/poor in Massachusetts and New Hampshire, good/fair elsewhere. Second Crop Hay 5% harvested, 10% 2008, 10% average; condition fair/good. Apples Fruit Set average/below average in Connecticut, average elsewhere; Fruit Size average; condition good/fair in Connecticut and New Hampshire, good elsewhere. Peaches Fruit Set average/below average in New Hampshire, average elsewhere; Fruit Size average/above average in Connecticut and New Hampshire, good elsewhere; condition good/fair in Connecticut, good elsewhere. Pears Fruit Set average; Fruit Size average; condition fair/good. Strawberries 80% harvested, 75% 2008, 70% average; Fruit Set average; Fruit Size average; condition fair/good. Massachusetts Cranberries Full Bloom to Petal Fall; condition good. Highbush Blueberries 5% harvested, 5% 2008, <5% average; Fruit Set average; Fruit Size average; condition good/fair in Connecticut and Maine, good elsewhere. Maine Wild Blueberries Fruit Set above average; Fruit Size average; condition good. The first part of last week was once again cool and rainy. Days suitable for field work were the last part of the week with daytime temperatures ranging in the upper 60s to low 70s. Nighttime temperatures were average, ranging in the mid-50s to low 60s. Rain fell Monday through Friday in the southern states and Monday through Saturday in the northern states. Thunderstorms raged through the area on Wednesday and Friday, providing the heaviest rainfall of the week, as well as hail and tornadoes in Connecticut and New Hampshire. Damage was reported on broadleaf and shade tobacco, peaches, and apples. Total precipitation for the week ranged from 0.56 to 4.34 inches. The holiday weekend provided the first glimpse of relief from the rain, though most locations were still too wet to complete much fieldwork. Farmers were busy finishing up vegetable and field crop planting, applying pesticides and fungicides to vegetable and fruit crops, and harvesting early season vegetables and dry hay/haylage.

NEW ENGLAND: Days suitable for field work 5.7. Topsoil moisture 13% short, 74% adequate, 13% surplus. Subsoil moisture 1% very short, 10% short, 72% adequate, 17% surplus. Durum wheat 76% jointed, 83% 2008, 82% avg.; 38% boot, 59% 2008, 59% avg.; 8% headed, 36% 2008, 36% avg.; condition 2% poor, 26% fair, 66% good, 6% excellent. Spring wheat 52% boot, 82% 2008, 84% average. Barley 52% booted, 84% 2008, 88% average. Oats 59% booted, 82% 2008, 82% average. Canola 81% rosette, 93% 2008, 95% avg.; 28% blooming, 55% 2008, 71% avg.; condition 1% very poor, 1% poor, 23% fair, 57% good, 18% excellent. Dry edible peas 62% flowering, 78% 2008, average not available; condition 20% fair, 75% good, 5% excellent. Flaxseed 12% blooming, 39% 2008, 45% avg. condition 3% poor, 31% fair, 61% good, 5% excellent. Dry edible beans 2% blooming, 5% 2008, 16% avg.; condition 2% very poor, 3% poor, 20% fair, 61% good, 14% excellent. Potatoes 10% blooming, 20% 2008, 36% avg.; condition 7% very poor, 10% poor, 25% fair, 46% good, 12% excellent. Sugarbeets condition 3% very poor, 5% poor, 25% fair, 58% good, 9% excellent. Canola 12% blooming, 39% 2008, 47% avg.; condition 1% poor, 14% fair, 74% good, 11% excellent. Pasture and range conditions 2% very poor, 5% poor, 19% fair, 64% good, 10% excellent. Stockwater supplies 2% short, 87% adequate, 11% surplus. First cutting alfalfa 54% complete, 50% 2008, 65% average. Hay condition 1% meadow, 11% fair, 59% good, 14% excellent. Broadleaf spraying 88% complete and wild oats spraying 92% complete. Below normal precipitation across much of the state allowed for increased field activities while small grain crop development made good progress. Field activities included scouting for
insects and disease, haying and finishing up spraying.

