**Weekly Weather and Crop Bulletin State Stories**

**ALABAMA:** Days suitable for fieldwork 5.2. Topsoil moisture 1% very short, 27% short, 70% adequate, and 2% surplus. Corn 91% silked, 100% 2008, and 96% avg.; 52% dough, 79% 2008, 61% avg.; 17% dent, 34% 2008, 28% avg.; conditions 4% very poor, 21% poor, 40% fair, 33% good, and 2% excellent. Cotton 80% squaring, 90% 2008, 84% avg.; 23% setting bolls, 46% 2008, 46% avg.; conditions 1% very poor, 5% poor, 45% fair, 48% good, 1% excellent. Peanuts 33% pegged, 48% 2008, 42% avg.; conditions 0% very poor, 0% poor, 47% fair, 52% good, 1% excellent. Soybeans 94% emerged, 99% 2008, 95% avg.; 32% blooming, 72% setting pods, 52% 2008, 21% 2008, 24% avg.; conditions 1% very poor, 8% poor, 47% fair, 42% good, 2% excellent. Livestock condition 0% very poor, 1% poor, 27% fair, 57% good, and 15% excellent. Pasture and range condition 0% very poor, 5% poor, 42% fair, 50% good and 3% excellent. Producers across the state were satisfied with the weather and slightly lower temperatures that occurred across the state, however, they were also worried about the condition of the corn crop. The US Drought Monitor portrayed the state of Alabama as 25.5 percent abnormally dry. Daytime highs for the week ranged from 90 degrees in Cullman and Sand Mountain to 99 degrees in Livingston. Overnight lows varied from 54 degrees in Hamilton to 70 degrees in Dothan. Precipitation totals for the week reached from 0.37 inches in Livingston over a period of 3 days, to 5.61 inches of rain in Birmingham over a period of 5 days. Producers were happy about the small amount of rainfall that was seen last week, but corn yields were beginning to deteriorate. Producers mentioned that the hot and dry, 3 week period during the last of June hurt the corn yields' potential. Local fruit like blackberries have finished up for the season in central and south Alabama. Peach volume and size were picking up in the central part of the state. Pastures and row crops were doing much better with the late rain, and livestock were doing well as well.

**ARIZONA:** Temperatures were above normal across the State for the week ending July 19, ranging from 4 degrees above normal at Canyon de Chelley and Winslow to 12 degrees above normal at Payson. The highest temperature of the week was 117 degrees at Roll and the lowest reading of 41 degrees occurred at Grand Canyon. Precipitation was reported at 13 of the 22 stations. Douglas, Kingman, and Winslow received 0.01 inches and Maricopa received .34 inches of precipitation. Wilcox is the only reporting station with above normal precipitation. Cotton squaring is complete on 87 percent of the acreage, behind the 5-year average of 94 percent. Bolls are set on 55 percent of the acreage, ahead of last year, but behind the 5-year average. Alfalfa harvest remains active on over three-quarters of the State’s acreage. Alfalfa conditions are mostly good to excellent. Range and pasture conditions vary from mostly very poor to good depending on location.

**ARKANSAS:** Days suitable for fieldwork 5.4. Topsoil moisture 3% very short, 39% short, 55% adequate, 3% surplus. Subsoil moisture 2% very short, 39% short, 57% adequate, 2% surplus. Corn 95% silked, 97% 2008, 99% avg.; 50% dough, 45% 2008, 61% avg.; 9% dented, 12% 2008, 18% avg.; condition 2% very poor, 12% poor, 35% fair, 38% good, 15% excellent. Rainfall provided some much-needed moisture last week as the main row crop activities consisted of applying mid-season nitrogen to rice and spraying for insects and weeds in soybeans. Corn silked was 2% behind 2008 and 4% behind the five-year average. Cotton was in the dough stage was 5% ahead of last year but 1% behind the five-year average. Cotton setting bolls was 1 week behind last year and nearly two weeks behind the five-year average. Rice headed was 6% ahead of 2008 and equal to the five-year average. Rice was treated for sheath blight in some areas. Sorghum headed was 12% ahead of 2008 but 10% behind the five-year average. The sorghum crop was just beginning to color last week. The soybean crop had just 1% left to emerge and soybeans blooming was 10% ahead of last year but 12% behind the five-year average. Setting pods was 4% ahead of 2008 but 13% behind the five-year average. Livestock remained in fair to good condition. Pasture and range condition was rated as 5% poor, 30% fair, 45% good, and 20% excellent. Producers mentioned that the hot and dry, 3 week period during the last of June hurt the corn yields' potential. Local fruit like blackberries have finished up for the season in central and south Alabama. Peach volume and size were picking up in the central part of the state. Pastures and row crops were doing much better with the late rain, and livestock were doing well as well.

