ALABAMA: Days suitable for fieldwork 4.9. Topsoil moisture 27% very short, 39% short, 33% adequate, 1% surplus. Corn 93% silked, 97% 2006, 91% avg.; 48% dough, 63% 2006, 45% avg.; condition 58% very poor, 24% poor, 15% fair, 3% good, 0% excellent. Soybeans 96% emerged, 98% 2006, 97% avg.; 45% blooming, 59% 2006, 33% avg.; condition 33% very poor, 33% poor, 27% fair, 7% good, 0% excellent. Pasture condition 36% very poor, 32% poor, 23% fair, 9% good, 0% excellent. Livestock condition 37% very poor, 26% poor, 24% fair, 13% good, 0% excellent. Numerous counties across the state indicated that they received some much needed rainfall. Hayfields greened up, producers expected to get a decent cutting of hay if the weather pattern holds. Livestock showed some improvement, as a more nutritious food source was available.

ALASKA: Days suitable for fieldwork 5.0. Topsoil moisture 10% short, 85% adequate, 5% surplus. Subsoil moisture 5% short, 95% adequate. Barley 20% in dough, condition 10% fair, 40% good; 50% excellent. Oats 10% in dough, condition 10% fair, 60% good,30% excellent. Potatoes 99% emerged, 20% in bloom, condition 10% fair, 60% good, 30% excellent. Hay 1st cutting complete 75%, condition 5% poor, 10% fair, 60% good, 25% excellent. Crop growth 10% slow, 60% moderate, 30% rapid. Wind, rain damage to crops 95% none, 5% occasional. The main farm activities for the week were harvesting hay, weed control, equipment maintenance.

ARIZONA: Temperatures were mostly above normal in the State for the week ending July 15. Precipitation was reported at 7 of the 22 reporting stations. Safford received the most at 0.67 inches of precipitation and Buckeye received the least with 0.01 inches. There are only two stations with above normal precipitation for the year to date. Alfalfa harvest continues in Arizona with over three quarters of the State’s acreage active. Small grain harvesting is virtually complete. Cotton squaring is nearly complete across the State and sixty-two percent of the acreage has set bolls. Winter/spring. Cattle were doing well on irrigated pastures. However, surface water was expected to be short later in the season for irrigation in some areas. Sheep were grazing in harvested grain fields, retired farmland, older alfalfa fields in central California. Slightly cooler weather reduced the death loss in turkey, chicken houses. Bees were in squash, melon, alfalfa seed fields.

ARKANSAS: Days suitable for fieldwork 3.2. Topsoil moisture 5% short, 61% adequate, and 34% surplus. Subsoil moisture 1% very short, 8% short, 77% adequate, 14% surplus. Corn 99% silked, 100% 2006, 97% avg.; 73% dough, 61% 2006, 44% avg.; 26% dent, 21% 2006, 6% avg.; condition 1% very poor, 3% poor, 25% fair, 45% good, and 26% excellent. Soybeans 100% emerged, 100% 2006, 98% avg. Alfalfa hay condition 3% poor, 37% fair, 47% good, 13% excellent. Other hay condition 1% very poor, 10% poor, 31% fair, 47% good, 11% excellent. Bees were receiving supplemental feed, nutrient supplements in some foothill areas. Non-irrigated pastures were drying rapidly at higher elevations due to below normal rainfall, snow pack this past winter/spring. Cattle were doing well on irrigated pastures. However, surface water was expected to be short later in the season for irrigation in some areas. Sheep were grazing in harvested grain fields, retired farmland, older alfalfa fields in central California. Slightly cooler weather reduced the death loss in turkey, chicken houses. Bees were in squash, melon, alfalfa seed fields.

COLORADO: Days suitable for fieldwork 6.4. Topsoil moisture 8% very short, 34% short, 58% adequate, 0% surplus. Subsoil moisture 6% very short, 36% short, 56% adequate, 2% surplus. Spring barley 93% headed, 98% 2006, 99% avg.; 53% turning color, 41% 2006, 48% avg.; condition 3% poor, 21% fair, 52% good, 24% excellent. Spring wheat 83% headed, 91% 2006, 97% avg.; condition 1% very poor, 4% poor, 25% fair, 47% good, 23% excellent. Alfalfa 2nd cutting 49%, 35% 2006, 27% avg.; condition 2% very poor, 0% poor, 22% fair, 51% good, 22% excellent. Dry onion condition 9% poor, 20% fair, 51% good, 26% excellent. Sugarbeets condition 4% poor, 19% fair, 59% good, 18% excellent. Summer potatoes condition 1% poor, 7% fair, 45% good, 47% excellent. Fall potatoes condition 5% poor, 33% fair, 44% good, 18% excellent. Dry beans 26% flowered, 20% 2006, 13 avg.; condition 1% poor, 13% fair, 69% good, 17% excellent. Most of Colorado experienced a few scattered showers last week. However, with temperatures recorded above average statewide, fieldwork was not delayed by the precipitation.