**Oklahoma:** Days suitable for fieldwork 6.2. Topsoil moisture 25% very short, 41% short, 34% adequate, 0% surplus. Subsoil moisture 18% very short, 44% short, 38% adequate, 0% surplus. Wheat plowed 50% this week, 20% last week, 41% last year, 47% average. Rye condition 33% very poor, 33% poor, 20% fair, 14% good; 99% harvested this week, 80% last week, 94% last year, 87% average; 44% plowed this week, N/A last week, 41% last year, 49% average. Oats condition 20% very poor, 19% poor, 39% fair, 20% good 2% excellent; 98% harvested this week, 75% last week, 86% last year, 83% average; 51% plowed this week, 72% last week, 82% last year, 85% average. Corn condition 9% poor, 27% fair, 30% good, 34% excellent; 56% silking this week, 35% last week, 43% last year, 51% average. Sorghum emerged 59% this week, 50% last week, 53% last year, 72% average. Soybeans condition 9% poor, 35% fair, 52% good, 4% excellent; 98% planted this week, 92% last week, 77% last year, 83% average; 37% emerged this week, 82% last week, 86% last year, 88% average; blooming 12% this week, N/A last week, N/A last year, 15% average. Peanuts 100% emerged this week, 100% last week, 100% last year, 100% average. Cotton 89% emerged this week, 90% last week, 100% last year, 98% average. Alalfa hay condition 2% very poor, 9% poor, 39% fair, 43% good, 7% excellent; 2nd cutting 93% this week, 73% last week, 95% last year, 90% average; 3rd cutting 13% this week, 0% last week, 46% last year, 33% average. Other hay condition 5% very poor, 17% poor, 40% fair, 33% good, 5% excellent; 1st cutting 72% this week, 66% last week, 68% last year, 76% average. Watermelons running 92% this week, 91% last week, 95% last year, 99% average; setting fruit 66% this week, 55% last week, 69% last year, 83% average. Livestock condition 5% poor, 34% fair, 34% good, 5% excellent. Pasture and range condition 3% very poor, 8% poor, 38% fair, 45% good, 6% excellent. Livestock Feeders steer prices less than 600 pounds averaged $102 per cwt. Prices for heifers, 600-800, less than 800 pounds averaged $91 per cwt. Prices for steers, less than 800 pounds averaged $105 per cwt. Prices for fed steers, less than 800 pounds averaged $106 per cwt. Pasture and Range condition reported the most with 0.50 total inches. Field Crops. Lots of haying activity underway after plenty of dry weather. Grass seed harvest continued, including swathing of tall fescue, annual ryegrass, bluegrass seed, crimson clover. Red clover was in various stages of early bloom. Wheat was in the early stages of flowering with some good growth for the season across the region. Alfalfa first cutting was nearly complete with second cutting just getting underway. Vegetables Good growing weather for vegetables throughout the week. Irrigation has been ongoing. Farmers markets were busy with abundant local produce. Fruits, Nuts; Sweet cherry harvest continued this week, fruit quality was reportedly excellent. Growers in Wasco County are in the middle of Bing cherry harvest. In Washington County Royal Ann, black cherries were ready for harvest. Strawberry harvest was ending while blackberries was underway. Early varieties of blueberries, raspberries, blackberries were ripe. Routine summer orchard operations continued in the Hood River Valley; elsewhere in the State pear orchards seemed to be in good condition. Vineyards were looking good. Yamhill County reported that unseasonably hot weather put more water demand on fruit, nut trees. A good rain would be welcome for crops. Nurseries, Greenhouses; Greenhouses continued with clean- up, maintenance activities such as placing hanging baskets. Nurseries were still busy with potted, balled, burlapped stock. Livestock, Range, Pasture; Livestock across the state continue to do well. Pastures in the Eastern part of the State held up well despite the high temperatures last week. Livestock in the western part of the State were moved to irrigated pastures or higher ranges as pastures dried up.

