Weekly Weather and Crop Bulletin
State Stories

ALABAMA: Days suitable for fieldwork 6.2. Topsoil moisture 16% very short, 39% short, 45% adequate, 0% surplus. Corn condition 10% very poor, 17% poor, 30% fair, 38% good, 5% excellent; 90% silked, 80% 2007, 83% avg.; dough stage 44%, 15% 2007, 32% avg.; 7% dented, 9% 2007, 13% avg.; 0% mature, 5% 2007, 3% avg.; 0% harvested, 2% 2007, 2% avg. Soybean condition 0% very poor, 15% poor, 37% fair, 46% good, 2% excellent; 96% planted, 98% 2007, 94% avg.; 89% emerged, 88% 2007, 87% avg.; 27% blooming, 27% 2007, 18% avg.; 7% setting pods, 5% 2007, 4% avg. Livestock condition 0% very poor, 12% poor, 26% fair, 55% good, 7% excellent. Pasture and range condition 8% very poor, 14% poor, 41% fair, 14% good, 2% excellent. Crops and pastureland benefited tremendously from the recent rain showers that fell in some locations during the past week. Average temperatures during the past week were below normal at most reporting weather stations. All weather stations reported receiving precipitation during the past week. Year-to-date precipitation totals were below normal at all but three weather stations. Pasture conditions in areas of the state that had not received any rainfall declined during the past week. Some producers were harvesting a second cutting of hay. Overall, the state’s livestock were reported in mostly good to excellent condition. Some producers continued to cull older cattle to reduce the amount of feedstuffs being consumed.

ALASKA: Days suitable for fieldwork 5.0. Topsoil moisture 10% short, 90% adequate. Subsoil moisture 15% short, 85% adequate. Barley 30% headed, Condition 30% fair, 50% good, 20% excellent. Oats 15% headed, Condition 25% fair, 60% good, 15% excellent. Potatoes 95% emerged. Hay harvest 35% complete. Hay condition 10% poor, 22% fair, 60% good, 18% excellent. Crop growth was rated 65% moderate, 35% rapid. Wind or rain damage to crops was reported as 99% none, 1% light. The main farm activities for the week were harvesting hay, irrigation, weed control, general maintenance.

ARIZONA: Temperatures were above normal across the State for the week ending July 6, ranging from 2 to 9 degrees above normal. Precipitation was reported at 13 of the 22 reporting stations. There is only one reporting station with above normal precipitation for the year to date. Cotton squaring is 70 percent complete, 10 percentage points below the five year average. Thirty-eight percent of the cotton acreage has set bolls. Cotton condition in the State varies from fair to excellent. Small grain harvest is at least 66 percent complete. Alfalfa harvest remains active on three-quarters of the State’s acreage. Range and pasture conditions across the State are very poor to good, depending on location and elevation.

ARKANSAS: Days suitable for fieldwork 6.0. Topsoil moisture 9% very short, 24% short, 60% adequate, 7% surplus. Subsoil moisture 8% very short, 23% short, 62% adequate, 7% surplus. Corn 83% silked, 94% 2007, 94% avg.; 12% dough, 38% 2007, 26% avg.; condition 4% poor, 25% fair, 53% good, 18% excellent. Soybeans 96% planted, 100% 2007, 98% avg.; 4% setting pods, 14% 2007, 9% avg. Corn silked increased 22% by the end of the week but was still 11% behind both 2007 and the 5-year average. By the end of the week, corn in the dough stage was 27% behind last year and 13% behind the 5-year average. The cotton crop made significant progress as 20% of the crop was squaring last week. Setting bolls was 32% behind 2007 and 23% behind the 5-year average. Sorghum headed was more than a week behind last year and the 5-year average. Soybean farmers planted an additional 6% of their crops last week. Soybean crop emergence was 9% behind 2007 and 7% behind the 5-year average. Soybeans blooming was 13% behind last year and 5% behind the 5-year average. Some soybeans were setting pods. Producers applied pesticides to corn, rice, and soybeans and irrigated all of the spring row crops. Rice producers applied fertilizer to their crop last week. The crops were in mostly fair to good condition. Winter wheat harvested near completion as producers harvested an additional 2% of the crop by the end of last week. Farmers’ harvest of other crops included fruits and vegetables like peaches, blackberries, and tomatoes. The condition of livestock remained fair to good. Pasture and range and hay crops were reported in mostly fair to good condition. Producers fertilized some pasture and hay fields.

CALIFORNIA: Winter wheat harvest continued. Some corn for silage was still being planted while other fields progressed well. Planting weed spraying of corn for silage continued to wind down. Snow cover fields still remain in the rivers. Alfalfa harvest was progressing, while increased temperatures were causing the crop to grow at a rapid pace. The fourth cutting of alfalfa continued. Dry lima bean, blackeye bean planting was complete. Spring sugar beet harvest was almost complete while fall sugar beets continued to be irrigated, treated with insecticides. Cotton was growing well, was being irrigated, cultivated, and developing nicely with early planted fields being treated to control weeds. Irrigation activities increased due to the warm weather. Mildew pressure continued to be low given the dry season. In a few areas of the State, grape harvest had begun. The Red Flame variety was being picked in Kern County. The following stone fruit varieties were picked Castletrite, Poppy, Bobada, Tasty Rich apricots; Britanny Lane, Diamond Princess, Earlrich, Early Saturn, Elegant Lady, Galaxy, Ivory Princess, June Flame, July Flame, Magenta Queen, Rich Lady, Snow Angel, Snow Angel, Spring Flame, Spring Snow, Spring Treat, Sweet Kay, Sweet Sun, Summer Flame, Vista, Vista Gem peaches; Black Amber, Black Beaut, Black Splendor, Catalina, Owen T, Red Bead, Ruby Red, Ruby Rosa, Sugar Drop, Yummy Beaut plums; Dapple Supreme, Honey Red Dino plutos; Diamond Bright, Diamond Ray, Diamond Pearl, Candy Pearl, Grand Bright, Grand Pearl, Grand Sweet, Honey Fire, June Pearl, Red Bright, Red Diamond, Red Jewel, Red Roy, Ruby Diamond, Spring Bright, Sunny Gun nectarines. Figs were also harvested. Persimmons were thinned. Spring harvests of boysenberries, blueberries were winding down. Valencia orange harvest was slow. Navel harvest was finished for the season. Lemons, grapefruit were also harvested. Olives continued to form fruit. Nut fruits were developing normally. A few almonds were starting to open pods. Some almond groves were sprayed for mites, worms. Walnuts were sprayed for codling moth. Growers were planting more almonds, pistachio acres in Kern County. Growers in the Imperial Valley have completed melon harvest. Several fields of fresh market onions have been disked under because the market price will not cover harvest costs. Processing tomatoes were growing as well as could be expected. Producers were hoping for deliverable water. In southern San Joaquin Valley, harvest of tomatoes, squash, peppers, okra, cucumbers, and Oriental vegetables continued. Irrigation applications have increased due to the warmer weather with growers unsure how far the water will stretch. Some fields may go untended. In central San Joaquin Valley, commercial tomato harvest has begun as well as watermelon harvest on the west side of the valley. Transplanting of bell peppers, commercial tomatoes and melons continued. Cucumbers, peppers, summer squash, assorted vegetables continued to be harvested. Sweet corn was progressing normally for a late June harvest. Garlic continued to be harvested. Farmers for market oriental crops continued to be harvested. In northern San Joaquin Valley planting continued to wind down for fresh market tomato, bell peppers, freezer bean, cantaloupe, watermelon, honeydew melons. Current vegetables harvested were lettuce, carrots. Harvests of fresh market onion, summer squash continued with good quality reported in areas farther north into Yuba County. Other crops being harvested were dehydrated onions, carrots, summer squash, sweet
corn, artichokes. Tomatoes, beans, zucchini squash acreage was reduced due to lack of deliverable water. Heat has increased the presence of insects, army worms with insecticide application ongoing in many fields. Fire hazards remained, the effects of extremely poor grazing conditions continued. Cattle continued to be shipped, sold, placed out of state. Supplemental feeding was a necessity. Sheep were grazing on idle farmland, dry land grain fields, some rangelands in the central part of the state. Honeybees remained active in melon, squash, cucumber, sunflower, safflower, early vineseed fields. Some hives remained in holding areas. Leafcutter bees were prepared for placement in seed alfalfa fields.