DELAWARE: Days suitable for fieldwork 6.8. Topsoil moisture 51% very short, 24% short, 25% adequate, 0% surplus. Subsoil moisture 50% very short, 21% short, 29% adequate, 0% surplus. Corn condition 26% very poor, 23% poor, 24% fair, 18% good, 9% excellent; 58% silked, 60% 2006, 58% avg.; 12% dough, 22% 2006, 11% avg.; 1% dent, 0% 2006, 0% avg. Soybean condition very poor 11%, poor 45%, 17% fair, 20% good, 7% excellent; 11% blooming, 18% 2006, 12%
HAWAII: Producers continued supplemental feeding. Hay was in short supply as livestock conditions in recent weeks. Pastures and hayfields continued to average. There has been a noticeable improvement in soil moisture. Crops are emerging, 98% in 2006, 98% in avg.; 15% blooming, 31% in 2006, 37% in avg.; 2006, 45% in avg.; 4% mature, 10% in 2006, 10% in avg. Soybeans 97% poor, 26% poor, 19% fair, 17% good, 0% good, 0% excellent. Hay 32% very poor, 25% poor, 9% poor, 44% fair, 35% good, 1% excellent. Apples 55% very poor, 9% poor, 41% fair, 19% good, 4% excellent. Sorghum 11% very poor, 37% short, 47% adequate, 1% surplus. Corn 17% very short, 37% short, 42% adequate, 0% surplus. Subsoil moisture was replenished due to added showers. Crop production was affected due to dry conditions; older crops showed signs of stress from lack of moisture. Topsoil moisture 7% very short, 27% short, 65% adequate, 1% surplus. Subsoil moisture 16% very short, 36% short, 47% adequate, 1% surplus. Peanuts 55% pegged, 62% pr yr, 77% 5-yr avg. Jackson County some peanuts, good condition due to rain, yield prospects average. Green peanut digging started, Marion County. Santa Rosa County scattered showers skipped some areas, lowered cotton, peanut yields. Cows, cattle endured delayed emergence caused by dry conditions; oldest cotton blooming. Gadsden County some corn yields about 95% of normal; most hay need soaking rains for proper growth for first cut. Jefferson County growers not made first hay cuts due to slow growth caused by dry weather. Rains replenished soil moisture; northwest Panhandle, central Peninsula; parts of southern Peninsula. Soil moisture very short to short, Panhandle, Big Bend, northern Peninsula areas; short to adequate, central, southern Peninsula. Few spots of surplus moisture, localities receiving rain, parts of Hernando County. Tomato picking virtually finished, Quincy area. Okra harvest active, Dade County. Watermelon harvest nearly finished, northern Peninsula. Lakes, ponds, reservoirs getting back to normal levels; some water restrictions eased due to recent rains. Cultural practices include fertilizing, applications of summer oils, copper spraying, resetting of young trees. Trees continue to make good progress; some new growth due to tropical weather. New fruit sizing well, growers have positive outlook for next year’s crop. Pasture feed 5% very poor, 15% poor, 55% fair, 20% good, 5% excellent. Cattle condition 5% very poor, 5% poor, 50% fair, 35% good, 5% excellent. Panhandle, north pasture very poor to excellent, most fair; forage very low compared to normal. Hay supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low. Selling livestock practice of choice. First cutting of hay not yet possible in many fields. Stock pond water levels, supplies extremely low.
KANSAS: Days suitable for fieldwork 5.2. Topsoil moisture 6% very short, 25% short, 61% adequate, 8% surplus. Subsoil moisture 2% very short, 23% short, 56% adequate, 9% surplus. Soybeans 95% emerged, 100% 2006, 99% avg. Sorghum 98% emerged, 99% 2006, 98% avg. Sunflowers 95% emerged, 97% 2006, 94% avg.; 3% bloomed, 7% 2006, 7% avg.; condition 20% fair, 64% good, 16% excellent. Alfalfa 2nd cutting 85%, 94% 2006, 93% avg.; 3rd cutting 7%, 25% 2006, 19% avg. Feed grain supplies 5% very short, 10% short, 84% adequate, 1% surplus. Hay & forage supplies 3% very short, 16% short, 77% adequate, 4% surplus. Stock water supplies 1% very short, 8% short, 83% adequate, 8% surplus. The State received scattered showers last week with some areas accumulating over 3 inches. Temperatures were average. Harvesting wheat and hay were the primary activity. There were reports of flood damage to row crops in the southeast district.

KENTUCKY: Days suitable for fieldwork 5.6. Topsoil moisture 29% very short, 36% short, 33% adequate, 2% surplus. Subsoil moisture 42% very short, 34% short, 23% adequate, 1% surplus. The State received scattered rains this week, which did help the crops, but more rain is needed to manage all dryland development. Set tobacco condition 8% very poor, 17% poor, 31% fair, 36% good, 8% excellent. Black shank continues to be a minor problem in the tobacco. Pasture condition 21% very poor, 34% poor, 33% fair, 12% good. Hay crop condition 22% very poor, 36% poor, 36% fair, 6% good. The lack of consistent rain has resulted in neither crop receiving a rating of excellent for the past week. Corn and soybeans are an average, with the majority of both crop conditions rated as good to excellent.

LOUISIANA: Days suitable for fieldwork 3.4. Soil moisture 4% short, 58% adequate, 38% surplus. Corn 89% dough, 91% 2006, 86% avg.; 31% mature, 22% 2006, 20% avg.; 13% poor, 27% fair, 47% good, 13% excellent. Hay 11% cutting 100%, 2006, 95% avg.; 2nd cutting 43% , 46% 2006, 29% avg. Peaches 75% harvested, 69% 2006, 74% avg. Soybeans 1% turning color, 7% 2006, 1% avg. Sweet potatoes 100% planted, 100% 2006, 98% avg. Sugarcane 30% fair, 41% good, 29% excellent. Livestock 2% poor, 15% fair, 77% good, 6% excellent. Vegetable 3% very poor, 12% poor, 29% fair, 54% good, 2% excellent. Corn and soybeans harvest has begun in areas receiving rain this past week, three quarters of the State are still considered to be in a moderate drought. Work in the fields this past week included moving field borders, topping tobacco, and spraying for insect and diseases. Very little insect and disease presence in crops was reported. Burley tobacco blooming was at 14%, while 6% has been topped. Dark tobacco blooming has at 21%. Set tobacco condition 8% very poor, 17% poor, 31% fair, 36% good, 8% excellent. Blue shank continues to be a minor problem in the tobacco. Pasture condition 21% very poor, 34% poor, 33% fair, 12% good. Hay crop condition 22% very poor, 36% poor, 36% fair, 6% good. The lack of consistent rain has resulted in neither crop receiving a rating of excellent for the past week. Corn and soybeans are an average, with the majority of both crop conditions rated as good to excellent.