**Pennsylvania:** Days suitable for fieldwork 4. Soil moisture 3% short, 78% adequate, 19% surplus. Corn crop condition 1% very poor, 3% poor, 15% fair, 57% good, 24% excellent. Corn height 35 inches, 36 inches 2008, 44 inches avg. Soybean crop condition 3% poor, 18% fair, 58% good, 21% excellent; 96% planted, 99% 2008, 100% avg.; 89% emerged, 85% 2008, 94% avg. Wheat crop condition 1% very poor, 7% poor, 29% fair, 49% good, 14% excellent; turning yellow 96% complete, 98% 2008, 98% avg.; ripe 69% complete, 64% 2008, 69% avg.; 14% harvested, 19% 2008, 25% avg. Barley ripe 94% complete, 98% 2008, 97% avg.; 86% harvested, 80% 2008, 80% avg. Oat condition 2% very poor, 7% poor, 12% fair, 70% good, 17% excellent; second cutting 93%, 84% 2008, 93% avg.; second cutting 20%, 9% 2008, 10% avg. Peaches 1% harvested, 0% 2008, 4% avg. Apples % summer varieties harvested 10% 2008, 7% 2008, 7% avg.

**South Carolina:** Days suitable for fieldwork 6.5. Soil moisture 15% very short, 52% short, 33% adequate, 0% surplus. Corn 0% very poor, 6% poor, 45% fair, 40% good, 9% excellent. Soybeans 0% very poor, 0% poor, 55% fair, 45% good, 0% excellent. Tobacco 0% very poor, 2% poor, 49% fair, 46% good, 3% excellent. Hay 0% very poor, 0% poor, 18% fair, 78% good, 4% excellent; second cutting 87% complete, 81% 2008, 84% avg. Corn 14% harvested, 15% complete, 6% 2008, 7% avg. Quar of hay made 2% very poor, 12% poor, 28% fair, 46% good, 12% excellent. Peach crop conditions 7% poor, 7% fair, 54% good, 32% excellent. Apple crop conditions 4% fair, 56% good, 40% excellent. Pasture conditions 3% very poor, 4% poor, 22% fair, 49% good, 22% excellent. Favorable weather conditions seemed to be the highlight of the state. Primary field activities included haymaking, harvesting, spraying, planting double-crop soybeans, and baling straw. The wheat harvest is starting to take place, while the barley harvest is rapidly approaching completion. The cherry and peach harvest has begun, with the first sweet corn soon ready, and pumpkins being planted as weather conditions allow.

**Oregon:** Days suitable for fieldwork 6.8. Topsoil moisture 10% very short, 41% short, 48% adequate, 1% surplus. Subsoil moisture 10% very short, 32% short, 55% adequate, 3% surplus. Alfalfa Hay 92% first cutting, 95% 2008, 63 % avg.; 22% second cutting, 37% 2008, 28 % average. Spring Wheat 90% headed, 91% 2008, 90% avg.; Condition 6% very poor, 13% poor, 34% fair, 40% good, 7% excellent. Winter Wheat Condition 9% very poor, 21% poor, 37% fair, 30% good, 3% excellent. Corn Condition 0% very poor, 2% poor, 17% fair, 68% good, 13% excellent. Barley Condition 0% very poor, 5% poor, 41% fair, 46% good, 8% excellent. Pasture and Range, 97% very poor, 7% poor, 31% fair, 50% good, 10% excellent. Weather Conditions were very warm with little moisture reported. High temperatures ranged from 101 degrees in Echo, Hermiston, down to 62 degrees in Crescent City. Low temperatures ranged from 34 degrees in Christmas Valley, to 56 degrees in Ontario. Only nine of the forty three stations reported a measurable amount of precipitation last week. The Joseph station reported the most with the 0.50 total inches. Field Crops Lots of haying activity underway after plenty of dry weather. Grass seed harvest