**COLORADO:** Days suitable for fieldwork 6.0. Topsoil moisture 26% very short, 38% short, 36% adequate. Subsoil moisture 35% very short, 42% short, 23% adequate. Spring barley 81% headed, 80% 2007, 91% avg.; 11% turning color, 24% 2007, 25% avg.; condition 1% very poor, 8% poor, 31% fair, 45% good, 17% excellent. Dry onions condition 4% very poor, 4% poor, 25% fair, 40% good, 23% excellent. Sugarbeets condition 4% very poor, 5% poor, 18% fair, 44% very good 29% excellent. Summer potatoes 96% emerged, 100% 2007, 98% avg.; condition 10% poor, 30% fair, 45% good, 15% excellent. Fall potatoes 99% emerged, 100% 2007, 98% avg.; condition 5% poor, 32% fair, 50% good, 13% excellent. Dry Beans 85% planted, 100% 2007, 100% avg.; condition 12% very poor, 12% poor, 12% fair, 15% 2nd cutting harvested; condition 4% very poor, 12% poor, 26% fair, 43% good, 15% excellent. Drought conditions still prevail in much of the state but the warmer temperatures are helping the development of many crops.

**DELAWARE:** Days suitable for fieldwork 4.7. Topsoil moisture 14% very short, 28% short, 56% adequate, 2% surplus. Subsoil moisture 3% very short, 41% short, 55% adequate, 1% surplus. Hay supplies 0% very short, 10% short, 79% adequate, 11% surplus. Other Hay 2nd cutting 82%, 73% 2007, 53% avg. Alfalfa Hay 2nd cutting 75%, 93% 2007, 70% avg. Pasture condition 2% very poor, 8% poor, 44% fair, 43% good, 3% excellent. Corn condition 3% very poor, 1% poor, 47% fair, 27% good, 10% excellent. Soybean condition 1% very poor, 8% poor, 55% fair, 29% good, 7% excellent. Wheat condition 3% very poor, 2% poor, 13% fair, 74% good, 11% excellent. Peach condition 0% very poor, 1% poor, 10% fair, 65% good, 24% excellent. Corn progress silked 12%, 28% 2007, 33% avg. Corn dough 0%, 6% 2007, 3% avg. Soybeans 81% planted, 92% 2007, 88% avg. Soybeans 75% emerged, 71% 2007, 90% avg. Soybean 8% filling 2%, 4% 2007, 3% avg. Barley94% harvested, 99% 2007, 95% avg. Winter wheat 65% harvested, 77% 2007, 62% avg. Cantaloupes 2% harvested, 4% 2007, 4% avg. Cucumbers 12% harvested, 1% 2007, 8% avg. Green Peas 84% harvested, 98% 2007, 94% avg. Lima Beans 0% harvested, 0% 2007, 1% avg. Potatoes 4% harvested, 3% avg. Snap beans 5% harvested, 19% 2007, 19% avg. Sweet Corn 4% harvested, 13% 2007, 7% avg. Tomatoes 3% harvested, 0% 2007, 2% avg. Watermelons 3% harvested, 5% 2007, 5% avg. Peaches 5% harvested, 9% 2007, 7% avg. Despite beneficial rains, some fields are still showing signs of stress due to dry conditions in both Maryland and Delaware.

**FLORIDA:** Topsoil moisture 1% very short, 20% short, 69% adequate, 10% surplus. Subsoil moisture 7% very short, 37% short, 55% adequate, 1% surplus. Peanuts 53% pegged, 37% 2007, 55% 5-yr avg. Soil moisture mostly short to adequate, Panhandle, Big Bend areas; adequate, central, southern Peninsula. Vegetable movement slowed most areas. Watermelon, tomatoes, okra were marketed last week. Hot, wet weather assisted citrus growth of foliage, new fruit. Next year’s fruit progressing well, oranges grapefruit ball size, grapefruit baseball size. Production practices on schedule, included heavy summer spraying, Psyllids control. Harvest winding down; few Valencias remain, mostly in southern areas. Processing expected to last one more week. Small 93% avg., 10% early. Coastal counties’ pasture condition poor due to drought earlier in 2008. Most cattle fair to excellent condition. Central pasture condition poor to excellent; thunderstorms benefited pasture, rangeland in St. Johns County. Cattle condition poor to excellent. Southwest pasture, range condition poor to excellent. Pasture condition markedly improved due to rainfall of past two weeks. Cattle condition poor to good. Statewide cattle condition poor to excellent, most good.

**GEORGIA:** Days suitable for fieldwork 6. Topsoil moisture 25% very short, 38% short, 35% adequate, 2% surplus. Corn 93% silked, 89% 2007, 91% avg.; 56% dough, 54% 2007, 60% avg.; 18% dent, 17% 2007, 20% avg.; 4% very poor, 18% poor, 38% fair, 31% good, 9% excellent. Soybeans 97% planted, 93% 2007, 97% avg.; 88% emerged, 86% 2007, 92% avg.; 10% blooming, 6% 2007, 18% avg.; 5% very poor, 21% poor, 4% fair, 23% good, 2% excellent. Sorghum 83% planted, 88% 2007, 91% avg.; 4% very poor, 15% poor, 45% fair, 35% poor, 1% excellent. Apples 0% very poor, 4% poor, 17% fair, 27% good, 52% excellent. Hay 17% very poor, 26% poor, 39% fair, 16% good, 2% excellent. Pecans 0% very poor, 8% poor, 43% fair, 44% good, 5% excellent. Tobacco 0% very poor, 7% poor, 34% fair, 46% good, 13% excellent. Peaches 57% harvested, 86% 2007, 56% avg. Peanuts 75% blooming, 56% 2007, 76% avg. Tobacco 5% harvested, 7% 2007, 9% avg. Watermelons 63% harvested, 66% 2007, 65% avg. Rain helped prevent further declines in soil moisture condition. More rain will be needed to end drought conditions. Corn and many field crops continue to be very dry causing hay and row crops to wilt. Some farmers expect reduced yields due to drought conditions and insect damage on corn. Other activities included controlling weeds in cotton, applying fungicides to peanuts and fertilizer to tobacco. County Extension Agents reported an average of 6.0 days suitable for fieldwork.

**HAWAII:** Days suitable for fieldwork 3. Topsoil moisture very short to adequate in most areas; windward areas received a boost from showers. Banana fields were in fair to good condition. Banana Bunch Top disease continued to be a problem on Oahu and the Big Island. Papaya orchards were also in fair to good condition. Flowering remained active. Head cabbage was in fair to good condition. Adequate irrigation and sunny skies aided growth and quality of harvested heads. Sweet corn fields were in generally good condition due to the dry weather and adequate irrigation. Dry onions were in fair to good condition. The spell of current dry weather has not had a detrimental effect on the crop. Light to non-existent winds produced humid conditions during the early days of the week. As a result, fieldwork was uncomfortable for many farmers. An outflow of laborers to windward areas of Kauai, Oahu, and Maui on Tuesday. These moderate showers were a welcomed relief for non-irrigated crops. Trade winds began to build at mid-week and strengthened as the week progressed. Some windward areas continued to receive showers from the remnants of the old cold front. Temperatures were warming with daily record highs broken or tied in Hilo and Honolulu during the week. All existing water conservation measures, both voluntary and mandatory, remained in effect.

**IDAHO:** Days suitable for field work 6.9. Topsoil moisture 6% very short, 35% short, 58% adequate, 1% surplus. Winter wheat turning color 1% very poor, 14% 2007, 30% avg.; 1% poor, 27% fair, 59% good, 2% excellent. Winter wheat turned yellow 3%, 29% 2007, 43% avg.; 4% very poor, 14% poor, 35% fair, 41% good, 3% excellent. Sorghum 72% mature, 62% 2007, 64% avg.; condition 4% very poor, 12% poor, 26% fair, 43% good, 15% excellent. Drought conditions still prevail in much of the state but the warmer temperatures have helped the development of many crops.