MARYLAND: Days suitable for fieldwork 6.3. Topsoil moisture 45% very short, 41% short, 14% adequate, 0% surplus. Subsoil moisture 32% very short, 51% short, 17% adequate, 0% surplus. Corn condition 16% very poor, 16% poor, 31% fair, 32% good, 5% excellent; 70% silked, 56% 2006, 50% avg.; 4% dough, 3% 2006, 5% avg. Soybean condition 12% very poor, 17% poor, 39% fair, 28% good, 4% excellent; 13% blooming, 11% 2006, 17% avg.; 2% setting pods, 2% 2006, 3% avg. Winter wheat condition 0% very poor, 5% poor, 15% fair, 72% good, 8% excellent; 93% harvested, 85% 2006, 84% avg. Pasture condition 16% very poor, 36% poor, 31% fair, 16% good, 1% excellent. Hay 2nd cutting 50%, 50% 2006, 53% avg.; 3rd cutting 4%, 0% 2006, 6% avg. Alfalfa 2nd cutting 91%, 86% 2006, 79% avg.; 3rd cutting 11%, 9% 2006, 13% avg. Apple condition 0% very poor, 0% poor, 1% fair, 99% good, 0% excellent. Peach condition 1% very poor, 1% poor, 5% fair, 93% good, 0% excellent; 12% harvested, 19% 2006, 12% avg. Watermelons 9% harvested, 5% 2006, 4% avg. Cucumbers 67% planted, 76% 2006, 67% avg.; 20% harvested, 33% 2006, 29% avg. Lima beans 88% planted, 61% 2006, 70% avg.; 4% harvested, 57% 2006, 20% avg. Snap beans 73% planted, 75% 2006, 73% avg.; 30% harvested, 50% 2006, 39% avg. Sweet corn 18% harvested, 22% 2006, 21% avg. Green peas 100% harvested, 85% 2006, 97% avg. Potatoes 16% harvested, 48% 2006, 23% avg. Tomatoes 6% harvested, 19% 2006, 13% avg. Cantaloupes 17% harvested, 17% 2006, 14% avg. Hay supplies 11% very short, 20% short, 69% adequate, 0% surplus. Air temperatures were in the 90’s last week with high humidity, limited rainfall. Topsoil, subsoil moisture is becoming short to very short in some areas of the state. Corn and soybeans are showing signs of stress due to lack of moisture.

MICHIGAN: Days suitable for fieldwork 6. Topsoil 50% very short, 29% short, 21% adequate, 0% surplus. Subsoil 33% very short, 41% short, 26% adequate, 0% surplus. Corn height 56 inches, 51 inches 2006, 45 inches avg. Winter wheat 2% very poor, 7% poor, 39% fair, 43% good, 9% excellent. Barley 1% very poor, 6% poor, 8% fair, 52% good, 8% excellent. Oats 5% very poor, 12% poor, 41% fair, 30% good, 12% excellent; 95% headed, 98% 2006, 96% avg.; 41% turning, 63% 2006, 42% avg. All hay 13% very poor, 27% poor, 37% fair, 21% good, 2% excellent. 2nd cutting hay 44%, 54% 2006, 40% avg. Dry beans 5% very poor, 6% poor, 51% fair, 40% good, 3% excellent; 5% blooming, 4% 2006, 10% avg. Blueberries 14% harvested, 8% 2006, 9% avg. Tart cherries 42% harvested, 55% 2006, 39% avg. Precipitation varied from 0.13 inches southeast Lower Peninsula to 1.25 inches northwest Lower Peninsula. Average temperatures ranged from normal southeast Lower Peninsula to 4 degrees below normal upper Western Upper Peninsula. Scattered rains fell across State. Many farmers welcomed cooler temperatures, which gave some crops a short break from dry heat. Dry conditions continued across State as only a few areas received minimal amounts of rainfall. Corn condition varied depending on amount of rainfall received. Some areas reported fielding fields in the core of development. Other areas, however, lack of moisture continued to add to crop stress. Soybean growth steady but slow with most stands reported good condition. Some fields have suffered stand loss from dry conditions. Soybean aphids continued to be present low numbers. Oats continued heading with some fields turning yellow. Dry beans condition tended to emerge with rapid growth. Corn and soybean growth continued short in dry conditions. Harvest of second cutting underway many areas. Potato leathoppers active large numbers. Sugarbeets continued to add growth. Wheat harwest well underway many areas. Apples ranged from 1.5 inches northwest to 2.25 inches southeast. Growers harvested bluecrop variety blueberries, demand has been very strong. Harvesting of early peach varieties continued southwest. Plums ranged from 1.0 inch diameter northwest to 1.25 inches east. Tart cherry harvesting continued west central, where good color and brix reported. Recent rains there helped fruit sizing. A few growers began harvesting northwest. Sweet cherries 22 mm northwest; harvest continued west central and ended southwest, where excellent quality reported. Grapes at berry touch southwest, powdery mildew primary disease concern. Chardonnay grapes had bunchrot berries northwest. Raspberry harvest continued. Significant cane collapse occurred due to winter injury and drought. Continued dry weather reported across vegetable growing area. Carrot growers have resumed irrigating fields. Celery harvest early planted fields, late planted fields are an average, with the majority of both crop conditions rated as good to excellent.
conditions declined for the 6th week in a row, with only 22 percent rated as Good or Excellent. Small grain crops were ripening rapidly with some oats being harvested.