**CALIFORNIA:** Spraying for weeds in rice fields slowed. Alfalfa, Sudan grass continued to be cut and baled. Winter forage, small grains continued to be harvested for hay and silage. Cotton continued to progress, with plants squaring and setting bolls; some fields were treated for lygus. Wheat harvest has been completed in most areas. Chickpea harvest concluded. Sorghum, corn continued to develop. Early planted corn fields were tasseling. Nectarine, cling peach, and plum harvests continued normally in the San Joaquin and Sacramento valleys. Primary harvested varieties included Catalina and Fortune plums, in addition to Elegant Lady and Zee Lady peaches. Sacramento Valley prune growers added tree supports in preparation for harvest while San Joaquin prune growers experienced significant fruit drop. Conditions are dry and dusty for North Coast grape vineyards, with sulfur applications decreasing and fungicide use continuing at a consistent rate. Conditions were normal for Central Coast vineyards. The Seedless Royal and Flame grapes harvest continued to increase in volume in the San Joaquin Valley, though increased irrigation was necessary due to high temperatures. The blackberry harvest continued. The valencia orange harvest continued with some regreening occurrences in the San Joaquin Valley. Normal spraying, maintenance continued in orchards and vineyards, along with increased irrigation to deal with hotter temperatures. Codling moth, mites, worm treatments, and sunburn prevention sprays continued for walnuts. Hull split and miticide spraying continued for almonds in the Sacramento and San Joaquin valleys. Hull split in non pareil almonds was averaging less than 50% in most Sacramento Valley orchards. Fresh market and processing tomato field planting nearing completion in Merced County. The harvest of vegetables for farmers’ markets continued. Sweet potato harvest was underway. In Stanislaus County beans were being sprayed with agri-mek for mites and aphids. Harvest of tomatoes was well underway; with little pest problems. Tomato yields were reported to be slightly better than the previous year. Maintenance activities, irrigation and ground preparation continued in Sutter County. Squash was being harvested. Fresh market onions were harvested with good quality reported. Dehydrator onion yield was strong. Honeydew and cantaloupe melon harvests continued in the San Joaquin Valley, as well as a late-coming watermelon harvest. Harvest of bell peppers continued. Critical dry, deteriorating pasture and rangeland in most areas of the state equaled high fire danger and

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very poor forage for livestock on dry grasslands at all elevations. Cattle remaining on rangeland and dry-land pasture in many central and southern areas continued to receive supplemental protein, hay, and other feeds. Accelerated drying of northern-area pastureland was also reported. Irrigated pasture was in good condition. Rising temperatures over much of the State and increased herbicide applications on cattle.username/ing milk production, as well as creating heat stress on sheep and poultry. Dairy herd reduction continued. Sheep and goats were grazing on dry-land grain and older alfalfa fields, retired farmland and some rangeland. Honeybees were pollinating alfalfa, sunflower, vineseed, melon, squash, cucumber, and other vegetable plantings. Leaf cutter bee woods in east alfalfa blocks. Low grazing pressure was seen in wheat and pasture. Some low lying areas have standing water, near flooded. Cattle condition very poor to excellent, most good. Statewide, cattle condition very poor to excellent, most good.

growers combatled canker with additional copper spraying during rainy season. Growers used both aerial, ground spraying to reduce citrus psyllid that spreads greening. Some growers with heavy concentrations of greening choose to push individual trees, others pushed entire blocks. Pasture Feed 1% poor, 19% fair, 60% good, 20% excellent. Condition 1% very poor, 19% poor, 26% fair, 50% good, 16% excellent. Panhandle, north, pasture condition fair to excellent. Scattered showers kept pastures green, growing. Most pasture in good to excellent condition. Cattle condition improved. Central, range, pasture fair to excellent, most good. Pasture condition good in most areas, some pockets that missed afternoon showers stressed. Some pasture in low lying, poor pasture. Some low lying areas have standing water, near flooded. Cattle condition very poor to excellent, most good. Statewide, cattle condition very poor to excellent, most good.

**COLORADO:** Days suitable for field work 5.7. Topsoil moisture 2% very short, 35% short, 63% adequate. Subsoil moisture 41% short, 59% adequate. Alfalfa 30% 2nd cutting 40% 2008, 42% avg.; condition 1% very poor, 10% poor 33% fair, 49% good, 7% excellent. Dry Beans 30% flowered, 30% 2008, 26% avg.; condition 1% poor, 6% fair, 78% good, 15% excellent. Spr, as beey 92% headed, 96% 2008, 96% avg.; 50% turning color 47% 2008, 61% avg.; condition 5% fair, 58% good, 37% excellent. Dry onions condition 1% fair, 78% good, 21% excellent. Sugarbeets condition 1% poor, 3% fair, 77% good, 19% excellent. Summer potatoes condition 80% good, 20% excellent. Fall potatoes condition 2008, 20% fair, 90% good, 8% excellent. Cucumbers harvested 8%, 2008, 85% avg.; 32% turning color, 36% 2008, 49% avg.; condition 20% fair, 60% good, 20% excellent. Winter wheat 84% ripe, 96% 2008, 98% avg. This week the State experienced dry conditions in Colorado. Most areas across the State reported above normal average temperatures for this time of year. This, along with the dry conditions, has led to a decrease in crop conditions, this week compared to weeks past.