continued, including swathing of tall fescue, annual ryegrass, bluegrass seed, crimson clover. Red clover was in various stages of early bloom. Wheat was in the early stages of flowering with some good growth for the season across the region. Alfalfa first cutting was nearly complete with second cutting just getting underway. Vegetables Good growing weather for vegetables throughout the week. Irrigation has been ongoing. Farmers markets were busy with abundant local produce. Fruits, Nuts; Sweet cherry harvest continued this week, fruit quality was reportedly excellent. Growers in Wasco County are in the middle of Bing cherry harvest. In Washington County Royal Ann, black cherries were ready for harvest. Strawberry harvest was ending while blackberries was underway. Early varieties of blueberries, raspberries, blackberries were ripe. Routine summer orchard operations continued in the Hood River Valley; elsewhere in the State pear orchards seemed to be in good condition. Vineyards were looking good. Yamhill County reported that unseasonably hot weather put more water demand on fruit, nut trees. A good rain would be welcome for crops. Nurseries, Greenhouses; Greenhouses continued with clean-up, maintenance activities such as placing hanging baskets. Nurseries were still busy with potted, balled, burlapped stock. Livestock, Range, Pasture; Livestock across the state continue to do well. Pastures in the Eastern part of the State held up well despite the high temperatures last week. Livestock in the western part of the State were moved to irrigated pastures or higher ranges as pastures dried up.
dough this past week. The lack of rain has put the corn crop under a
great deal of stress and yields are likely to decline rapidly if rain does
not arrive soon. Tobacco continued to progress ahead of schedule for
this time of year. Seventy-five percent of the crop had topped and
10% had been harvested. Sunny days helped growers to complete
winter wheat harvest and condition was mostly very poor to fair. Wheat
condition had squared. Ninety-two percent of soybeans had emerged; the
crop continued to bloom at a somewhat delayed pace. Half of the peanut
crop had pegged. Growers harvested cucumbers at a rapid pace this
past week. Tomatoes harvested made significant gains as well.
Watermelon and cantaloupe harvesting continued at a steady pace.
Thirty-eight percent of peaches had been harvested.

SOUTH DAKOTA: Days suitable for fieldwork 4.7. Topsoil moisture
3% very short, 26% short, 64% adequate, 7% surplus. Subsoil
moisture 6% very short, 28% short, 63% adequate, 3% surplus. Winter
wheat turning color 73%, 57% 2008, 81% avg.; ripen 0%, 1% 2008, 21%
avg. Barley in boot 96%, 80% 2008, 9% avg.; headed, 71% 2008, 57% 2008,
82% avg.; turning color 4%, 4% 2008, 17% avg.; color 4% very poor, 11%
poor, 14% fair, 65% good, 20% excellent. Corn height 26 inches, 24
Alfalfa Hay 1st Cutting 93%, 86% 2008, 95% avg. Alfalfa hay 2nd
Cutting 7%. Other Hay Cut 64%, 66% 2008, 68% avg. Cattle and
 calves condition 0% very poor, 0% poor, 9% fair, 77% good, 12%
excellent. Sheep condition 0% very poor, 0% poor, 9% fair, 77% good,
14% excellent. Stock water supplies 1% very short, 12% short, 86%
adequate, 1% surplus. Apricots 48% harvested, 9% 2008, 27% avg.