**ILLINOIS:** Days suitable for fieldwork 5.5. Topsoil moisture 1% very short, 14% short, 73% adequate, 12% surplus. Oats filled 90%, 96% 2007, 88% avg.; turnip yellow 36%, 69% 2007, 59% avg.; rye 9%, 26% 2007, 25% avg. Alfalfa hay, second cutting 36%, 63% 2007, 82% avg.; condition 1% very poor, 3% poor, 24% fair, 54% good, 18% excellent. Red Clover cut 90%, 92% 2007, 95% avg. Corn height 47 inches, 72 inches 2007, 63 inches avg.; 2% very poor, 7% poor, 28% fair, 47% good.
16% excellent. Soybeans setting pods 1%, 4% 2007, 3% avg.; 2% very poor, 8% poor, 34% fair, 48% good, 8% excellent. Weather conditions this past week were drier, which allowed producers to finish up planting throughout most of the state. Rain in the southern part of the state brought more standing water to already soaked fields, but many have been able to get into fields in order to begin spraying. Favorable weather conditions allowed for a 12 inch growth in corn at 47 inches, still below the 2007 reported number of 72 inches. The average weekly temperature was 4.6 degrees below normal.

**INDIANA:** Days suitable for fieldwork 4.9. Topsoil moisture 1% very short, 6% short, 75% adequate, 18% surplus. Subsoil moisture 1% very short, 4% short, 71% adequate, 24% surplus. Corn condition 4% very poor, 10% poor, 25% fair, 47% good, 14% excellent. Soybeans 97% emerged, 99% 2007, 99% avg.; blooming 5%, 30% 2007, 22% avg.; condition 4% very poor, 9% poor, 29% fair, 47% good, 11% excellent. Winter Wheat 38% harvested, 76% 2007, 67% avg.; condition 2% very poor, 4% poor, 17% fair, 52% good, 23% excellent. Alfalfa second cutting 20% complete, 54% 2007, 39% avg. Pasture condition 2% very poor, 6% poor, 24% fair, 45% good, 23% excellent. Average temperatures ranged from 40 to 90 below normal with a high of 900 and low of 450. Precipitation averaged from 0.10 inches to 3.19 inches. The corn is very uneven across many corn fields. Replanting of soybeans continued in areas that were flooded in early June. Farmers are being encouraged to visit their local Farm Service Agency (FSA) office to see if they qualify for flood relief. Livestock are in mostly good condition.

**KANSAS:** Days suitable for fieldwork 6.2. Topsoil moisture 5% very short, 18% short, 62% adequate, 13% surplus. Oats 86% headed, 24% turning color, condition 3% very poor, 7% poor, 32% fair, 50% good, 8% excellent. Corn condition 3% very poor, 10% poor, 30% fair, 45% good, 12% excellent. Soybeans 96% emerged, 15% are blooming, condition 3% very poor, 9% poor, 31% fair, 47% good, 10% excellent. First cutting of alfalfa is 92% completed. Hay condition 1% very poor, 4% poor, 49% fair, 51% good, 16% excellent. Dry, sunny weather allowed farmers to replant and spray crops. Crops continue to rebound in the favorable weather conditions.

**KENTUCKY:** Days suitable for fieldwork 5.3. Topsoil moisture 9% very short, 27% short, 61% adequate, 3% surplus. Subsoil moisture 8% very short, 25% short, 63% adequate, 4% surplus. Tobacco height less than 12 in. 46%, 12-24 in. 36%, more than 24 in. 18%. Tobacco set condition 4% poor, 28% fair, 51% good, 19% excellent. Pasture condition 2% very poor, 9% poor, 37% fair, 41% good, 11% excellent. Hay crop condition 3% very poor, 9% poor, 30% fair, 45% good, 13% excellent.

**LOUISIANA:** Days suitable for fieldwork 5.7. Soil moisture 10% very short, 34% short, 24% adequate, 8% surplus. Corn 100% silked, 100% 2007, 100% avg.; 80% dough, 76% 2007, 67% avg.; 2% mature, 9% 2007, 7% avg.; 2% very poor, 5% poor, 38% fair, 49% good, 6% excellent. Cotton 100% emerged, 100% 2007, 100% avg.; 82% squaring, 91% 2007, 91% avg.; 42% setting bolls, 35% 2007, 40% avg.; 3% poor, 42% fair, 53% good, 2% excellent. Hay 95% first cutting, 96% 2007, 93% avg.; 36% second cutting, 28% 2007, 17% average. Peaches 73% harvested, 56% 2007, 60% avg. Rice 39% headed, 48% 2007, 47% avg.; 1% poor, 25% fair, 66% good, 8% excellent. Sorghum 100% planted, 100% 2007, 100% avg.; 100% emerged, 100% 2007, 100% avg.; 86% headed, 80% 2007, 66% avg.; 20% turning color, 14% 2007, 12% avg.; 3% poor, 39% fair, 53% good, 5% excellent. Soybeans 99% emerged, 100% 2007, 96% avg.; 59% blooming, 82% 2007, 64% avg.; 35% setting pods, 58% 2007, 43% avg.; 3% very poor, 8% poor, 39% fair, 44% good, 6% excellent. Sweet Potatoes 98 planted, 99% 2007, 92% average. Sugarcane 1% very poor, 22% poor, 22% fair, 23% good, 30% very good, 7% poor, 34% fair, 50% good, 8% excellent. Vegetable 5% very poor, 12% poor, 40% fair, 39% good, 4% excellent. Range and pasture 3% very poor, 11% poor, 42% fair, 37% good, 7% excellent.

**MARYLAND:** Days suitable for fieldwork 5.3. Topsoil moisture 6% very short, 17% short, 74% adequate, 3% surplus. Subsoil moisture 6% very short, 10% short, 83% adequate, 1% surplus. Hay supplies 0% very short, 11% short, 78% adequate, 11% surplus. Other Hay 2nd cutting 22%, 44% 2007, 41% avg. Alfalfa Hay 2nd cutting 55%, 87% 2007, 65% avg. Alfalfa Hay 3rd cutting 4%, 4% 2007, 4% avg. Pasture condition 2% very poor, 3% poor, 20% fair, 62% good, 13% excellent. Corn condition 5% very poor, 8% poor, 21% fair, 53% good, 13% excellent. Soybeans 2% very poor, 3% poor, 6% fair, 60% good, 5% excellent. Apple condition 0% very poor, 0% poor, 2% fair, 94% good, 4% excellent. Peach condition 0% very poor, 0% poor, 7% fair, 76% good, 17% excellent. Corn Progress silked 16%, 29% 2007, 27% avg. Corn dough 0%, 1% 2007, 1% avg. Soybeans planted 90%, 94% 2007, 96% avg. Soybeans blooming 3%, 2% 2007, 4% avg. Barley 85 harvested, 100% 2007, 93% avg. Winter wheat 61 harvested, 70% 2007, 58% avg. Cantaloupes 11% harvested, 9% 2007, 7% avg. Cucumbers 9 harvested, 0% 2007, 14% avg. Green Peas 99 harvested, 76% 2007, 92% avg. Lima Beans 10% harvested, 2% 2007, 10% avg. Potatoes 4% harvested, 4% 2007, 6% avg. Peaches 73% harvested, 4% 2007, 15% avg. Sweet Corn 9% planted, 13% 2007. 10% avg. Tomatoes 8% harvested, 0% 2007, 6% avg. Watermelons 1% harvested, 4% 2007, 2% avg. Peaches 3% harvested, 6% 2007, 4% avg. Despite beneficial rains, some fields are still showing signs of stress due to dry conditions in both Maryland and Delaware.