**DELAWARE:** Days suitable for fieldwork 7.0. Topsoil moisture 31% very short, 32% short, 37% adequate, 0% surplus. Subsoil moisture 26% very short, 28% short, 46% adequate, 0% surplus. Hay supplies 0% very short, 13% short, 58% adequate, 29% surplus. Other Hay second cutting 78%, 2008, 79% avg.; third cutting 2%, 5% 2008, 5% avg. Alfalfa Hay second cutting 83%, 97% 2008, 94% avg.; third cutting 9%, 33% 2008, 19% avg. Pasture condition 2% very poor, 7% poor, 35% fair, 54% good, 2% excellent. Corn condition 8% very poor, 17% poor, 31% fair, 34% good, 10% excellent; 60% silked, 74% 2008, 78% avg.; 8% dough, 16% 2008, 22% avg. Soybean condition 4% very poor, 5% poor, 31% fair, 38% good, 26% excellent. Winter wheat 84% ripe, 96% 2008, 98% avg.; condition 1% very poor, 4% poor, 5% fair, 38% good, 3% excellent. Sugar beets condition 1% poor, 3% fair, 77% good, 19% excellent. Potato condition 80% good, 20% excellent. Fall potatoes condition 2008, 20% fair, 90% good, 8% excellent. Cucumbers harvested 8%, 2008, 85% avg.; 32% turning color, 36% 2008, 49% avg.; condition 20% fair, 60% good, 20% excellent. Winter wheat 84% ripe, 96% 2008, 98% avg. This week the State experienced dry conditions in Colorado. Most areas across the State reported above normal average temperatures for this time of year. This, along with the dry conditions, has led to a decrease in crop conditions, this week compared to weeks past.

**FLORIDA:** Topsoil moisture 1% very short, 16% short, 64% adequate, 19% surplus. Subsoil moisture 1% very short, 17% short, 66% adequate, 16% surplus. Peanuts 62% planted, 85% 2008, 79% 5-yr avg.; condition 2% poor, 11% fair, 59% good, 28% excellent. Fungicide treatments applied, some peanuts fields. Some peanuts behind schedule, Walton County. Washington County, non-irrigated field corn struggled; growers expect lower yields. Corn silage chopped, Alachua County. Second cutting hay delayed by rain, Suwannee, Levy counties. Hay baling good for those dodging rain. Cotton, fair to good condition overall. Some growers applied growth regulators. Soybean crop, drought, grasshoppers, Okaloosa County. Soil moisture short to adequate, most locations; some surplus, central Peninsula. Vegetables growers continued to market okra. Arthurville, Jackson County, light amounts peas, cucumbers, squash. Blueberry, blackberry season finishing, Hamilton County. Harvesting late melons, cut short due to heat stress, Columbia County. Longan harvesting continued, Miami-Dade County, Charlotte, Collier, Hendry, Lee counties prepped fall plantings. Citrus trees turning color, extending into coastal areas. New crop fruit showed advanced sizes on grapefruit, some oranges. New tree growth observed in many groves. Grove activity, fertilizations, nutritional spraying, hedging. Some
temperatures swept across Illinois this past week. Crops are continuing to lag behind the five year average. Corn tasseled is at its lowest point for this time frame since 1997. Soybeans blooming are at their lowest point since 1996. Producers are hoping for warmer temperatures to aid in crop development. Other field activities included spraying, mowing, and 1% livestock. Temperatures statewide averaged 69.3 degrees, 7.4 degrees below average. Statewide precipitation averaged 1.05 inches, 0.26 inch above average.

INDIANA: Days suitable for fieldwork 5.3. Topsoil moisture 2% very short, 22% short, 62% adequate, 14% surplus. Subsoil moisture 2% very short, 17% short, 69% adequate, 12% surplus. Corn 28% silked, 34% 2008, 64% avg.; condition 2%, 8% good, 52% very good, 93% 2008, 2% great, 11% 2008 excellent. Soybeans 33% blooming, 36% 2008, 55% avg.; condition 2% very poor, 8% poor, 27% fair, 52% good, 11% excellent. Winter wheat 96% harvested, 90% 2008, 96% avg. Pasture condition 1% very poor, 5% poor, 24% fair, 48% good, 22% excellent. Alfalfa second cutting 69% complete, 58% 2008, 74% avg. Temperatures ranged from 40 below to 10 below normal with a low of 430 and a high of 870. Total precipitation ranged from 0.01 inches to 2.60 inches. Scattered rains brought some relief to drier areas of the state but lower temperatures have created some concern with crop growth. Wheat harvest is practically wrapped up throughout the state with decent yields being reported from most areas. Operators who put in double cropped soybeans last week. Some soybean fields were still being sprayed. Farmers worked on odd jobs, reported FSA acres, baled hay and straw, and attended county fairs.

