ALABAMA: Days suitable for fieldwork 3.1. Topsoil 0% very short, 0% short, 44% adequate, 56% surplus. Corn 84% silked, 77% 2002, 81% avg.; 1% very poor, 2% poor, 14% fair, 44% good, 39% excellent. Soybeans 89% planted, 99% 2002, 98% avg.; 82% emerged, 88% 2002, 90% avg.; 0% very poor, 3% poor, 35% fair, 57% good, 5% excellent. Winter wheat 4% very poor, 9% poor, 60% fair, 20% good, 7% excellent. Pasture feed 1% very poor, 1% poor, 15% fair, 52% good, 31% excellent. Livestock condition 1% very poor, 2% poor, 18% fair, 52% good, 27% excellent. Tropical storm Bill dumped large amounts of rain on much of the state, causing ponding in some fields. Farmers have begun harvesting their second cutting of hay.

ALASKA: Days suitable for fieldwork 5.0. Topsoil 45% short, 55% adequate. Subsoil 55% short, 45% adequate. Daytime high temperatures varied from the mid-sixties to low eighties. Lows were in the high thirties to fifty degrees. Barley 40% headed, 30% poor, 50% fair, 20% good. Oat 20% headed, 20% poor, 40% fair, 40% good. Potatoes 90% emerged, 5% poor, 25% fair, 65% good, 5% excellent. Hay 50% harvest, 5% poor, 45% fair, 45% good, 5% excellent.

ARIZONA: Temperatures for the State were above average for the week. Cotton 69% squaring, 96% 2002, 92% 5-yr avg.; 27% setting bolls, 53% 2002. Alfalfa conditions were mostly good, with harvest progressing at a normal rate. Small grain development still remains behind normal. Precipitation was reported at 1 of the 17 reporting stations with 0.01 inches. Range, pasture feeds have not improved.

ARKANSAS: Days suitable for fieldwork 6. Soil 2% very short, 26% short, 66% adequate, 6% surplus. CROPS: The main activities of the week were irrigating crops, finishing wheat harvest, planting double cropped soybeans. In the eastern portion of the state, blast in numerous grain fields was reported. Farmers are applying mid-season nitrogen on rice, applying herbicides in soybean, rice fields. Soybeans are being sprayed, cotton is being side dressed. Peaches, blackberries, watermelons are being harvested. Livestock were reported to be in good condition. When weather permits, producers are continuing to harvest hay, harvest feedseeds, control weeds in pastures, hay meadows.

CALIFORNIA: Recent hot weather has been very beneficial for the growth of all row crops. The first cotton blooms of the season were reported in several locations. Fields were cultivated, irrigated, fertilized, treated to control weeds, mites. Harvesting of wheat, oats, barley, and grain for certified seed continued in many areas. The effects of stripe rust continued to appear in winter wheat fields. Durum varieties have shown average protein levels, above average yields. Straw in harvested grain fields was baled, stacked. Harvested fields were disced in preparation for double cropping or planting of next season’s crop. Seed alfalfa, alfalfa hay fields showed rapid development, with many alfalfa seed fields still in bloom. Alfalfa hay was cut, windrowed, baled, stacked. Fields continued to be irrigated, treated with pesticides to control army worm. Corn planting continued. Several fields of corn grown for grain and silage were harvested. Unharvested corn fields were growing rapidly, being cultivated, irrigated, treated with pesticides to control mites. Steady development continued in rice fields, as aerial herbicide treatments continued. Early-planted fields of blackeye beans were being treated for lygus. Harvesting of garbanzo beans was underway, with acceptable yields reported to date. Many safflower fields were in full bloom; other fields continued drying for harvest. Harvesting of potatoes was ongoing. Harvesting of stone fruit orchards continued at a steady pace across the State. Varieties harvested included Patterson apricots, Saturn, Babcock peaches, Santa Rosa, Black Amber plums, Arctic Rose, Arctic Jay nectarines. Tree fruits and fruits in flower continued to be sprayed, treated for insect control. Field work in raisin, wine, table grape vineyards included cane cutting, irrigation, cultivation, fumigation, treatments to control insect pests, diseases. Flame Seedless grapes were harvested in southern portions of Kern County. Pomegranates continued to size rapidly in the warm weather, were irrigated. Harvesting of boysenberries, raspberries, blueberries, and figs continued in the San Joaquin Valley. A few fields of strawberries were harvested in northern parts of the State. Olive orchards were treated to control olive fruit flies. The olive crop appeared light in some areas. Citrus orchards were irrigated, treated to control insect pests. Late variety Navel orange harvesting was nearly finished for the season. Some areas indicated a light fruit set for next season’s Navel crop. Some areas experienced problems with re-greening of Valencia oranges. Lemon, grapefruit harvesting continued. The almond crop continued to mature steadily. Hull split was reported in a few orchards in the Sanger District. Heavily laden branches in many almond orchards required props for support. Walnut, pistachio orchards continued to show good crop development. Irrigation, weed control treatments continued in many tree nut orchards. Growers treated pecan trees for aphids, walnut trees for codling moths, mites. Most summer vegetables continued to thrive under ideal weather conditions. Fields of seed lettuce were being planted. Bell pepper, watermelon planting was completed. The bloom stage on the second planting of eggplant was hindered by the hot weather. Some tomato growers were spraying for worms, aphids. Melon fields were treated for mites, aphids. Some tomatoes, onions, peppers were being picked. Onion harvesting in the Stockton area was mostly completed. Harvesting of garlic for processing, fresh market use continued. Harvested onions, garlic were rolled, drying or bagged for curing. The sweet corn harvest continued, with good crop quality noted. Harvesting of honeydew and mixed melons fields was underway. Cantaloupe, watermelon harvesting commenced in the San Joaquin Valley. Cucumber, zucchini squash harvesting began. The following vegetables were also harvested: artichokes, basil, broccoli, cabbage, carrots, cauliflower, celery, green onions, bell peppers, hot peppers, parsley, processing tomatoes, spinach. Most cattle have been shipped from dry foothill pastures. A few beef cows remained on dry pastures in some areas. Due to an excellent winter pasture season, an abundance of dry grass, fire danger was high, particularly in Northern state. Higher elevation summer pastures were in good condition after timely rains in April, May. Most summer pastures were fully stocked. Sheep grazed in fallow fields, harvested grain fields in the central, northern areas. Bees were active in melon, vegetable, seed fields. Hot weather slowed poultry, milk production