**MICHIGAN:** Days suitable for fieldwork 5. Topsoil moisture 2% very short, 6% short, 71% adequate, 21% surplus. Subsoil 2% very short, 11% short, 76% adequate, 11% surplus. Corn height 32 inches. Winter Wheat 1% very poor, 6% poor, 22% fair, 54% good, 17% excellent; turning 90, 99% 2007, 87% avg. Barley 0% very poor, 1% poor, 11% fair, 85% good, 3% excellent. Oats 0% very poor, 4% poor, 23% fair, 55% good, 15% excellent. Pasture condition 1% very poor, 4% poor, 49% fair, 51% good, 16% excellent. Hay crop condition 1% very poor, 5% poor, 27% fair, 51% good, 16% excellent. Winter wheat quickly turning color. Many farmers reported that harvest expected to begin this week. Weather still did not cooperate with some alfalfa farmers who trying to get first cutting baled. Second cuttings looking very good. Dry beans emerged quickly this week. Oats for most part headed and just beginning to turn color. Majority of barley crop good condition. Sugarbeets also good condition. Apples continued to size nicely with most being range of 2.0 to 2.15-inches diameter. There have been a small percentage of large apples being dropped to size nicely with most being range of 2.0 to 2.15-inches diameter. There are very few cracking sweet cherries. There also fruit cracking tart cherries. There also fruit cracking tart cherries. There also fruit cracking sweet cherries due to heavy rain with hail damage as well. Raspberry harvest underway. The weather varied across most of this past week with farmers having mixed reactions. Some believed it another dry week
with much needed rain, while others experienced severe storms. Celery planting continued, but slowed due to weather conditions. Squash and zucchini harvest continued. Some processing zucchini suffered from extra precipitation, and weed control is questionable some orchards. Asparagus harvest completed. Growers feel yields ahead of last year. Harvester behind a couple of weeks. Reports of serious disease or insect pressure southwest. Snap beans have mostly emerged and growing well. Pumpkin plants still growing and seem to be unaffected. Cucumbers replanted on heavy soils. Harvest of processing peas completed most areas. Cabbage heads still developing, and farmers keeping a watchful eye on excess water which could cause head blight.

MINNESOTA: Days suitable for fieldwork 6.3. Topsoil moisture 3% very short, 21% short, 72% adequate, 4% surplus. Winter Wheat 92% jointed, 100% 2007, 97% avg. Oats 94% jointed, 100% 2007, 97% avg. Barley 88% jointed, 99% 2007, 94% avg. Corn 34 in. height, 64 in. 2007, 48 in. Soybeans 9 in. height, 17 in. 2007, 13 in. avg. Sweet Corn 98% planted, 97% 2007, 97% avg. Alfalfa 98% 1st cutting, 98% 2007, 96% avg.; condition 1% very poor, 8% poor, 22% fair, 54% good, 15% excellent. Pasture condition 2% very poor, 5% poor, 30% fair, 56% good, 7% excellent. Sugarbeet condition 1% very poor, 4% poor, 27% fair, 52% good, 16% excellent. Potatoes condition 5% poor, 13% fair, 53% good, 21% excellent. Soybeans 100% emerged, 100% 2007, 100% avg.; 77% blooming, 90% 2007, 94% avg.; 40% setting pods, 44% 2007, 57% avg.; 3% very poor, 9% poor, 31% fair, 52% good, 5% excellent. Winter Wheat 100% harvested, 100% 2007, 99% avg. Blueberries 1% very poor, 1% poor, 15% fair, 76% good, 7% excellent. Hop yields harvested-wet-weight 2, 65% 2007, 36% avg. very poor, 12% poor, 28% fair, 53% good, 1% excellent. Sweetpotatoes 94% planted, 94% 2007, 86% avg.; 0% very poor, 2% poor, 22% fair, 73% good, 3% excellent. Watermelons 68% harvested, 46% 2007, 51% avg.; 0% very poor, 1% poor, 1% fair, 97 good, 1% excellent. Abnormally dry weather conditions continue to plague the majority of the state. Although rainfall was recorded in some areas, it was not enough to declare a significant improvement in crop and pasture conditions. Fields are beginning to show signs of stress due to lack of moisture. Irrigation practices and fungicide sprays of soybeans are in full swing.

MISSOURI: Days suitable for fieldwork 4.8. Topsoil moisture 1% very short, 10% short, 62% adequate, 27% surplus. Pasture condition 0% very poor, 4% poor, 24% fair, 63% good, 9% excellent. Drier weather allowed producers to return to the field to complete spring planting. Reporters in the north-central and west-central district were replanting corn and soybean. While the rest of the State welcomed the break from the rains, the south-central, southeast, and east-central districts need rain to revive soil moisture. Temperatures averaged 1 to 6 degrees below normal for the week. The State record was 0.99 inches of rainfall for the week. The southeast district recorded the lowest average at 0.05 inches while the central district recorded the highest average at 1.52 inches, with Osage County receiving over 4 inches. Activities corn, soybean, sorghum planting; 2nd cutting alfalfa and other hay; harvest; can, livestock.

MONTANA: Days suitable for fieldwork 6.3. Topsoil moisture 8% very short, 9% last year, 40% short, 36% last year, 51% adequate, 50% last year, 1% surplus, 5% last year. Subsoil moisture 13% very short, 8% last year, 36% short, 29% last year, 50% adequate, 59% last year, 1% surplus, 4% last year. Barley 86% boot, 95% last year, 47% headed, 71% last year. Barley condition 1% very poor, 6% last year, 4% poor, 13% last year, 34% fair, 19% last year, 49% good, 50% last year, 12% excellent, 12% last year. Oats 88% boot, 93% last year, 49% headed, 65% last year. Winter wheat condition 1% very poor, 4% last year, 4% poor, 3% last year, 44% fair, 19% last year, 43% good, 65% last year, 6% excellent, 12% last year. Spring wheat 91% boot, 92% last year, 36% headed, 53% last year. Spring wheat condition 3% very poor, 4% last year, 7% poor, 9% last year, 28% fair, 20% last year, 56% good, 57% last year, 6% excellent, 10% last year. Winter wheat 98% boot stage, 100% last year. 94% headed, 100% last year. 9% turning, 60% last year. Winter wheat condition 1% very poor, 2% last year, 8% poor, 9% last year, 50% fair, 26% last year, 34% good, 46% last year, 7% excellent; 17% last year. Durum wheat 79% boot, 73% last year, 36% headed, 43% last year. Durum wheat condition 2% very poor, 1% last year, 2% poor, 23% last year, 35% fair, 26% last year, 39% good, 52% last year, 4% excellent; 18% last year. Dry peas 87% blooming, 88% last year. Lentsil 66% blooming, 81% last year. The small grain crops are showing signs of stress from the heat and dry weather in the northeastern part of the state. Hall storms in the south central and southeast districts have affected crops with severe damage seen in some areas. Overall, the small grains are progressing slower than last year. Montana received light to moderate precipitation for the week ending July 6th. Kalispell received 0.48 of an inch on July 3rd, breaking the daily rainfall record of 0.44 of an inch set in 1990. Rogers Pass received 1.83 inches of moisture, the most during the week. Tempuratures, were above average most of the week, and lows were mostly in the 40s and 50s. Huntley had the high temperature at 103 degrees, and Ryegate had the low temperature at 34 degrees. Range and pasture feed condition 4% very poor, 4% last year, 11% fair, 7% poor, 7% last year, 31% fair, 25% last year, 38% good, 46% last year, 16% excellent; 18% last year.