IOWA: Days suitable for fieldwork 4.8. Topsoil moisture 0% very short, 5% short, 79% adequate, and 16% surplus. Subsoil moisture 0% very short, 14% short, 4% adequate, and 81% surplus. Corn 26% silked, 34% 2008, 46% avg.; condition 2%, 11% average, 57% 2008 good, 12% excellent. Soybeans 60% blooming, 71% avg.; average, 50% last year. Soybeans 14% setting pods, 24% average, 9% last year. Soybean condition rated 1% very poor, 4% poor, 17% fair, 57% good, 21% excellent. Tomatoes 9% headed, 100% average, 95% last year. Oats turning color 87%, 92% average, 73% last year. Oats harvested for grain 13%, 24% average, 7% last year. Oat condition rated 1% very poor, 4% poor, 26% fair, 52% good, 17% excellent. Alfalfa second harvest 50%, 66% average, 31% last year. All Hay condition rated 2% very poor, 10% poor, 27% fair, 48% good, 13% excellent. Pasture and range reported 1% very poor, 5% poor, 5%, 22% fair, 50% good, 22% excellent. Iowa corn fields added a color other than green last week as tassels appeared seemingly overnight. Good crop progress was made despite cooler average weekly temperatures. Lower rainfall totals gave low-lying cropland a chance to drain. Cattle and pigs on feed recorded excellent gains as optimal temperatures. Lower rainfall totals gave low-lying cropland a chance to drain. Cattle and pigs on feed recorded excellent gains as optimal temperatures. Lower rainfall totals gave low-lying cropland a chance to drain. Cattle and pigs on feed recorded excellent gains as optimal temperatures.
completed northwest; renovation completed southwest, where growers applied residual herbicides and fertilizers. Sweet cherry harvest wrapped up southern Michigan, while harvest for stem-on market underway northwest. Tart cherry harvest began west central and completed southwest except on heavier soils, where harvest nearened completion. Cherry fly activity high, but leaf and bud infection concern; post harvest applications recommended for growers to reduce fruit fly populations and leaf spot infections next season. Grapes at berry touch northwest. Growers across State harvesting a variety of vegetables including cabbage, red beets, radishes, peas, lettuce, broccoli, zucchini, and greens. Sweet corn development continued to be slow due to cooler temperatures; growers most areas did not expect to begin harvest until end of July or first week of August. Downy mildew confirmed cucumber fields three Michigan counties; all growers advised to spray for downy mildew and monitor other vine crops. Grand Rapids area, melons developing fruit and appeared to be growing well. Hard squash flower mold, and Zebra mites had build up and two inches diameter, while weevs attained a size of nearly one inch. Tomatoes and peppers fruiting; growers monitoring tomato fields for early blight and Septoria leaf spot. Celery transplanting nearly complete, and first harvest underway. Growers reported that some of more mature celery crop killed or harmed by earlier field flooding, but that pest problems fairly light. Pasture 4% very poor, 23% poor, 44% fair, 24% good, and 20% excellent. Rainfall averaged 1.00 inch. Temperatures were 4 to 8 degrees below normal across the State. Crop conditions are lower across the eastern third of the State.

MONTANA: Days suitable for field work 6.1. Topsoil moisture 7% very short, 22% short, 38% short, 50% last year; 53% adequate, 26% last year; 2% surplus, 1% last year. Subsoil moisture 11% very short, 15% last year; 42% short, 48% last year; 47% adequate, 38% last year; 0% surplus, 1% last year. Winter wheat condition 2% very poor, 2% last year; 8% poor, 9% last year; 33% fair, 34% last year; 48% good, 41% last year; 9% excellent, 14% last year. Barley condition 1% very poor, 1% last year; 6% poor, 7% last year; 29% fair, 37% last year; 48% good, 51% last year; 16% excellent, 4% last year. Spring Wheat condition 3% very poor, 5% last year; 12% poor, 9% last year; 28% fair, 34% last year; 49% good, 49% last year; 8% excellent, 3% last year. Oats condition 1% very poor, 3% last year; 5% poor, 9% last year; 26% fair, 46% last year; 58% good, 39% last year; 10% excellent, 3% last year. Durum Wheat condition 5% very poor, 10% last year; 15% poor, 94% last year. Oats 96% good, 3% poor, 1% last year; 26% fair, 36% last year; 9% excellent, 0% last year. Barley 95% boot, 94% last year; 70% headed, 84% last year; 15% turning, 26% last year. Durum Wheat 86% boot, 98% last year; 80% headed, 81% last year; 6% turning, 37% last year. Lentils 88% blooming, 90% last year. Oats 96% boot, 2% consuming, 81% last year; 2% poor, 22% last year. Spring Wheat 92% boot stage, 95% last year; 79% headed, 88% last year; 13% turning, 25% last year. Winter Wheat 78% turning, 78% last year. Alfalfa hay first cutting, 86% complete, 88% last year. Other hay first cutting 77% complete, 80% last year. Canola 80% blooming, 100% last year; 17% turning, 44% last year. Dry peas 85% blooming, 76% last year; 13% turning, 65% last year. Hardin had the high temperature in Montana last week at 98 degrees. Wisdom, for the second week in a row, had the low temperature at 34 degrees. Creston and Kalispell both received the greatest amount of precipitation with 1.43 inches. Range and pasture condition across most of the State, with some exceptions in the Panhandle. Alfalfa hay first cutting, 86% complete, 88% last year. Other hay first cutting 77% complete, 80% last year. Canola 80% blooming, 100% last year; 17% turning, 44% last year. Dry peas 85% blooming, 76% last year; 13% turning, 65% last year. Hardin had the high temperature in Montana last week at 98 degrees. Wisdom, for the second week in a row, had the low temperature at 34 degrees. Creston and Kalispell both received the greatest amount of precipitation with 1.43 inches. Range and pasture condition across most of the State, with some exceptions in the Panhandle.