COLORADO: Days suitable for fieldwork 6.7. Top soil 11% very short, 27% short, 61% adequate, 1% surplus. Subsoil 17% very short, 35% short, 48% adequate, 0% surplus. The majority of state experienced hot, dry conditions for the week. A few areas received scattered showers along the Front Range, eastern plains, but windy conditions prevented much soil moisture improvement. Spring wheat 95% headed, 92% 2002,
days suitable for field work 6.9. Topsoil 15% very short, 39% short, 44% adequate, 2% surplus. Irrigation Water Supply is 4% very poor, 12% poor, 47% fair, 35% good, 2% excellent. Potatoes 12" high, 91%, 75% 2002, 70% avg.; Closing Middles 63%, 36% 2002, 32% avg.; 0% very poor, 1% poor, 4% fair, 74% good, 21% excellent. Cherries 60% Harvested, 79% 2002, 45% avg. Winter Wheat 98% Headed, 98% 2002, 95% avg.; 33% Turning Color, 18% 2002, 25% avg. Spring Wheat 99% Jointed, 100% 2002, 98% avg.; Baled 90%, 95% 2002, 85% avg. Barley 99% Jointed, 100% 2002, 97% avg.; Baled 87%, 90% 2002, 82% avg. Alfalfa Hay 1st cutting harvested 94%, 91% 2002, 89% avg.; 2nd Cutting harvested 24%, 18% 2002, 19% avg. Activities: Cutting hay, harvesting cherries, controlling weeds, spraying insects, cultivating, irrigating.
Kansas: Topsoil 3% very short, 41% short, 55% adequate, 1% surplus. Subsoil 5% very short, 36% short, 59% adequate. Range pasture feed 7% very poor, 16% poor, 37% fair, 34% good, 6% excellent. Warm weather has cleared up wet weather fungus which reduced some cotton stands, caused some abandonment. statewide, about 8% of the cotton is squaring. Cotton 2% very poor, 8% poor, 31% fair, 50% good, 9% excellent.

Kentucky: Days suitable for fieldwork 6.0. Topsoil 1% very short, 21% short, 72% adequate, 6% surplus. Subsoil 9% short, 84% adequate, 7% surplus. Scattered showers fell across the state this week, with most areas receiving little or no rain except in southeast. Farmers need more rain. The top agricultural activities were combining wheat, baling hay, clipping pastures, the cultivation of tobacco, and spraying for weeds. Corn 1% very poor, 7% poor, 25% fair, 43% good, 24% excellent; 50% silked or silking was. Soybean 1% very poor, 3% poor, 21% fair, 51% good, 24% excellent; 96% planted, 57% emerged, 5% blooming. burley tobacco height was 59 inches, 32% 12-24 in., 9% over 24 in. The condition of tobacco 1% very poor, 11% poor, 32% fair, 44% good, 12% excellent. The most common problem reported was the appearance of black shank in all state districts. winter wheat harvest 92% complete. Harvesting of hay continued to be one of the major farming activities this week. Pasture feed 1% very poor, 4% poor, 19% fair, 54% good, 22% excellent.