NEBRASKA: Days suitable for fieldwork 6.3. Topsoil moisture 3% very short, 26% short, 66% adequate, 5% surplus. Subsoil moisture 5% very short, 17% short, 73% adequate, 5% surplus. Corn conditions 2% very poor, 4% poor, 22% fair, 55% good, 17% excellent; 1% silked, 20% 2007, 11% avg. Soybean conditions 2% very poor, 4% poor, 20% fair, 62% excellent; 99% emerged, 100% 2007, 100% avg.; 8% 2007, 20% 2007, 30% 2007, 8% avg.; 43% heading, 59% 2007, 67% avg.; 0% turning color, 2% 2007, 3% avg.; 3% very poor, 4% poor, 21% fair, 63% good, 2% excellent. Sorghum 100% planted, 100% 2007, 100% avg.; 100 emerged, 100% 2007, 100% avg.; 51% heading, 73% 2007, 67% avg.; 0% turning color, 2% 2007, 3% avg.; 3% very poor, 4% poor, 21% fair, 63% good, 2% excellent. Winter Wheat 100% harvested, 100% 2007, 99% avg. Blueberries 1% very poor, 1% poor, 15% fair, 76% good, 7% excellent. Hop harvested-wet-weight 2, 65% 2007, 36% avg. very poor, 12% poor, 28% fair, 53% good, 1% excellent. Sweetpotatoes 94% planted, 94% 2007, 86% avg.; 0% very poor, 2% poor, 22% fair, 73% good, 3% excellent. Watermelons 68% harvested, 46% 2007, 51% avg.; 0% very poor, 1% poor, 1% fair, 97 good, 1% excellent. Abnormally dry weather conditions continue to plague the majority of the state. Although rainfall was recorded in some areas, it was not enough to declare a significant improvement in crop and pasture conditions. Fields are beginning to show signs of stress due to lack of moisture. Irrigation practices and fungicide sprays of soybeans are in full swing.
being cut for hay. Main farm and ranch activities include irrigation, harvest of hay, weed control and equipment maintenance.

**NEW ENGLAND:** Days suitable for field work 5.7. Topsoil moisture 11% short, 73% adequate, and 16% surplus. Subsoil moisture 9% short, 79% adequate, 12% surplus. Pasture condition 3% poor, 14% fair, 76% good, 7% excellent. Maine Potatoes 100% emerged, 100% 2007, 100% average; condition good/fair. Rhode Island Potatoes condition good/excellent. Massachusetts Potatoes condition good. Maine Oats condition good. Maine Barley condition good. Field Corn 99% planted, 100% 2007, 99% average; condition good. First Crop Hay 75% harvested, 85% 2007, 75% average; condition poor in Massachusetts and good/fair elsewhere. Second Crop Hay 10% harvested, 10% 2007, 10% average; condition good/poor in New Hampshire and good elsewhere. Peaches Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/fair in Connecticut and New Hampshire and good elsewhere. Pumpkins appeared to be in good condition as planting neared completion. Other activities included harvesting hay, weed control and equipment maintenance.

**NEW YORK:** Days suitable for fieldwork 4.6. Soil moisture 1% very short, 7% short, 78% adequate, 13% surplus. Pasture condition 1% very poor, 7% poor, 20% fair, 53% good, 19% excellent. Oat condition 12% fair, 63% good, 25% excellent. Hay 4% poor, 32% fair, 47% good, 17% excellent. Winter Wheat 20% fair, 51% good, 29% excellent. Dry beans 87%, 95% 2007, 90% average. First alfalfa cutting 88%, 96% 2007, 93% average. Grass silage harvested 92%, 94% 2007, 87% average. Apple condition 27% poor, 30% fair, 28% good, 15% excellent. Grapes 3% poor, 11% fair, 55% good, 31% excellent. Peaches 29% poor, 24% fair, 33% good, 14% excellent. Pears 38% poor, 30% fair, 22% good, 10% excellent. Apples damaged in the earlier hail storms may grow out of their dents and be used for fresh marketing instead of processing.

**NEW JERSEY:** Cranberries Full Bloom to Petal Fall; condition good. Highbush Blueberries 0% harvested, <5% 2007, <5% average; Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/excellent in Maine and good elsewhere. Massachusetts Blueberries 99% harvested, <5% 2007, <5% average; Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/excellent in Rhode Island and Vermont and good elsewhere. Maine Wild Blueberries Fruit Set above average; Fruit Size average/above average; condition good/excellent. Scattered showers and thunderstorms were seen during the week across New England. Isolated damage to tobacco was reported in Connecticut and Massachusetts due to hail produced by strong storms. While some areas saw damage and stress from heavy thunderstorms and an abundance of rain, other areas, particularly coastal regions are getting dry. Vegetable crops in these areas are beginning to suffer from the lack of rain. Total rainfall accumulation for the week between 0.02 to 2.03 inches with the most rain falling in areas of the south. Weather conditions improved by the end of the week where cloudy to partly cloudy skies were seen across the region. High temperatures were in the mid-70s to mid-80s with nighttime temperatures ranging from the low-50s to mid-60s. Overall, temperatures for the week were average with areas of the south experiencing below average temperatures towards the end of the week. Major farm activities included harvesting strawberries, harvesting early season vegetable crops, cutting first and second cuts of dry hay from scotched hayfields and applying fungicides and herbicides, irrigating dry vegetable fields, sidedressing fertilizer to field corn and other vegetable crops and hoeing and cultivating potatoes and vegetables.

**NEW MEXICO:** Days suitable for field work 6.0. Topsoil moisture 2% very short, 25% short, 70% adequate, 3% surplus. Subsoil moisture 24% short, 75% adequate, 1% surplus. There were no measurable amounts of rainfall for the week in most localities. Temperatures were above normal during the week across the Garden State. Harvest of early season cucumbers, peppers, tomatoes, and sweet corn were underway throughout New Jersey. Producers began the second cutting of hay. Irrigation was necessary for various crops including peaches in southern New Jersey. National-level hot and hot weather continued to affect field corn and soybeans. Pumpkins appeared to be in good condition as planting neared completion. Other activities included planting, harvesting, and spraying.

**NORTH CAROLINA:** Days suitable for field work 6.0. Soil moisture 3% very short, 33% short, 64% adequate, 0% surplus. Activities during the week included field planting of second crop alfalfa, harvesting hay, potato picking, and harvesting hay. Sweet corn 98% planted, snap beans 89%, cabbage 95%, tomatoes 95%, lettuce 80%. Sweet corn condition 3% poor, 5% fair, 50% good, 30% excellent. Onions 12% fair, 80% good, 8% excellent. Lettuce 22% fair, 66% good, 12% excellent. Temperatures were seasonable throughout the state. Precipitation was triggered by a round of showers and thunderstorms in the beginning of the week and at the end of the week.

**NORTH DAKOTA:** Days suitable for field work 6.8. Topsoil moisture 8% very short, 34% short, 57% adequate, 1% surplus. Subsoil moisture 15% very short, 31% short, 54% adequate, 1% surplus. Spring wheat 86% bunt, 92% 2007, 85% avg., 14% milk, 32% 2007, 26% avg.; condition 3% 11% turning. Durum 3% 2007, average; condition jointed, 83% 2007, 84% avg.; 59% root, 65% 2007, 60% avg.; 36% headed, 44% 2007, 36% avg.; 11% milk, 9% 2007, 8% avg.; conditions 1% very poor, 9% poor, 39% fair, 50% good, 1% excellent. Barley 87% bunt, 94% 2007, 86% avg.; 17% milk, 43% 2007, 28% avg.; 1% turning, 7% 2007, 8% average. Oats 86% bunt, 91% 2007, 84% avg.; 18% milk, 39% 2007, 29% avg.; 1% turning, 7% 2007, 8% average. Canola 95% rosette, 100% 2007, 96% avg.; 60% blooming, 84% 2007, 76% avg.; condition 1% very poor, 7% poor, 29% fair, 57% good, 6% excellent. Dry edible beans 6% blooming, 27% 2007, 18% avg.; condition 3% poor, 31% fair, 57% good, 9% excellent. Dry edible peas 83% flowering, 96% 2007, average not available; 3% mature, 2% 2007, average not available; condition 6% poor, 33% fair, 59% good, 2% excellent. Flaxseed 33% blooming, 45% 2007, 51% avg.; condition 5% poor, 36% fair, 56% good, 3% excellent. Potatoes 22% blooming, 59% 2007, 45% avg.; 5% rows filled, 18% 2007, 19% avg.; condition 1% poor, 26% fair, 61% good, 12% excellent. Sugarbeets 3% condition 0% 17% fair, 68% good, 12% excellent. Sunflowers 1% blooming, 1% 2007, 1% avg.; condition 1% very poor, 2% poor, 34% fair, 56% good, 7% excellent. Hay condition 9% very poor, 32% poor, 39% fair, 19% good, 1% excellent. Broadleaf spraying 95% complete and wild oats spraying 97% complete. Stockwater supplies 15% very short, 27% short, 57% adequate, 5% surplus. Falabella condition 98% 50% fair. TD0 field planted and 98% was 54% complete. Other hay cutting was 33% complete. Warm dry conditions across the state last week aided crop growth. Recent dry conditions have many producers concerned about topsoil moisture supplies, according to reporters. Insects have been reported in isolated
areas of the state as producers applied chemicals to prevent damage to crops.