NEVADA: Days suitable for fieldwork: 7. Warm temperatures dominated the State this week. Temperatures ranged between zero and seven degrees above normal. Las Vegas recorded the highest temperature across the State reporting 113 degrees while Winnemucca was second reporting a high of 104 degrees. Ely reported the lowest temperature at 35 degrees. Reno, Ely, and Winnemucca recorded a trace amount of precipitation. Four wildfires are burning in Nevada. The two largest fires are burning 25 miles north of Reno and have burnt almost 12,000 acres. Pasture and range conditions are in
good to excellent condition. Some drying of pastures has occurred. First cutting of alfalfa and other hay continued. Some grain hay has been cut. Cattle generally look in good condition and have been moved to summer pastures. Main farm and ranch activities include irrigation, weed control, fertilizing, haying, equipment maintenance, and some insect control.

NEW ENGLAND: Days suitable for field work 4.7. Topsoil moisture 2% short, 50% adequate, 48% surplus. Subsoil moisture 57% adequate, 43% surplus. Pasture condition 1% very poor, 12% poor, 24% fair, 46% good, 17% excellent. Maine Potatoes Condition good/excellent. Rhode Island Potatoes condition N/A. Massachusetts Potatoes condition good. Maine Oats Condition good/excellent. Maine Barley Condition good/excellent. Field Corn 99% emerged, 100% 2008, 99% average; condition fair/good. Sweet Corn 99% planted, 100% 2008, 99% average; 95% emerged, 100% 2008, 95% average; 5% harvested, 10% 2008, 5% average; condition fair/good/shade. Tobacco condition good/fair. Broadleaf Tobacco condition good/fair. First Crop Hay 80% harvested, 90% 2008, 90% average; condition poor/fair in Massachusetts, fair/good elsewhere. Second Crop Hay 25% harvested, 30% 2008, 25% average; condition good/fair. Apples Fruit Set average/above average in New Hampshire and Vermont, average elsewhere; Fruit Size average/above average in New Hampshire and Vermont, average elsewhere; condition good/fair in Connecticut and Maine, good elsewhere. Peaches 5% harvested, 5% 2008, 5% average; Fruit Set average/below average in New Hampshire, average elsewhere; Fruit Size average/above average in New Hampshire, average elsewhere; condition good/fair in Connecticut and Massachusetts, good elsewhere. Pears, Fruit Set average; Fruit Size average/above average in Connecticut and Massachusetts, good elsewhere. Cherries 15% harvested, 20% 2008, 15% 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. Last week began with below average high temperatures ranging in the mid-60s to low 80s. Nighttime temperatures were below average as well, ranging in the upper 40s to low 60s. Most states were dry with partly cloudy skies, except for Maine, which experienced rain near the end of the week. Temperatures improved mid-week and were mostly average throughout the rest of the week, ranging in the upper 70s to low 80s. Heavy rain and thundershowers moved into the area Thursday night and continued through Friday evening; no major crop damage was reported. The weekend began foggy, but ended partly cloudy, with some much needed sun shining through. Total precipitation for the week ranged between 0.19 and 1.76 inches. Farmers were topdressing nitrogen to vegetable and corn fields, cutting and baling dry hay/haylage, mowing orchard fields, applying pesticides and fungicides to vegetable and fruit crops, scouting for pests, and harvesting early season vegetables, blueberries, and raspberries.

NEW JERSEY: Days suitable for field work 6.5. Topsoil moisture 10% short, 85% adequate, 5% surplus. Subsoil moisture 5% short, 90% adequate, 5% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were below normal across the Garden State. Activities planting fall vegetable, spraying crops, and irrigating fields. Field corn tasseled and began to grow ears, while soybeans started to bloom. Producers finished first-cuttings and crops, scouting for pests, and harvesting early season vegetables, blueberries, and raspberries.

NEW ENGLAND: Days suitable for fieldwork 4.7. Topsoil moisture 30% very short, 44% short, 26% adequate. Wind damage 9% light, 3% moderate; 4% of cotton crop affected, 8% of sorghum crop affected. Hail damage 1% light, 1% moderate; 5% of cotton crop affected. Cotton 18% poor, 36% fair, 29% good, 17% excellent; 94% squared, 44% setting bolls. Corn 2% poor, 24% fair, 48% good, 26% excellent; 66% silked. Irrigated sorghum 2% very poor, 1% poor, 42% fair, 53% good, 2% excellent; 7% headed. Dry sorghum 70% poor, 30% fair, 10% headed. Total sorghum 46% poor, 34% fair, 19% good, 1% excellent; 100% planted, 9% headed. Irrigated winter wheat 9% poor, 17% fair, 74% good, 98% harvested. Dry winter wheat 60% very poor, 27% poor, 12% fair, 1% good; 100% harvested. Total winter wheat 36% very poor, 20% poor, 14% fair, 30% good; 99% harvested. Peanuts 100% fair; 54% pegging. Ohio: Days suitable for fieldwork 6.2. Soil moisture 10% very short, 48% short, 41% adequate, 1% surplus. Hay 2% very poor, 11% poor, 35% fair, 42% good, 10% excellent. Livestock condition 1% very poor, 2% poor, 16% fair, 89% good, 12% excellent. Corn 1% very poor, 4%
crop for this year was reportedly very good, though reports indicated high temperatures caused some berry harvest to end prematurely. Orchard crops continue to do well. The sweet cherry harvest wound down in The Dalles while it continued in the Hood River Valley, Dufur. Nurseries, Greenhouses. Nurseries, greenhouses continued with cloning, plant rats, plant propagation activities. The hot summer and cooler irrigation needs, some nurseries are now having to water on daily intervals. Livestock, Range, Pasture, Non-irrigated pastures continued to dry up as the hot, dry weather persisted. Some livestock experienced stress from the high temperatures.