**MISSISSIPPI:** Days suitable for fieldwork 1.4. Soil moisture 3% very short, 16% short, 48% adequate, 33% surplus. Corn 100% silked, 100% 2006, 99% avg.; 88% dough, 86% 2006, 79% avg.; 56% denting, 57 2006, 42% avg.; 14% maturity, 11% avg.; 1% silage harvested, 42% 2007, 27% avg.; 8% very poor, 18% poor, 30% fair, 33% good, 11% excellent. Cotton 98% squaring, 97% 2006, 94% avg.; 54% setting bolls, 66% 2006, 62% avg.; 2% very poor, 4% poor, 19% fair, 61% good, 14% excellent. Peanuts 60% pegging, 85% 2006, NA avg.; 14% very poor, 5% poor, 22% fair, 15% good, 45% excellent. Sorghum 87% heading, 93% 2006, 84% avg.; 8% turning color, 39% 2006, 19% avg.; 2% very poor, 5% poor, 11% fair, 71% good, 11% excellent. Soybeans 97% blooming, 97% 2006, 84% avg.; 69% setting pods, 84% 2006, 65% avg.; 1% turning color, 4% 2006, 1% avg., 2% very poor, 4% poor, 21% fair, 54% good, 19% excellent. Wheat 100% harvested, 100% 2006, 100% avg. Hay 40% (Harvested warm), 61% 2006, 57% avg.; 10% very poor, 19% poor, 29% fair, 23% good, 19% excellent. Sweetpotatoes 100% planted, 89% 2006, 94% avg.; 0% very poor, 0% poor, 7% fair, 69% good, 24% excellent. Weed sprouts 70% harvested, 88% 2006, 70% avg.; 0% very poor, 4% poor, 26% fair, 53% good, 17% excellent. Cattle 9% very poor, 13% poor, 24% fair, 44% good, 10% excellent. Pasture 3% very poor, 8% poor, 34% fair, 36% good, 19% excellent. At last! Mississippi producers have finally received substantial rainfall, following several weeks of intense drought conditions. Although there are 90 reports of excessive precipitation, most rains positive, as row crops and hay fields have begun to show a significant recovery. In some areas, the prolonged rainfall has made field work difficult, leading to increased disease and insect pressure.

**MISSOURI:** Days suitable for fieldwork 6.2. Topsoil moisture 9% very short, 29% short, 57% adequate, 5% surplus. Alfalfa harvest 2nd cutting 70%, 90% 2006, 86% avg.; 3rd cutting 7%, 14% 2006, 12% avg. Other hay 87% harvest, 94% 2006, 92% avg. Moderate temperatures helped limit stress on row crops, which remain in mostly fair to good condition. Rain is needed soon in most districts to replenish topsoil moisture. Considerable acreage of corn, soybeans, and wheat was lost in flooded areas of Bates, Vernon counties. Denitrification, pastures, soil conditions, livestock feeding, depression of pasture conditions, showers and rain in northeast, southeast districts are causing livestock producers to search out extra hay acres or begin supplemental feeding. Temperatures averaged over two inches positive, as row crops and hay fields have begun to show a significant recovery. In some areas, the prolonged rainfall has made field work difficult, leading to increased disease and insect pressure. **NEVADA:** Days suitable for fieldwork 7.0. Temperatures moderated slightly from the record setting highs recorded over the previous reporting period; however, daytime highs still soared into the upper nineties to low one hundreds over the entire state. Las Vegas reached 110 degrees for the week’s high temperature while Ely recorded the week’s low at 46 degrees. The major reporting station’s rainfall varied from 0.70 inches of rainfall. While the rain was much needed, some areas in Vermont experienced flood damage. Drought is still an issue in regions where rainfall did not occur as heavily. The wet weather boosted corn, legume, and alfalfa, weed control, irrigation and cattle movement.

**NEBRASKA:** Days suitable for fieldwork 5.6. Topsoil moisture 14% very short, 32% short, 50% adequate, 4% surplus. Subsoil moisture 11% very short, 31% short, 57% adequate, 1% surplus. Corn conditions 1% very poor, 3% poor, 22% fair, 48% good, 26% excellent; 57% silked, 55% 2006, 39% average; in the dough stage 5%, 3% 2006, 71% average; 3% very poor, 12% poor, 25% fair, 42% good, 17% excellent; 95% ripe, 99% 2006, 90% average; 88% harvested, 89% 2006, 71% average. Alfalfa conditions 0% very poor, 5% poor, 29% fair, 43% good, 16% excellent and cut forage taken 71%, 85% 2006, 72% avg. Oat conditions 0% very poor, 4% poor, 29% fair, 58% good, 9% excellent; 44% harvested, 49% 2006, 38% avg. Sorghum conditions 0% very poor, 1% poor, 17% fair, 65% good, 17% excellent. Dry bean conditions 1% very poor, 2% poor, 23% fair, 69% good, 5% excellent; 20% bloomed, 22% 2006, 19% avg. Wild hay 4% very poor, 3% poor, 21% fair, 60% good, 12% excellent. Pasture, range conditions 5% very poor, 8% poor, 26% fair, 47% good, 14% excellent. Temperatures averaged 4 degrees below normal, ranged from highs in the mid 90’s in the northwest to lows in the upper 40’s in the northeast. All Districts averaged at least a quarter inch of rain with the Southwest District averaging over one inch during the week. Red增添 Topsoil moisture 1% very short, 21% short, 69% adequate, 9% surplus. Subsoil moisture 1% very short, 20% short, 73% adequate, 6% surplus. Wheat 100% harvested, 100% 2006, 100% avg. Condition good/excellent; 92% 2006, 86% avg.; 1% very poor, 1% poor, 7% fair, 43% good, 5% excellent. Temperatures averaged 4 degrees below normal, ranged from highs in the mid 90’s in the northwest to lows in the upper 40’s in the northeast. All Districts averaged at least a quarter inch of rain with the Southwest District averaging over one inch during the week. **NEW ENGLAND:** Days suitable for fieldwork 5.3. Topsoil moisture 1% very short, 21% short, 69% adequate, 9% surplus. Subsoil moisture 1% very short, 20% short, 73% adequate, 6% surplus. Wheat 100% harvested, 100% 2006, 100% avg. Moderate temperatures helped limit stress on row crops, which remain in mostly fair to good condition. Rain is needed soon in most districts to replenish topsoil moisture. Considerable acreage of corn, soybeans, and wheat was lost in flooded areas of Bates, Vernon counties. Denitrification, pastures, soil conditions, livestock feeding, depression of pasture conditions, showers and rain in northeast, southeast districts are causing livestock producers to search out extra hay acres or begin supplemental feeding. Temperatures averaged 2 to 5 degrees below normal in most areas; average high temperatures in the mid- to upper 80’s. Rainfall averaged 0.34 inches. Activities to monitor: spraying; irrigation; 2st; 3rd cutting alfalfa, other hay harvest; care of livestock.
fruit development, but hindered dry hay production. Growers reported needing more rain and sunshine to boost crop development. Major farm activities included chopping and baling hay, harvesting strawberries, early vegetables, applying fungicides, herbicides, pruning fruit trees, mowing orchard floors, renovating strawberry beds, cultivating and weeding field crops, irrigating vegetable crops, and monitoring for pests and disease.