Sweet cherries 10% harvested, 3% 2008, 45% avg. Tart cherries 25%
harvested, 0% 2008, 13% avg. The state of Utah had another week of
weevil and dryer temperatures showed no sign of slowing. Farmers
look to be having a good year. Livestock around the state continues to
do well. Box Elder County reports a drier week with a few isolated
thundershowers in some areas. Temperatures for the week were in
the low to mid 90’s. The major activity this week was getting the final
acres of first crop hay baled and hauled. Much of first crop was lost or
damaged, and will go for feeder hay. Some producers reported just
chopping the black windows, and blowing them onto the fields to
allow second crop to grow. Producers report heavy infestations of
weevil in the hay as cutting was delayed in some fields due to wet
weather. Crops continue to progress towards harvest. Some of the fall
barley and fall wheat are now ripening. Farmers are getting their
regulating corn and alfalfa. The corn has really started to grow with
more sunshine and warmer weather. It has changed color from a yellow cast
to a healthy dark green. Producers in some areas of the county are
spraying or preparing to spray due to a large number of grasshoppers
that are hatching. Cache County farmers have enjoyed a very busy
week in the fields. Most alfalfa hay has been harvested, though it is too
old for maximum quality. Grass hay is also being harvested with
exceptional yields resulting from the cool wet spring. A few warm days
have really helped the corn growth. Growers have been cultivating and
spraying herbicides so corn can be irrigated this week. Small grains
continue to look good. Some will be harvested in a few weeks without
any irrigation this year. Safflower is starting to branch and looks very
good. There is evidence of some grasshoppers this week. Cereal leaf
beetle and alfalfa weevil problems appear to have run their course.
Morgan County reports the 2nd crop hay harvest will be later than
normal because the rain prolonged the 1st crop hay harvest. The
majority of 1st crop hay was damaged by rain. Tooele County reports
that the spraying for grasshoppers did not have a significant effect,
possibly due to all the rainfall around the time they sprayed. Weber
County reports crops are growing well, and there are high hopes of a
2nd crop hay harvest without rain. Carbon County reports many hay
growers have been waiting for dry weather to cut hay, much of the
majority of 1st crop hay got cut this week. The Growth rate of crops has started to
pick up with warmer nighttime temperatures. Emery County reports
some rain showers this past week continued to cause problems with
completing 1st cutting of alfalfa. All irrigated crops are doing very well.
Many reservoirs in the area are nearing capacity, or water is flowing
over spillways. Mountain pastures are in excellent condition with all of
the rain over the past month. Sevier County reports on-going major
problems with grasshoppers, on range and cropland. Box Elder County
reports that both cattle and sheep are doing well on summer ranges.
Cache County reports livestock are somewhat troubled by flies and
mosquitoes, but are all doing well on pastures and rangelands. Carbon
County reports summer range looks really good this season.

TEXAS: Top soil moisture was mostly very short to adequate across
the state. Wheat condition was mostly very poor to fair. oat at a 92%
condition was mostly very poor to fair. Cotton condition was mostly fair
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 fair to good statewide. Range
and Pasture condition was mostly very poor to fair statewide. The Plains and
the Edwards Plateau received up to 2 inches of rainfall, while isolated showers brought up to 5 inches to specific areas. The
rest of the state experienced scattered showers receiving up to 0.5
inches of moisture. Wheat harvest neared completion in the Plains. In the
High Plains, cotton blooming progressed slowly. Dryland cotton
planting continued in the Edwards Plateau while irrigated cotton
progressed well. In South Texas, cotton boll setting continued, corn
progressed well under heavy irrigation, peanuts have emerged, and
watermelon harvest was active. Irrigated corn in the Northern High Plains
was in the pre-tassel stage and grain sorghum planting nearing completion.
Corn in the Blacklands was in early bloom color and ready for harvest.
Much corn in South Central Texas was baled for hay. Grain
sorghum was heading out in the Northern Low Plains and Blacklands.