OHIO: Days suitable for field work 3.0. Topsoil moisture 0% very short, 1% short, 55% adequate, 44% surplus. Winter wheat 65% ripe, 92% 2007, 67% avg.; 4% harvested, 61% 2007, 30% avg.; condition 1% very poor, 4% poor, 22% fair, 53% good, 20% excellent. Corn silked (tasseled) 1%, 13% 2007, 6% avg.; condition 3% very poor, 10% poor, 32% fair, 40% good, 15% excellent. Soybeans 11% blooming, 37% 2007, 25% avg.; condition 4% very poor, 10% poor, 34% fair, 41% good, 11% excellent. Oats 11% ripe, 20% 2007, 10% avg.; condition 0% very poor, 3% poor, 24% fair, 63% good, 10% excellent. Apples harvested this week 2%, 2% 2007, 58% last year, 83% average; 44% plowed this week, 23% last week, N/A last year, 45% average. Oats 87% harvested this week, 81% last week, 58% last year, 84% average; 39% plowed this week, 26% last week, 12% last year, 50% average. Corn condition 4% poor, 18% fair, 69% good, 9% excellent; 44% silking this week, 34% last week, 61% last year, 52% average; 17% dough this week, 10% last week, 19% last year, 22% of average. Sorghum 54% emerged this week, 48% last week, 64% last year, 81% average. Soybeans condition 2% poor, 37% fair, 55% good, 6% excellent; seedbed prepared 96% this week, 94% last week, 85% last year, 96% average; 79% planted this week, 64% last week, 52% last year, 85% average; 8% of total acres emerged this week. Rye, 54% last week, 46% last year, 79% average. Peanuts 30% setting pods this week, 12% last week, 10% last year, 14% average. Watermelon running 96% this week, 90% last week, 100% last year, 100% average; setting fruit 72% this week, 53% last week, 95% last year, 87% average. Alfalfa condition 3% very poor, 32% poor, 47% fair, 30% good, 2% excellent; 2nd cutting 95% this week, 92% last week, 76% last year, 91% average; 3rd cutting 49% this week, 28% last week, 10% last year, 32% average. Other hay condition 4% very poor, 5% poor, 28% fair, 53% good, 10% excellent; 1st cutting 69% this week, 62% last week, 65% last year, 79% average. Livestock condition 1% very poor, 4% poor, 23% fair, 61% good, 11% excellent. Pasture and range condition 4% very poor, 6% poor, 25% fair, 54% good, 11% excellent. Livestock. Prices for feeder steers less than 800 pounds averaged $110 per cwt. Prices for heifers less than 800 pounds averaged $100 per cwt. Livestock conditions were rated mostly in the good to fair range. Mostly light to moderate insect activity was reported.

OREGON: Days suitable for field work 6.7. Top soil moisture 21% very short, 42% short, 36% adequate, 1% surplus. Sub soil moisture 13% very short, 40% short, 45% adequate, 2% surplus. Winter Wheat condition 16% very poor, 26% poor, 31% fair, 22% good, 5% excellent; 1%, 4% previous year, 3% 5-year average. Spring Wheat condition 6% very poor, 32% poor, 25% fair, 25% good, 8% excellent; 51% headed, 99% previous year; 4% 5-year average. Barley condition 5% very poor, 20% poor, 30% fair, 38% good, 7% excellent. Corn condition 15% fair, 69% good, 16% excellent. Range, pasture condition 6% very poor, 14% poor, 30% fair, 45% good, 5% excellent. Alfalfa first cutting 98%, 100% previous year. Weather. The week began with hot, dry conditions in most areas. Temperatures quickly dropped from above average to below normal by the weekend. High temperatures ranged from 102 degrees in Ontario, down to 64 degrees in Crescent City. Low temperatures ranged from 61 degrees in The Dalles, down to 45 degrees at the Lorella & Bend weather stations. Portland received the most precipitation with 0.28 total inches followed by Prairie City, Madras with 0.27 total inches. Twenty-two of the forty-two stations reporting received measurable precipitation with most reporting only a trace. Field Crops Most field crops were reported to be looking very good across the state despite weather conditions. The week started with hot, dry weather, but by the weekend things had cooled down. Haying continued to be very active. Winter wheat was turning color, but for the most part was not ready for harvest; however, some wheat was harvested in Morrow County. Spring wheat, spring barley were still green. Grass seed harvest began in southern Willamette Valley, with annuals, orchard grass for seed finishing up. Red clover was past full bloom, crimson clover was starting to go down. Vegetables Warmer daytime, nighttime temperatures have been good for corn, tomatoes, squash, other heat-loving plants. Squash plants were starting to size up, beans & corn were looking better throughout the Willamette Valley. Sweet corn was doing well with very few reports due to starches emerging 2-3"-4" before tasseling starting to tassel. Fruits. Nuts The raspberry harvest began last week, blueberries were just ripening. The earliest varieties were about 50 percent complete, mid-season varieties were still about two weeks away. The strawberry harvest continued, should be done by next week. Sweet cherries were ripe, harvest got underway in most cherry growing areas. Ongoing warm weather has advanced cherry maturity in some areas. Apple, pear crops were still behind normal in southern Oregon, but were looking good. Vineyards were also benefiting from the warmer weather, doing well after a late start. Summer orchard operations continued throughout the Hood River Valley, pear growers were setting fire blight in various locations. Hazel nuts, wallnuts were developing nicely in the Willamette Valley. Nurseries, Greenhouses; Greenhouses were cleaning up, starting to prepare for fall plants. Nurseries were busy with watering, fertilizing, & weed control activities. Potted plant sales continued to be very active for some nurseries. Livestock. Range, Pasture. Pastures were in good condition, still providing plenty of green forage for livestock. Rangelands looked to be in good condition in eastern Oregon with some reports of thunderstorm related wildfires in Gilliam County. Overall, livestock were doing well throughout the State.

PENNSYLVANIA: Days suitable for fieldwork 4. Soil moisture 4% very short, 23% short, 61% adequate, 12% surplus. Corn height 38 inches, 53 inches due to standing plantings, condition 7% very poor, 28% fair, 47% good, 18% excellent. Barley ripe 97% complete, 96% 2007, 96% avg.; 84% harvested complete, 86% 2007, 82% avg. Winter wheat turning yellow 99% complete, 99% 2007, 95% avg.; ripe 70% complete, 80% 2007, 62% avg.; 22% harvested complete, 33% 2007, 24% avg.; condition 1% poor, 10% fair, 65% good, 24% excellent. Oats 87% heading complete, 93% 2007, 88% avg.; yellow 13% complete, 28% 2007, 20% avg.; condition 1% very poor, 13% fair, 67% good, 19% excellent. Soybeans 96% planted complete, 100% 2007, 97% avg.; 85% emerged complete, 94% 2007, 92% avg.; condition 5% poor, 32% fair, 45% good, 18% excellent. Alfalfa first cutting 95% complete, 100% 2007, 97% avg.; condition 4% poor, 23% fair, 47% good, 10% excellent. Pasture conditions 2% very poor, 23% poor, 57% fair, 15% good, 13% excellent. Livestock. Prices for feeder steers less than 800 pounds averaged $110 per cwt. Prices for heifers less than 800 pounds averaged $100 per cwt. Livestock conditions were rated mostly in the good to fair range. Mostly light to moderate insect activity was reported.