NEW YORK: Days suitable for field work 6.0. Topsoil moisture 10% very short, 40% short, 50% adequate. Irrigation water supply 20% short, 80% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were near, or above, normal for the week in most areas of the Garden State. Corn continued to tassel across the state. Harvest of barley and wheat neared completion. Producers continued scouting for pest, disease problems. Scattered showers were included harvesting peaches, hay, and Irish potatoes as well as field activities for this past week included spraying for Japanese beetles, cultivating and weeding field crops, irrigating vegetable crops, and mowing ditches, applying herbicides, spreading manure, and scouting. Most areas throughout the State still need more rain. Corn, late planted soybeans are showing stress from dry heat has caused small grains to mature rapidly, which will reduce its yield potential.

NEW MEXICO: Days suitable for field work 6.4. Topsoil moisture 10% very short, 30% short, 58% adequate, 2% surplus. Wind damage 10% light. Alfalfa 1% poor, 32% fair, 53% good, 14% excellent, 2nd cutting complete 83%, 3rd cutting complete 60%. Irrigated sorghum 32% fair, 60% good, 8% excellent; 1% headed. Dry sorghum 54% fair, 42% good, 4% excellent. Total sorghum 35% fair, 57% good, 8% excellent. Irrigated winter wheat 29% fair, 62% good, 9% excellent, 100% harvested. Dry winter wheat 47% fair, 53% good, 100% harvested. Total winter wheat 40% fair, 56% good, 4% excellent, 100% harvested. Chiles 9% poor, 13% fair, 7% good, 20% excellent. Cotton 16% poor, 48% fair, 34% good, 2% excellent, 81% squareing, 25% setting bolts. Corn 1% poor, 38% fair, 56% good, 5% excellent, 35% silked, 1% dough. Onions 20% poor, 30% fair, 50% good, 98% harvested. Apples 20% very poor, 10% poor, 30% fair, 25% good, 15% excellent. Pecans 1% very poor, 6% fair, 28% good, 65% excellent. Peanuts 3% poor, 78% fair, 17% good, 2% excellent, 1% peeling. Cattle conditions 1% very poor, 1% poor, 11% fair, 60% good, 27% excellent. Sheep conditions 7% very poor, 9% poor, 9% fair, 50% good, 25% excellent. Range, pasture conditions 7% very poor, 6% poor, 28% fair, 51% good, 8% excellent. Farmers spent the week cutting, bailing hay, irrigating and fertilizing crops. Ranchers are supplementing feeding and spraying mesquite bushes. Rangeland conditions are improving, but additional moisture is still needed. Warmer West and cooler East across the state. A few 100 degree days across the South. Significant rainfall from the central mountain chain East with lighter amounts West especially along I-40.

OHIO: Days suitable for field work 6.2. Topsoil moisture 39% very short, 40% short, 21% adequate, 0% surplus. Winter wheat 99% harvested, 71% 2006, 74% avg. Soybeans 64% blooming, 48% 2006, 44% avg.; 9% setting pods. 4% 2006, 5% avg. Corn silky (tasseled) 46%, 23% 2006, 23% avg. Oats 80% ripe, 45% 2006, 35% avg.; 15% harvested. 9% 2006, 6% avg. 15% 2006, 17% avg. Peaches 16% harvested, 4% 2006, 8% avg. Alfalfa hay 2nd cutting 79%, 57% 2006, 50% avg.; 3rd cutting 5%, 1% 2006, 1% avg. Other hay 2nd cutting 50%, 29% 2006, 28% avg.; 3rd cutting 1%, NA% 2006, NA% avg. Corn condition 8% very poor, 19% poor, 34% fair, 22% good, 7% excellent. Hay conditions 15% very poor, 27% poor, 39% fair, 17% good, 2% excellent. Oats condition 3% very poor, 19% poor, 35% fair, 38% good, 5% excellent. Pasture condition 28% very poor, 30% poor, 26% fair, 15% good, 1% excellent. Soybean condition 7% very poor, 18% poor, 37% fair, 32% good, 6% excellent. Last week was the tenth consecutive week with over five days favorable for field work. Field activities for this past week included cutting, baling hay, straw, and finishing the winter wheat harvest. Other field activities for the week included spraying for Japanese beetles, mowing ditches, applying herbicides, insecticides, spreading manure, tilling fields, and scouting. Most areas throughout the State still need more rain. Corn, late planted soybeans are showing stress from dry heat, high temperatures throughout the State. Corn rodent reported in the Northwest, North central districts, and leaf hopper damage reported in Alfalfa fields in the Northeast. North central district producers are applying fungicides to vine crops for downy and powdery mildew and early blight in potatoes and tomatoes.