Supplemental feeding of livestock continued in localized parts of the
state. Pastures and hay meadows suffered due to hot, dry conditions across
the state. Production was mostly across the state. Pasture moisture
condition, fair, 76% good, 12% excellent. Cotton 39% square, 49%
2008: 58% 5-yr avg.; condition 2% poor, 29% fair, 56% good, 13% excellent. Summer Potatoes 20% harvested, 34% 2008; 18% 5-yr avg.; condition 10% fair, 68% good, 22% excellent. Summer Apples 10% harvested, 4% 2008; 3% 5-yr avg.; All Apples 1% poor, 22% fair, 75% good, 2% excellent. Peaches 3% poor, 31% fair, 64% good, 2% excellent. Grapes 16% fair, 84% good. Oats 1% poor, 39% fair, 60% good. Wheat and barley harvest neared completion this week, as producers made the most of continued clear, dry weather. Several producers are planting their double cropped soybeans as soon as small grain harvest is complete. Days suitable for fieldwork were 5.9. Both hayfields and pastureland remain in overall good condition, and farmers are finishing either their first or second cuttings, depending on the extent of setback from previous rainfall. Tobacco producers have started making insecticide applications to treat hornworm outbreaks, and in some areas, are preparing for irrigation activities. Both soybeans and corn are coming along well, with adequate topsoil moisture and good weather in some counties. Rainfall helped crops a lot. Activities haying, planting spring wheat. Hail damage reported in one county. Sunshine in other areas helped crops a lot. Days suitable for field work 4. Topsoil moisture 9% adequate, 4% surplus. Subsoil moisture 1% very short, 13% short, 85% adequate, 1% surplus. Barley 88% jointed, 81% previous week, 94% 2008, 96% avg.; 67% boot, 55% previous week, 65% 2008, 81% avg.; 42% headed, 28% previous week, 43% 2008, 61% avg.; 11% turning color, 3% previous year, 18% avg. Oats 79% jointed, 68% previous week, 88% 2008, 91% avg.; 58% boot, 42% previous week, 57% 2008, 72% avg.; 37% headed, 21% previous week, 36% 2008, 46% avg. Wheat 89% planted, 89% previous week, 100% 2008, 100% avg.; 87% emerged, 85% previous week, 100% 2008, 100% avg.; 62% jointed, 54% previous week, 95% 2008, 96% avg.; 44% boot, 33% previous week, 70% 2008, 80% avg.; 21% headed, 13% previous week, 38% 2008, 58% avg. Winter Wheat 93% headed, 89% previous week, 95% 2008, 98% avg.; 51% turning color, 21% previous week, 57% 2008, 77% avg.; 3% mature, 6% previous year, 26% avg. Dry Beans 93% emerged, 78% previous week, 88% 2008, 96% avg.; 14% bloom, 3% previous week, 21% 2008, 15% avg. Corn 4% tasseled, 2% 2008, 1% avg.; average height 19.0 inches, 14.0 inches previous week. Alfalfa harvested 55% first cutting, 34% previous week, 53% 2008, 66% avg.; 1% second cutting. 0% 2008, 1% avg. Other hay harvested 17% total cut, 10% previous week, 19% 2008, 22% avg. Barley condition 10% fair, 79% good, 11% excellent. Oats condition 14% fair, 84% good, 2% excellent. Spring wheat condition 18% fair, 79% good, 3% excellent. Winter wheat condition 8% fair, 91% good, 1% excellent. Sugar beets condition 1% poor, 12% fair, 85% good, 2% excellent. Dry beans condition 10% fair, 90% good. Corn condition 6% fair, 94% good. Range and pasture conditions 18% fair, 61% good, 21% excellent. Stock water supplies 3% short, 89% adequate, 8% surplus. Some areas had insect damage in hay and pasture. Pasture conditions 3% very poor, 12% poor, 40% fair, 37% good and 2% excellent. Hops in many hop yards have crested the trellis system. Blueberry, Valley and Rainier cherry harvest started in the lower Yakima Valley. Whitman County reported dry peas were in bloom, and Grant County reported fresh pea harvest continued last year, 26% avg. while Timothy hay harvest was about done. Franklin County reported late season sweet corn was being planted. Christmas tree growers worried the extreme temperatures would result in “annual needle necrosis” in Noble fir. In the Yakima Valley and many other counties, cherry harvest continued as Bing harvest extends to the upper Yakima Valley. Hops in many hop yards have crested the trellis system. Blueberry, raspberry and summer squash harvest continued throughout the County. In Pacific County, cranberry growers were encouraged by good fruit development with recent warmer conditions. Range and pasture conditions 3% very poor, 12% poor, 40% fair, 37% good and 2% excellent. On the west side, shellfish growers continued seeding operations for both clams and oysters, along with the harvest of market sized product. On the east side, Klickitat County reported valley pastures are holding up well and cattle were doing fine.