OREGON:

Days suitable for fieldwork 6.5. Topsoil moisture 18% very short, 48% short, 33% adequate, 1% surplus. Subsoil moisture 15% very short, 42% short, 43% adequate, 0% surplus. Alfalfa Hay 73% second cutting, 51% 2008, 43% avg.; 8% third cutting, 0% 2008, 0% average. Spring Wheat 98% headed, 99% 2008, 95% avg.; 11% harvested. Barley 13% harvested; 1% very poor, 4% poor, 5% fair, 9% good, 4% excellent. Winter Wheat 22% harvested, 21% 2008, 23% avg.; Condition 6% very poor, 22% poor, 34% fair, 36% good, 2% excellent. Corn Condition 0% very poor, 2% poor, 16% fair, 66% good, 16% excellent. Barley 13% harvested, 21% 2008, 7% avg.; Condition 0% very poor, 2% poor, 42% fair, 51% good, 5% excellent. Range, Pasture 8% very poor, 15% poor, 30% fair, 41% good, 6% excellent. Weather Conditions were hot everywhere except for along the coast. High temperatures ranged from 102 degrees in Rome, down to 62 degrees in Crescent City. Six stations reported triple digit highs. Low temperatures ranged from 33 degrees in Christmas Valley, up to 56 degrees in Portland. Twenty-two of the forty-three stations reported a measurable amount of precipitation last week. The Salem station reported the greatest accumulation with 0.41 total inches. Field Crops, Hot, dry weather has sped up the grain harvest in the north central, eastern parts of the state. Crops that had been coming along late have been catching up this past week with favorable weather conditions. Rain slowed some activities in the western and eastern areas. Swathing of grass seed, tall fescue seed, crimson clover continued. Baleries were busy with hay, grass straw. Vegetables, It was a good growing week for vegetables, although the recent heat wave has made irrigation critical. Water shortages in southern areas have become an issue. Cucumbers, fresh harvested 100%, 100% 2008, 100% avg. Tomatoes, fresh harvested 94%, 2008, 92% avg. South Carolina observed lower than average temperatures and a few scattered thunderstorms this past week. Localized thunderstorms provided precipitation and relieved drought pressure for some areas, but many farmers did not receive the rainfall that they were anticipating. Continuous dry conditions resulted in falling crop conditions for many growers. South Carolina’s soil moisture ratings declined and were 13% very short, 42% short, 45% adequate, 0% surplus. Corn 2% very poor, 12% poor, 43% fair, 40% good, 3% excellent; 75% droughted, 60% 2008, 73% avg.; 11% matured, 3% 2008, 8% avg. Soybeans 1% very poor, 6% poor, 18% fair, 47% good, 0% excellent; 100% emerged, 98% 2008, 99% avg.; 98% bloomed, 15% 2008, 26% avg.; 2008, 23% avg.; 2008, 2008, 2008, 7% avg.; 97% doughed, 97% 2008, 98% avg.; 95% harvested, 82% 2008, 79% avg; Oats yellow 67% complete, 70% 2008, 79% avg.; 2008, 66% avg.; 12% ripe, 1% 2008, 1% very poor, 17% fair, 55% good, 26% excellent. Alfalfa second cutting 75% complete, 83% 2008, 76% avg.; third cutting 10% complete, 16% 2008, 15% avg. Timothy clover second cutting 37% complete, 21% 2008, 21% avg. Peaches 23% harvested, 12% 2008, 16% avg.; corn, 1% very poor, 10% poor, 51% fair, 41% good, 0% excellent; 91% harvested, 5% 2008, 3% 2008, 3% 2008, 3% avg.; conditions 4% fair, 56% good, 40% excellent. Soybean condition 4% poor, 24% fair, 52% good, 20% excellent. Quality of hay made 1% very poor, 4% poor, 23% fair, 44% good, 28% excellent. Pasture conditions 4% very poor, 7% poor, 34% fair, 39% good, 16% excellent. Good Week for Field Work: A drier, cooler than normal week in the eastern part of the state. The hot rain showers, the primary field activities included, small grain harvesting, baling straw, and making hay. Fruit and vegetables continue to be assessed to determine the effects from the May freezes. The cool morning temperatures and previous saturated conditions are now affecting crop progress.
TEXAS: Topsoil moisture 1% very short, 11% short, 76% adequate, and 12% surplus. Subsoil moisture 4% very short, 16% short, 74% adequate, and 6% surplus. Tobacco 20% topped, 20% 2008, 20% average. Pastures 1% very poor, 9% poor, 26% fair, 55% good, 9% excellent. Beneficial rainfall continued across most of the state last week, brightening crop yields prospectively for 2009. Pastures were also improving. On the grassland, weed control has been challenging and a few diseases were showing up. Some tobacco fields have also been blown over by the wind. Producers are responding to these challenges as scouting fields and spraying were the main farm activities last week. Crops continued to improve and are in mostly fair to good condition. Temperatures across the state averaged below normal for the week. Rainfall amounts averaged above normal in the West and East and below normal across the Middle part of the state.