OKLAHOMA: Days suitable for field work 5.8. Topsoil moisture 3% very short, 6% short, 52% adequate, 39% surplus. Subsoil moisture 1% very short, 6% short, 64% adequate 29% surplus. Winter wheat 19% plowed this week, 12% last week, 85% last year, 80% average. Rye 72% harvested this week, 60% last week, 100% last year, 89% avg.; 13% plowed this week, 8% last week, 91% last year, 59% average. Oats 75% harvested this week, 68% last week, 100% last year, 97% avg.; 23% plowed this week, 20% last week, 84% last year, 77% average. Corn condition 4% poor, 14% fair, 37% good, 45% excellent; 84% silking this week, 67% last week, 83% last year, 68% avg.; 29% dough this week, 20% last week, 45% last year, 39% average. Sorghum planted week, 84% last week, 100% last year, 95% avg.; 88% emerged this week, 66% last week, 89% last year, 93% average. Soybeans condition 4% very poor, 8% poor, 35% fair, 44% good, 9% excellent; seedbed prepared 93% this week, 85% last week, 100% last year, 100% avg.; 63% planted this week, 52% last week, 100% last year. 99% avg.; 56% emerged this week, 47% last week, 98% last year, 98% average. Peanuts 32% setting pods this week, 13% last week, 47% last year, 32% average. Alfalfa condition 3% very poor, 11% poor, 32% fair, 41% good, 13% excellent; 2nd cutting 82% this week, 78% last week, 98% last year, 98% avg.; 3rd cutting this week 23%, 11% last week, 60% last year, 58% average. Oat condition 1% very poor, 7% poor, 4% good, 13% excellent; 1st cutting 71% this week, 70% last week, 84% last year, 88% average. Watermelon 34% harvested this week, 28% last week, 53% last year, 34% average. Livestock condition 2% poor, 16% fair, 52% good, 30% excellent. Pasture, range condition 4% poor, 14% fair, 49% good, 33% excellent. Livestock, Pasture and Range Livestock
conditions diminished slightly this past week but were still rated in the excellent to good range. Livestock markets were average last week. Of the feeder cattle under 800 pounds, steers averaged $116 per cwt. and feeder heifers averaged $109 per cwt. Pasture conditions were also rated mostly in the excellent to good range. Weeds were growing freely in many pastures as weather conditions had prevented spraying activities.

OREGON: Days suitable for field work 6.9. Topsoil moisture 38% very short, 43% short, 19% adequate. Subsoil moisture 32% very short, 43% short, 25% adequate. Range, pasture condition 13% very poor, 27% poor, 40% fair, 19% good, 1% excellent. Winter condition 19% poor, 36% fair, 39% good, 5% adequate, 22% harvested complete, previous year 6%, 5 year average 13%. Spring wheat condition 1% very poor, 6% poor, 43% fair, 48% good, 2% excellent. Barley condition 3% very poor, 8% poor, 34% fair, 53% good, 2% excellent. Corn condition 2% poor, 8% fair, 56% good, 34% excellent. Alfalfa 2nd cutting complete 55%, previous year 75% 5 year average 15%. Weather It remained very hot, dry this past week across the State with many high temperatures over 100 degrees. The high temperatures ranged from 105 degrees in Ontario down to 69 degrees in Crescent City. Twenty-two out of the forty-three stations recorded temperatures in the triple digits. Low temperatures ranged from 62 degrees in Ontario down to 33 degrees in The Dalles area. Rainfall was again very minimal throughout the State. Grants Pass recorded 0.31 inches of precipitation, while twenty-four out of the forty-three stations received no precipitation at all. Field Crops Active seed harvest throughout Oregon. Harvest conditions great, yields were mixed. The yields were generally average or slightly below. Maturity is early with little rust in red clover. The high temperatures and lack of moisture mean mostly any grass that can be cut is cut. However, some areas report various challenges such as the hot, dry weather, some damage on down hay due to thundershowers. Wheat harvest reported from starting to getting into full swing. Yields looked to be near average. With high temperatures, irrigators were struggling to keep up with field crop needs. Vegetables Sweet corn has put on substantial growth, was even reported to have started to tassel in Jackson County, was just about ready to tassel in Washington County. Early varieties of potatoes were blooming in Klamath County. It was reported that carrot seed pollination is going very well in Jefferson County, even though the temperatures have been a bit high for optimal pollination. Vegetable farmers were keeping busy with plenty of irrigation, a lot of weeding. Fruits, Nuts Plums, peaches were ripening in Benton, Linn, Lane counties. Blackberries, blueberries were looking nice, big. Pears were showing a lot of scab. Tart cherry harvest started this past week in Yamhill County. Cherry harvest was ongoing in the lower, middle Hood River Valley, go underway in Parkdale. Sweet cherry harvest was winding down in The Dalles area, orchard cleanup was underway. Filberts were sizing, filling, walnuts were developing in Washington County. Some hazelnut growers applied filbert worm control spray this past week in Yamhill County. Nurseries, Greenhouses Nurseries kept busy with watering, topKeep conditions 1%, very poor, 39%, fair, 37%, excellent, 1% harvested, 10% 2006, 4% avg. Corn silked (tasseled) 99%, 98% 2006, 96% avg. Corn doughed 65%, 76% 2006, 70% avg. Corn matured 1%, 5% 2006, 10% avg. Soybeans emerged 99%, 98% 2006, 98% avg. Soybeans bloomed 15%, 26% 2006, 21% avg. Soybeans pods set 4%, 5% 2006, 6% avg. Sorghum headed 64%, 63% 2006, 69% avg. Sorghum turned color 26%, 27% 2006, 37% avg. Oats harvested 100%, 99% 2006, 99% avg. Tobacco topped 72%, 96% 2006, 89% avg. Tobacco harvested 9%, 15% 2006, 15% avg. Hay, other hay 60%, 59% 2006, 59% avg. Peaches harvested 53%, 53% 2006, 48% avg. Snapbeans, fresh harvested 96%, 99% 2006, 97% avg. Cucumbers, fresh harvested 100%, 100% 2006, 99% avg. Watermelons harvested 70%, 74% 2006, 74% avg. Tomatoes, fresh harvested 89%, 82% 2006, 88% avg. Cantelopes harvested 84%, 87% 2006, 81% avg.