**WASHINGTON:** Days suitable for fieldwork 7.0. Topsoil moisture 12% very short, 63% short and 25% adequate. Reports from grain growing counties indicate winter wheat is quickly turning. High temperatures late in the week will likely have an effect on grain filling and quality. Conditions continued hot and dry in the central part of the State and there were fears that spring wheat harvest in these areas would be hurt. The first cutting of hay was nearly complete and second was going down in several areas. Whitman County reported dry peas were in bloom, and Grant County reported fresh pea harvest continued last year, 26% avg. while Timothy hay harvest was about done. Franklin County reported late season sweet corn was being planted. Christmas tree growers worried the extreme temperatures would result in “annual needle necrosis” in Noble fir. In the Yakima Valley and many other counties, cherry harvest continued as Bing harvest extends to the upper Yakima Valley. Hops in many hop yards have crested the trellis system. Blueberry, raspberry and summer squash harvest continued throughout the County. In Pacific County, cranberry growers were encouraged by good fruit development with recent warmer conditions. Range and pasture conditions 3% very poor, 12% poor, 40% fair, 37% good and 2% excellent. On the west side, shellfish growers continued seeding operations for both clams and oysters, along with the harvest of market sized product. On the east side, Klickitat County reported valley pastures are holding up well and cattle were doing fine.

**WEST VIRGINIA:** Days suitable for field work 4. Topsoil moisture 5% short, 85% adequate and 10% surplus compared with 66% adequate and 34% surplus last year. Corn conditions 2% poor, 24% fair, 88% good, and 6% excellent; 97% emerged, 2008 and 5 yr-avg. not available. Corn silked 7%, 3% 2008, 5-yr avg. not available. Soybean conditions 21% fair, 78% good, and 1% excellent; 98% planted, 99% 2008, and 5-yr avg. not available. Soybeans 88% emerged, 87% 2008, and 5-yr avg. not available. Soybeans were 3% blooming, 4% in 2008, and 5-yr avg. not available. Winter wheat conditions 8% poor, 52% fair and 40% good; harvested for grain was 52%, 35% 2008, 30% 5-yr avg. Oat conditions 5% poor, 34% fair, 58% good and 3% excellent; 87% headed, 83% 2008, 77% 5-yr avg.; 10% harvested, 2008 and 5-yr. avg. not available. Hay was reported 4% poor, 30% fair, 59% good and 7% excellent. Hay first cutting is 79% complete, 75% in 2008, 81% 5-yr avg. Apple conditions 45% fair, 54% good and 1% excellent. Peaches 46% fair, 53% good and 1% excellent. Grapes 16% fair, 84% good. Oats 1% poor, 39% fair, 60% good. Wheat and barley harvest neared completion this week, as producers made the most of continued clear, dry weather. Several producers are planting their double cropped soybeans as soon as small grain harvest is complete. Days suitable for fieldwork were 5.9. Both hayfields and pastureland remain in overall good condition, and farmers are finishing either their first or second cuttings, depending on the extent of setback from previous rainfall. Tobacco producers have started making insecticide applications to treat hornworm outbreaks, and in some areas, are preparing for irrigation activities. Both soybeans and corn are coming along well, with adequate topsoil moisture and good weather in some counties. Rainfall helped crops a lot. Activities haying, planting spring wheat. Hail damage reported in one county. Sunshine in other areas helped crops a lot. Activities haying, planting spring wheat.