SOUTH CAROLINA: Days suitable for fieldwork 6.1. Soil moisture 37% very short, 39% short, 24% adequate, 0% surplus. Corn 46% very poor, 25% poor, 24% fair, 5% good, 0% excellent. Soybeans 20% very poor, 30% poor, 36% fair, 13% good, 1% excellent. Sorghum 29% very poor, 12% poor, 55% fair, 4% good, 0% excellent. Sweet Potatoes 20% very poor, 4% poor, 56% fair, 20% good, 0% excellent. Tobacco 10% very poor, 26% poor, 26% fair, 1% excellent. Hay 24% very poor, 34% poor, 30% fair, 12% good, 0% excellent. Peaches 13% very poor, 8% poor, 26% fair, 50% good, 3% excellent. Apples 20% very poor, 3% poor, 60% fair, 17% good, 0% excellent. Snapbeans, fresh 30% very poor, 40% poor, 30% fair, 0% good, 0% excellent. Cantaloupes, fresh 43% very poor, 19% poor, 36% fair, 0% good, 0% excellent. Watermelons 17% very poor, 19% poor, 36% fair, 28% good, 0% excellent. Tomatoes, fresh 18% very poor, 12% poor, 26% fair, 44% good, 0% excellent. Cantaloupes 25% very poor, 15% poor, 33% fair, 27% good, 0% excellent. Livestock condition 4% very poor,
TENNESSEE: Days suitable for fieldwork 7. Topsoil moisture 19% very short, 42% short, 39% adequate. Subsoil moisture 18% very short, 39% short, 42% adequate, 1% surplus. Wheat 99% harvested, 100% 2007, 97% avg. Tobacco 1% very poor, 3% poor, 28% fair, 59% good, 11% excellent. Alfalfa hay 1st cutting harvested 78%, 94% 2007, 98% avg. 2nd cutting harvested 6%, 21% 2007, 17% avg.; 2% very poor, 2% poor, 19% fair, 59% good, 18% excellent. Other hay 48% harvested, 60% 2007, 56% avg. Feed supplies 1% very short, 3% short, 85% adequate, 11% surplus. Stock water supplies 1% very short, 7% short, 71% adequate, 21% surplus. Cattle condition 8% fair, 67% good, 25% excellent. Sheep condition 8% fair, 67% good, 25% excellent. Dry weather over the last week helped with the cutting of hay and facilitated the continued development of row crops and small grains across South Dakota.

SOUTH DAKOTA: Days suitable for fieldwork 6.4. Topsoil moisture 2% very short, 16% short, 73% adequate, 9% surplus. Subsoil moisture 2% very short, 12% short, 76% adequate, 10% surplus. Winter wheat turning color 63%, 2007, 88% avg.; ripe 1%, 40% 2007, 26% avg.; 3% very poor, 3% poor, 17% fair, 55% good, 22% excellent. Barley boot 90%, 100% 2007, 99% avg.; 61% headed, 94% 2007, 90% avg.; turning color 5%, 28% 2007, 23% avg.; ripe 0%, 1% 2007, 0% avg.; 3% very poor, 1% poor, 22% fair, 64% good, 10% excellent. Oats boot 95%, 100% 2007, 100% avg.; turning color 13%, 45% 2007, 28% avg.; ripe 0%, 5% 2007, 2% avg. Spring wheat boot 98%, 100% 2007, 100% avg.; turning color 3%, 29% 2007, 30% avg.; ripe 0%, 1% 2007, 1% avg. Corn harvested or sprayed on 96%, 100% 2007, 98% avg.; twice in 46%, 74% 2007, 66% avg. Average corn height (inches) 25 in. 2007, 30 in. 2006, 27 in. 2007, 11 in. Sorghum 4% avg. Sorghum 96% harvested, 99% 2007, 96% avg. Sunflower 100% planted, 97% 2007, 99% avg.; 1% very poor, 4% poor, 25% fair, 59% good, 11% excellent. Alfalfa hay 1st cutting harvested 78%, 94% 2007, 90% avg.; 2nd cutting harvested 6%, 21% 2007, 17% avg.; 2% very poor, 2% poor, 19% fair, 59% good, 18% excellent. Other hay 14% harvested, 60% 2007, 56% avg. Feed supplies 1% very short, 3% short, 85% adequate, 11% surplus. Stock water supplies 1% very short, 7% short, 71% adequate, 21% surplus. Cattle condition 8% fair, 67% good, 25% excellent. Sheep condition 8% fair, 67% good, 25% excellent. Dry weather over the last week helped with the cutting of hay and facilitated the continued development of row crops and small grains across South Dakota.

UTAH: Days suitable for fieldwork 7. Subsoil moisture 1% very short, 39% short, 60% adequate, 0% surplus. Winter Wheat 100% headed, 100% 2007, 100% avg. Spring Wheat 76% headed, 96% 2007, 88% avg. Barley 80% headed, 95% 2007, 90% avg.; Condition 0% very poor, 0% poor, 17% fair, 77% good, 6% excellent. Oats 54% headed, 71% 2007, 68% avg.; harvested for Hay or Silage 47%, Corn silked (tasseled) 1%, 4% 2007, 2% avg.; height 25 inches, 33 inches 2007, 29 inches avg. Alfalfa height 26%, 30% 2007, 24% avg.; 1st Cutting 86%, 99% 2007, 98% avg.; 2nd Cutting 5%, 27% 2007, 23% avg. Other Hay Cut 68%, 77% 2007, 67% avg. Cattle and calves condition 3% very short, 3% short, 41% good, 11% excellent. Sheep and lambs moved To Summer Range 97%, 96% 2007, 97% avg. Sheep Condition 0% very poor, 0% poor, 21% fair, 73% good, 6% excellent. Stock Water Supplies 1% very short, 9% short, 90% adequate, 0% surplus. Apricots 11% harvested, 60% 2007, 41% avg. Sweet Cherries 4% harvested, 44% 2007, 61% avg. Tart Cherries 0% harvested, 21% 2007, 19% avg. Warm weather prevailed this week. Weather conditions around the state continue to be hot and dry. Livestock continue to do well. Box Elder reports that the Blue Creek and Pocatello Valley areas have only had 0.6 inches of rainfall since the start of the year. All livestock ranges are experiencing some grasshopper problems on the west side of the state. Top soil moisture was mostly short to adequate statewide. Cattle condition was mostly fair to good statewide. Peanuts condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. South Central Texas and the Blacklands. Sorghum continued to be harvested in the South Central High Plains and the Northern Low Plains, while sorghum continued to be harvested in South Central Texas and the Coastal Bend. Chili peppers continued to bloom in the Trans-Pecos. Livestock started to improve in parts of the Plains due to improved pasture conditions. Top soil moisture was mostly short to adequate statewide.

TEXAS: Top soil moisture was mostly short to adequate across the state. Corn condition was mostly fair to good statewide. Cotton condition was mostly fair to good statewide. Peanuts condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. South Central Texas and the Blacklands. Sorghum continued to be harvested in the Southern High Plains and the Northern Low Plains, while sorghum continued to be harvested in South Central Texas and the Coastal Bend. Chili peppers continued to bloom in the Trans-Pecos. Livestock started to improve in parts of the Plains due to improved pasture conditions. Top soil moisture was mostly short to adequate statewide.