SOUTH DAKOTA: Days suitable for fieldwork 6.7. Topsoil moisture 10% very short, 44% short, 44% adequate, 2% surplus. Subsoil moisture 10% very short, 24% short, 61% adequate, 5% surplus. Winter wheat 100% turning color, 100% 2006, 100% avg. Red clover 94% 2006, 66% avg.; 2% very poor, 5% poor, 18% fair, 50% good, 25% excellent. Barley 79% turning color, 82% 2006, 57% avg.; 18% ripe, 27% 2006, 12% avg.; 1% harvested, 4% 2006, 4% avg.; 1% very poor, 2% poor, 15% fair, 53% good, 29% excellent. Oats 87% turning color, 81% 2006, 63% avg.; 42% ripe, 38% 2006, 21% avg. Spring wheat 82% turning color, 90% 2006, 69% avg.; 15% very poor, 6% poor, 27% fair, 52% good, 11% excellent. Hay, other hay 77% harvested, 79% 2006, 68% avg. Feed supplies 1% very short, 9% short, 82% adequate, 8% surplus. Stock water supplies 11% very poor, 4% 2006, 17% average. Condition 1% poor, 9% fair, 71% good, 19% excellent. Sheep condition 1% poor, 6% fair, 62% good, 31% excellent. Dry conditions have reduced soil moisture, stressed some crops, and allowed fieldwork to continue unhindered. The southwest part of the state continues to be dry, and the eastern part of the state is beginning to show some drought stress.

TENNESSEE: Days suitable for fieldwork 6. Soil moisture 31% very short, 38% short, 31% adequate. Subsoil moisture 45% very short, 38% short, 19% adequate. Tobacco 11% topped, 11% 2006, 11% avg.; 7% very poor, 15% poor, 44% fair, 32% good, 2% excellent. Hay 31% very poor, 32% poor, 33% fair, 4% good. Pastures 35% very poor, 31% poor, 28% fair, 6% good. Scattered showers, thunderstorms, cooler temperatures during the past week helped boost crops and pastures conditions in many areas. A more general rain will be needed, however, for conditions to rebound from the prolonged hot, dry weather. Some areas received substantial amounts of precipitation last week, while others were relatively dry. Tobacco producers were busy scouting fields, topping, and applying sucker control. Black Shank has shown up in many tomato fields with mildew mines more severe than in previous years. Tomato and vegetable harvest was in full swing. Other activities included applying pesticides, marketing cattie. Both temperatures, rainfall across the State averaged below normal last week. The only exception was in the southwest portion of the State, which had very unusual rainfall.

TEXAS: Soil moisture was adequate in most areas of the state; however, a surplus of soil moisture was reported in East Texas Statewide, com condition was mostly good to excellent. Cotton
condition was mostly fair to good. Peanut condition was mostly fair to good. Rice condition was mostly fair to good. Sorghum condition was mostly good to excellent. Soybean condition was mostly good to excellent. Wheat condition was mostly good to excellent. oat condition was mostly fair to good. Range, pasture condition was mostly good to excellent. Winter rye condition was somewhat prevalent most regions of the state, allowing farmers to resume the harvest of wheat. Wet soils have continued to cause harvesting problems in East Texas. Some disease problems in vegetables were reported in North East Texas due to excessive moisture and humidity. Range, pasture conditions continued to improve due to recent moisture. Haying and bailing resumed in most areas as weather permitted. livestock remained in good to excellent condition in most areas of the state.