VIRGINIA: Days suitable for fieldwork 6.3. Topsoil moisture 5% very short, 38% short, 55% adequate, 2% surplus. Subsoil moisture 2% very short, 31% short, 65% adequate, 2% surplus. Pasture 2% very poor, 10% poor, 27% fair, 52% good, 9% excellent. Livestock 2% poor, 11% fair, 70% good, 17% excellent. Hay Other 10% poor, 30% fair, 51% good, 9% excellent. Hay Alfalfa 2% poor, 24% fair, 50% good, 24% excellent. Corn 78% silked; 74% 2008; 73% 5-yr avg.; 29% dough; 23% 2008; 26% 5-yr avg.; condition 3% very poor, 10% poor, 26% fair, 40% good, 21% excellent. Soybeans 99% emerged, 94% 2008; 95% 5-yr avg.; 16% blooming, 16% 2008; 23% 5-yr avg.; condition 2% very poor, 9% poor, 28% fair, 49% good, 12% excellent. Flue-cured tobacco 11% fair, 58% good, 31% excellent. Burley tobacco 3% fair, 80% good, 17% excellent. Dark fire-cured tobacco 42% fair, 58% good. Peanuts 71% pegged, 76% 2008; 65% 5-yr avg.; condition 3% poor, 10% fair, 75% good, 12% excellent. Cotton squatting 72%; 74% 2008; 71% 5-yr avg.; condition 25% fair, 45% good, 30% excellent. Summer Apples 23% harvested, 18% 2008; 21% 5-yr avg. All Apples 1% poor, 28% fair, 70% good, 4% excellent. Peaches 27% harvested, 24% 2008; 22% 5-yr avg.; condition 6% poor, 24% fair, 67% good, 3% excellent. Grapes 2% poor, 9% fair, 88% good, 1% excellent. Oats 48% fair, 52% good. Variable rain showers across the Commonwealth provided short term relief to crops this week, although a more abundant rainfall is needed to improve those that are truly moisture stressed. In general, dry weather throughout the week allowed for the harvest of vegetables and fruits. As soybean planting has concluded, producers are actively scouting their fields for pests and weeds and applying post-emergent herbicide treatments where needed. Reports of the corn crop range from poor to excellent, largely dependent on the amount of moisture available. Summer squash, cucumbers, watermelons, and cantaloupes are all very short, 77% short, 15% adequate, 1% surplus. Apricots 67% harvested, 64% 2008, 69% avg. Sweet cherries 90% harvested, 35% 2008, 80% avg. Tart Cherries 30% harvested, 14% 2008, 49% avg. Weather conditions around the state continue to be hot and dry. Livestock and ranges continue to look good. Box Elder County reports another dry, hot, week with a small shower late Sunday. High temperatures during the week of 7/12 to 7/18 were in the upper 90’s and low 100’s. The corn crop is progressing very well with the hotter temperatures. Corn is beginning to tassel in some fields. The harvest of winter wheat and fall barley has begun in some areas. Oats condition 0% very poor, 0% poor, 7% fair, 85% good, 8% excellent. Stock water supplies 1% very short, 17% short, 82% adequate, 0% surplus. Apricots 67% harvested, 64% 2008, 69% avg. Sweet cherries 90% harvested, 35% 2008, 80% avg. Tart Cherries 30% harvested, 14% 2008, 49% avg. 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was not looking so well; many of the stands looked very thin and had to be re-cropped. Barley continued to look good and harvest will begin soon. Grant County reported dry pea harvest had begun as well as bluegrass seed and second cutting of alfalfa was wrapping up. In Whitman County, heat helped ripen crops. Franklin County reported irrigation was continuous on potato fields and orchards to keep the crop environment cooled down. Christmas tree growers were mowing grass in established plantations and shearing Grand fir. In the Yakima Valley, cherry harvest continued with peak harvest moving to the higher elevations of the county. Blueberry harvest was progressing well while higher temperatures slowed down raspberry production. Apple thinning operations continued; early-maturing peaches and nectarines were nearing harvest. Sweet corn harvest continued. Green beans, cucumbers, summer squashes, melons and tomatoes ripened. In Pacific County, cranberry growers continued irrigating their bogs, and expect a near record crop this fall. Range and pasture conditions 4% very poor, 19% poor, 42% fair and 35% good. On the west side, livestock producers were busy pulling the noxious weed tansy ragwort and took advantage of another week of warm, sunny days to harvest the second and third crop of forage. On the east side, lack of rain appeared to be drying out pastures and some were feeding their cattle. In Pacific County, shellfish growers slowed harvest activities, but continued new seed planting for both oysters and clams.