UTAH: Days suitable for fieldwork 7. Subsoil moisture 1% very short, 39% short, 60% adequate, 0% surplus. Winter Wheat 100% headed, 100% 2007, 100% avg. Spring Wheat 76% headed, 96% 2007, 88% avg. Barley 80% headed, 95% 2007, 90% avg.; Condition 0% very poor, 0% poor, 17% fair, 77% good, 6% excellent. Oats 54% headed, 71% 2007, 68% avg.; harvested for Hay or Silage 47%, Corn silked (tasseled) 1%, 4% 2007, 2% avg.; height 25 inches, 33 inches 2007, 29 inches avg. Alfalfa height 26%, 30% 2007, 24% avg.; 1st Cutting 86%, 99% 2007, 98% avg.; 2nd Cutting 5%, 27% 2007, 23% avg. Other Hay Cut 68%, 77% 2007, 67% avg. Cattle and calves condition 3% very short, 3% short, 41% good, 11% excellent. Sheep and lambs moved To Summer Range 97%, 96% 2007, 97% avg. Sheep Condition 0% very poor, 0% poor, 21% fair, 73% good, 6% excellent. Stock Water Supplies 1% very short, 9% short, 90% adequate, 0% surplus. Apricots 11% harvested, 60% 2007, 41% avg. Sweet Cherries 4% harvested, 44% 2007, 61% avg. Tart Cherries 0% harvested, 21% 2007, 19% avg. Warm weather prevailed this week. Weather conditions around the state continue to be hot and dry. Livestock continue to do well. Box Elder reports that the Blue Creek and Pocatello Valley areas have only had 0.6 inches of rainfall since the start of the year. All livestock ranges are experiencing some grasshopper problems on the west side of the state. Top soil moisture was mostly short to adequate statewide. Cattle condition was mostly fair to good statewide. Peanuts condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. South Central Texas and the Blacklands. Sorghum continued to be harvested in the Southern High Plains and the Northern Low Plains, while sorghum continued to be harvested in South Central Texas and the Coastal Bend. Chili peppers continued to bloom in the Trans-Pecos. Livestock started to improve in parts of the Plains due to improved pasture conditions. Top soil moisture was mostly short to adequate statewide.
WASHINGTON: Days suitable for field work 6.7. Soil moisture 6% very short, 37% short, 57% adequate. Hot and dry weather over the eastern grain growing counties continued to move grains along. In general, grain condition were normal, but the recent heat removed substantial moisture from the soil leaving growers concerned about moisture levels in summer fallow for fall planting. Whitman County reported temperatures reached 100 degrees, producing a lot of strain on newly headed grain. Some counties reported grain had begun to turn. The first cutting of alfalfa was nearly complete and second was going down, pushed along by the heat. Bluegrass seed harvest had begun in Spokane County with fields being laid down to dry before harvest. Christmas tree growers reported some annual needle necrosis on both Grand and Noble fir due to the previous week’s thermal blast which brought temperatures into the 90s. On the west side, cannery peas continued to look very good. In the Yakima Valley, daily temperatures neared 100 degrees. Cherry harvest continued as peak harvesting activities moved towards the upper valley. Some apple thinning activities continued even as some orchard blocks were reported to be propped up due to heavy fruit set. Apple size was approaching 55–60 mm in the mid to lower valley. Skagit County reported the cabbage seed crop had formed seed pods and harvest was nearing. Strawberry harvest continued and raspberry harvest had reported the cabbage seed crop had formed seed pods and harvest was nearing. Blueberries were showing some color. Range and pasture conditions 8% very poor, 28% poor, 27% fair, 37% good. Nearly all cattle were on summer pasture. Reports from Stevens County noted livestock growers were culling herds due to high feed prices. Kittitas County reported rangeland conditions were rapidly drying out, as expected.

WEST VIRGINIA: Days suitable for field work 3. Topsoil moisture 66% adequate, 34% surplus compared with 32% very short, 45% short, 23% adequate last year. Corn conditions 1% very poor, 3% poor, 21% fair, 71% good, 4% excellent; 3% silked, 5% in 2007, 5-yr avg. not available. Soybean conditions 7% fair, 92% good, 1% excellent; 98% planted, 2007 and 5-yr avg. not available. Soybeans 87% emerged, 96% in 2007, 91% 5-yr avg.; 4% blooming, 3% in 2007, 5-yr avg. not available. Winter wheat conditions 10% poor, 18% fair, 70% good, 2% excellent; 35% harvested, 24% in 2007, 25% 5-yr avg.; 31% fair, 54% good, 15% excellent; 83% headed, 80% in 2007, 72% 5-yr avg. Hay was 75% complete, 85% in 2007, 80% 5-yr avg. Apple conditions 10% poor, 75% fair, and 15% good. Peach conditions 5% poor, 85% fair, 10% good. Cattle and calves were 2% poor, 10% fair, 83% good and 5% excellent. Sheep and lambs were 2% poor, 8% fair, 85% good and 5% excellent. Farming activities included making hay, vaccinating cattle, and equipment maintenance. Rain continues to cover most of the state. With the high temperatures bringing the growing season to improve crop conditions. Double crop soybean planting continued this week. Recent rains have made the ground workable again. Soybean fields that exhibited poor stand, due to a cold wet early spring, were being replanted. The winter wheat harvest was nearing completion. Wheat growth looked favorable. Other farming activities included farmers harvesting second cutting of hay and applying post emergent herbicides to soybeans.

WASHINGTON: Days suitable for field work 6.4. Topsoil moisture 1% very short, 25% short, 67% adequate, 7% surplus. Temperatures ranged from 3 degrees below to 5 degrees below normal. Average high temperatures ranged from 74 to 82 degrees across the state. Lows averaged from 54 to 56 degrees for the week. Precipitation ranged from 0 inches in Madison and Eau Claire to 1.16 inches in Green Bay. Average corn height was 30 inches with 0 percent silking. Soybeans emerged was 99 percent complete. There were 8 percent of soybeans blooming. Oats were 72 percent headed and 0 percent harvested. First cutting hay was 95 percent harvested while second cutting hay was 21 percent complete. Drier weather last week allowed growers to spray corn and soybean fields where weeds were becoming a problem. Corn and soybeans were getting greener as previously wet fields continued to dry out.

WYOMING: Days suitable for fieldwork 6.7. Topsoil moisture 4% very short, 28% short, 67% adequate, 1% surplus. Subsoil moisture 15% very short, 28% short, 57% adequate. Barley 95% jointed, 85% previous week, 96% 2007, 97% avg.; 68% boot, 47% previous week, 81% 2007, 87% avg.; 46% headed, 22% previous week, 63% 2007, 69% avg.; condition 3% poor, 19% fair, 78% good. Corn 98% emerged, 93% previous week, 100% 2007, 100% avg.; 21 inches average height; condition 3% poor, 21% fair, 76% good. Oats 90% jointed, 79% previous week, 90% 2007, 93% avg.; 60% boot, 41% previous week, 73% 2007, 76% avg.; 38% headed, 24% previous week, 54% 2007, 48% avg.; condition 1% poor, 25% fair, 74% good. Spring wheat 95% jointed, 92% previous week, 95% 2007, 97% avg.; 72% boot, 59% previous week, 80% 2007, 83% avg.; 41% headed, 21% previous week, 51% 2007, 57% avg.; condition 37% fair, 62% good, 1% excellent. Winter wheat 96% headed, 89% previous week, 98% 2007, 98% avg.; 61% turning color, 36% previous week, 87% 2007, 79% avg.; condition 1% poor, 39% fair, 59% good, 1% excellent. Dry beans 91% emerged, 73% previous week, 99% 2007, 98% avg.; 24% bloom, 5% previous week, 22% 2007, 14% avg.; condition 1% fair, 99% good. Alfalfa hay 57% first cutting, 31% previous week, 78% 2007, 71% avg. Other hay 20% total cut, 11% previous week, 29% 2007, 24% avg. Sugar beet condition 1% very poor, 0% poor, 15% fair, 79% good, 5% excellent. Range and pasture condition 2% poor, 23% fair, 60% good, 15% excellent. Stock Water Supplies 6% short, 92% adequate, 2% surplus. Scattered areas received minimal precipitation along with warm temperatures. Cool temperatures at night delay alfalfa growth in localized areas. Most crop conditions remained the same compared to the previous week. Irrigation water supplies are holding up well. Additional moisture is needed in order to improve crop progress. Activities preparations for hay harvest, shearing range sheep, branding and moving livestock.