UTAH: Days suitable for field work 7. Subsoil moisture 24% very short, 45% short, 31% adequate, 0% surplus. Irrigation water supplies 24% very short, 40% short, 36% adequate, 0% surplus. Winter wheat 12% harvested, 90% 2006, 11% avg.; condition 4% very poor, 6% poor, 41% fair, 41% good, 8% excellent. Spring wheat 100% headed, 99% 2006, 95% avg.; 1% harvested, 3% 2006, 4% avg.; 4% very poor, 21% poor, 41% fair, 29% good, 5% excellent. barley 97% headed, 99% 2006, 98% avg.; harvested (grain) 2%, 10% 2006, 6% avg.; condition 0% very poor, 2% poor, 31% fair, 53% good, 14% excellent. Oats 82% headed, 83% 2006, 81% avg.; harvested (grain) 26%, 45% 2006, 33% avg.; harvested for Hay or Silage 47%, 67% 2006, 65% avg.; Corn silked (tasseled) 23%, 16% 2006, 6% avg.; 0% drought, condition 0% very poor, 1% poor, 24% fair, 60% good, 15% excellent. Corn height 52 inches, 54 inches 2006, 43 inches avg. Alfalfa hay 2nd cutting 56%, 55% 2006, 45% avg.; 3rd cutting 1%, 2% 2006, 2% avg. Other hay cut 80%, 71% 2006, 76% harvested from 24% 16%, 2006, 4% avg. Cattle and calves conditions 0% very poor, 2% poor, 23% fair, 65% good, 10% excellent; condition 0% very poor, 0% poor, 17% fair, 77% good, 6% excellent. Stock water supplies 12% very short, 40% short, 48% adequate, 0% surplus. Apricots 82% harvested, 55% 2006, 61% avg. Sweet cherries 88% harvested, 84% 2006, 88% avg. Tart cherries 54% harvested, 34% 2006, 36% avg. Hot, dry weather continues to be a major concern for farmers and ranchers in Utah. There were scattered thunderstorms across the State but only small accumulations of precipitation. Irrigation water is being limited in many areas. Statewide, irrigation water supply 24% very short, 40% short, 36% adequate, 0% surplus. Barley 94% heading, 97% 2006, 95% avg.; 80% boot, 91% 2006, 82% avg.; 6% headed, 10% 2006, 5% avg.; 1% harvested, 82% 2006, 82% avg.; 51% turning color, 59% 2006, 44% avg.; 17% mature, 18% 2006, 9% avg.; condition 3% poor, 40% fair, 55% good, 2% excellent. Oats 95% jointed, 100% 2006, 96% avg.; 88% boot, 97% 2006, 88% avg.; 73% headed, 72% 2006, 64% avg.; 39% turning color, 3%, 2006, 10% 2006, 2% avg.; 7% headed, 1% harvested, 4% 2006, 1% avg.; condition 1% poor, 38% fair, 56% good, 5% excellent. Sugarbeets condition 35% fair, 65% good. Spring wheat 95% boot, 99% 2006, 91% avg.; 65% headed, 81% 2006, 74% avg.; 35% turning color, 40% 2006, 32% avg.; 9% mature, 4% 2006, 11% avg.; condition 46% fair, 55% good, 4% excellent. Corn 45 inches and taller, 55 inches 2006, 37 inches avg.; 4% tasseled, 34% 2006, 5% avg.; condition 1% poor, 31% fair, 68% good. Dry beans 39% bloom; 37% 2006, 33% avg.; 7% setting pods, 16% 2006, 9% avg.; condition 46% fair, 54% good. Alfalfa hay 1st cutting 93%, 95% 2006, producers continue to irrigate where possible. Cantaloupes, tomatoes, peppers, sweet corn, and potatoes continue to be harvested. Other activities this week include replanting soybeans, spraying soybeans, making hay, crop scouting, and peanut cultivating.

WASHINGTON: Days suitable for fieldwork 7. Soil moisture 26% very short, 41% short, 35% adequate, no surplus. Whitman County spring wheat was stressed, suffering from the heat. Average to below average yields have been reported by Walla Walla County, but protein levels seemed good. Hot weather continued causing additional yield reductions in spring planted crops as well as winter crops. Dry edible peas were suffering from the heat, potatoes continued in bloom. Some communities reported significantly reduced hay yields, but in general the quality of first cutting of hay was good due to the heat and lack of rain. Insect, late season weed control for Christmas tree acreage was underway. Yakima County reported that harvest of later cherry varieties continued in the upper Yakima Valley, apple thinning progressed as well. Growers were preparing to color-pick early maturing peaches and nectarines. Growers reported good to excellent crops. Some growers reported recordSetting yields, but turkey producers are being faced with the task of finding supplemental feed sources as hay supplies lessen. Corn continues to tassel and silk in many areas. peanuts continue to be harvested. Cantaloupes, tomatoes, peppers, sweet corn, and potatoes continue to be harvested. Other activities this week include replanting soybeans, spraying soybeans, making hay, crop scouting, and peanut cultivating.

WYOMING: Days suitable for fieldwork 6.2. Topsoil moisture 16% very short, 48% short, 30% adequate, 0% surplus. Oats 3% headed, condition 1% very poor, 5% poor, 24% fair, 57% good, 13% excellent. Average height of corn at record 69 inches, 20% silked, 0% drought, condition 2% very poor, 8% poor, 22% fair, 48% good, 20% excellent. Soybeans 51% bloomed, 6% setting pods, condition 2% very poor, 5% poor, 21% fair, 49% good, 22% excellent. Pea pods complete 64%. Winter wheat 21% harvested, condition 1% very poor, 3% poor, 26% fair, 51% good, 19% excellent. Pasture conditions 15% very poor, 25% poor, 35% fair, 23% good, 2% excellent. Rainfall totals ranged from 0 inches in La Crosse to 1.34 inches in Green Bay last week. High temperatures reached the 90s across the state, while lows ranged from the high 40s to mid 50s. Average temperatures were 0 to 2 degrees below normal.

VIRGINIA: Days suitable for fieldwork 6.5. Topsoil moisture was generally very short. Scattered showers continued to help some areas while other locations remained dry. Regionwide, dry weather is continuing to show signs of stress with minimal growth occurring. Livestock producers are being faced with the task of finding supplemental feed sources as hay supplies lessen. Corn continues to tassel and silk in most areas. Concern is beginning to develop as dry conditions, high temperatures reach levels that could cause significant damage to small grains. Full season soybeans remain green, healthy as double cropped soybeans suffer from the dry conditions; lack of germination, emergence has been reported in some areas. Tobacco producers continue topping their crop with pulling also occurring in some areas. Cotton, peanuts are growing at reduced rates due to dry conditions. Vegetable
85% avg.; alfalfa 2nd cutting 6%, 10% 2006, 4% avg.; Other hay 1st cutting 45%, 38% 2006, 36% avg. Range and pasture conditions 5% very poor, 16% poor, 45% fair, 29% good, 5% excellent. Livestock conditions 20% fair, 77% good, 3% excellent.