WEST VIRGINIA: Days suitable for field work 6. Topsoil moisture 21% short, 78% adequate and 1% surplus compared with 14% short, 85% adequate and 1% surplus last year. Corn conditions 20% fair, 73% good, and 7% excellent; 25% silked, 20% 2008, and 29% 5-yr avg. Soybean conditions 23% fair, 76% good, 1% excellent; 19% blooming, 26% 2008, and 30% 5-yr avg. Winter wheat conditions 5% poor, 49% fair, 46% good, harvested for grain 88%, 72% 2008, 62% 5-yr avg. Oat conditions 2% poor, 41% fair, and 57% good, 98% headed, 93% 2008, 86% 5-yr avg.; 31% harvested, 15% 2008, 11% 5-yr avg. Hay 30% fair, 63% good and 7% excellent; first cutting is 92% complete, 93% 2008, 93% 5-yr avg.; second cutting is 11% complete, 14% 2008, 14% 5-yr avg. Apple conditions 52% fair and 48% good. Peaches 61% fair, 38% good and 1% excellent. Cattle and calves were 12% fair, 83% good and 5% excellent. Sheep and lambs were 8% fair, 90% good and 2% excellent. Farming activities included making hay and straw, equipment maintenance, and harvesting oats and wheat. Many locations across the state indicated they experienced cooler temperatures during the week, which provided nice weather to put up hay and complete fieldwork. Cooler temperatures have also aided in reducing stress and improving conditions in livestock herds as well. County fairs are underway around the Mountain State.

WISCONSIN: Days suitable for field work 6.4. Topsoil moisture 34% very short, 36% short, 30% adequate, and 0% surplus. Temperatures were 4 to 8 degrees below normal. Average high temperatures ranged from 73 to 77 degrees across the state. Lows averaged from 53 to 60 degrees for the week. Precipitation ranged from 0.02 inches in Green Bay to 0.96 inches in Milwaukee. Average corn height was 60 inches. Corn 4% silking complete. Soybean 24% blooming, 1% setting pods. Oats 100% headed, 1% harvested. Second cutting hay was 68% complete. Lack of moisture continued to stress crops across the state. Cooler temperatures helped moderate this stress, but have also delayed crop development.

WYOMING: Days suitable for field work 6.7. Topsoil moisture 18% short, 81% adequate, 1% surplus. Subsoil moisture 4% very short, 16% short, 80% adequate. Barley 94% boot, 85% previous week, 95% 2008, 97% avg.; 78% headed, 65% previous week, 75% 2008, 86% avg.; 40% turning color, 19% previous week, 33% previous year, 53% avg.; 2% mature, 10% 2008, 19% avg. Oats 90% jointed, 84% previous week, 97% 2008, 97% avg.; 80% boot, 68% previous week, 91% 2008, 92% avg.; 57% headed, 43% previous week, 68% 2008, 74% avg.; 26% turning color, 11% previous week, 33% last year, 37% avg.; condition 4% fair, 94% good, 2% excellent. Spring Wheat 79% jointed, 68% previous week, 99% 2008, 99% avg.; 70% boot, 49% previous week, 96% 2008, 97% avg.; 48% headed, 25% previous week, 76% 2008, 82% avg.; 23% turning color, 2% previous week, 17% 2008, 44% avg.; condition 1% poor, 11% fair, 85% good, 3% excellent. Winter Wheat 86% turning color, 81% previous week, 94% 2008, 96% avg.; 43% mature, 13% previous week, 53% previous year, 76% avg.; 3% harvested, 13% 2008, 38% avg.; condition 4% fair, 95% good, 1% excellent. Dry Beans 39% bloom, 22% previous week, 42% 2008, 43% avg.; 6% setting pods, 2% previous week, 15% 2008, 15% avg. Corn 25% tasseled, 13% previous week, 19% 2008, 15% avg.; 0% silked, 3% previous year, 3% avg. Corn average height 31.0 inches, 22.0 inches previous week. Corn condition 1% poor, 8% fair, 91% good. Alfalfa harvested 83% first cutting, 71% previous week, 84% 2008, 91% avg.; 3% second cutting, 1% previous week, 10% 2008, 10% avg. Other hay harvested 47% total cut, 34% previous week, 33% 2008, 42% avg. Barley condition 1% fair, 84% good, 15% excellent. Sugarbeets condition 11% fair, 84% good, 5% excellent. Dry beans condition 7% fair, 93% good. Range and pasture conditions 20% fair, 66% good, 14% excellent. Stock water supplies 4% short, 95% adequate, 1% surplus. Warm weather reported in most of the state. Some areas reported grasshopper damage to pastures and alfalfa. Isolated areas had hail damage, softball size in one area. Activities, haying, start of winter wheat harvest.