Louisiana: Days suitable for fieldwork 3.7. Soil 10% short, 52% adequate, 38% surplus. Corn 2% poor, 19% fair, 57% good, 22% excellent; 57% dough stage, 38% last week, 76% 2002, 83% avg.; 5% mature, 1% last week, 7% 2002, 13% avg. Hay 96% 1st cutting, 93% last week, 98% 2002, 96% avg.; 17% 2nd cutting, 9% last week, 18% 2002, 16% avg. Peaches 58% harvested, 45% last week, 54% 2002, 68% avg. Sorghum 100% emerged, 99% last week, 100% 2002, 100% avg.; 7% coloring, 0% last week, 6% 2002, 5% avg. Soybeans 96% planted, 88% last week, 99% 2002, 99% avg.; 17% setting pods, 5% last week, 18% 2002, 26% avg. Sugarcane 6% very poor, 11% poor, 37% fair, 35% good, 11% excellent. Sweet potatoes 85% planted, 80% last week, 95% 2002, 98% avg. Livestock 4% poor, 25% fair, 62% good, 9% excellent. Vegetables 5% very poor, 16% poor, 32% fair, 37% good, 10% excellent.

Maryland: Days suitable for fieldwork 5.0. Topsoil 2% short, 74% adequate, 24% surplus. Subsoil 75% adequate, 25% surplus. Corn 34% 2002, 25% avg. Soybeans 59% planted, 93% 2002, 88% avg.; 7% very poor, 17% poor, 44% fair, 25% good, 7% excellent. Sorghum 8% very poor, 8% poor, 37% fair, 38% good, 9% excellent. Barley 79% harvested, 99% 2002, 97% avg. Snap Beans 7% harvested, 44% 2002 27% avg. Hay supplies 17% very short, 36% short, 46% adequate, 1% surplus. Other Hay 2nd cutting 23%, 35% 2002, 38% avg. Alfalfa Hay 2nd cutting 33%, 87% 2002, 68% avg. winter Wheat 29% harvested, 85% 2002, 68% avg. Pasture feed 3% very poor, 6% poor, 25% fair, 41% good, 25% excellent. Tobacco condition 11% poor, 53% fair, 36% good. Snap beans 7% harvested, 44% 2002, 27% avg. Sweet corn 6% harvested, 13% 2002, 12% avg. Warm temperatures, a few scattered thunderstorms characterized the area this week. The main focus was on the soybean harvest, a small grain harvest. Farmers are harvesting their second cutting of hay, quality looks good. Barley, wheat are being harvested. Test weights indicate a lower than normal yield. A small amount of peaches, cucumbers, snap beans, sweet corn, potatoes are being harvested. Over half of the soybeans have been planted.

Michigan: Days suitable for fieldwork 6.0. Topsoil 11% very short, 37% short, 45% adequate, 7.0% surplus. Subsoil 14% very short, 34% short, 50% adequate, 2.0% surplus. All Hay 1st cutting 94%, 90% 2002, 91% avg.; 2nd cutting 14%, 19% 2002, 16% avg. Corn height single 23 in, 27 in 2002, 33 in avg. Dry beans 100% planted, 100% 2002, 99% avg.; 96% emerged, 93% 2002, 94% avg.; 0% blooming, 1.0% 2002, 1.0% avg. Oats 4.0 turning yellow, 18% 2002, 33% avg.; 70% headed, 87% 2002, 90% avg. Strawberries 91% harvested, 89% 2002, 98% avg. Tart Cherries 16% harvested, NA 2002, NA avg. Winter Wheat 83% turning yellow, 86% 2002, 93% avg.; 1.0% ripe. Temperatures ranged from 2° above to transitional weather in southeastern Michigan, with 3° below normal Upper Peninsula. Storms moved across State over weekend, but rainfall amounts varied greatly by location. Precipitation amounts ranged from 0.25 inches northwest Lower Peninsula to 1.27 inches central Lower Peninsula. Some districts getting very short of moisture, other parts of State happy for heat units received last week. Cumulative growing degree days (GDDs) still behind normal across much of State. Warm, dry conditions are still conducive to growth good, but rains will be needed soon to maintain progress. Soybeans also responded to favorable growing conditions. Soybeans had laged some their development, but this week helped as blooming began. wheat maturing rapidly. Nearly two-thirds of State’s acreage turning yellow. Sugarbeets showed good progress with foliage developing well. In Thumb, some dry beans being sprayed for leafhoppers. The second cutting of hay had started and appeared to be short. Alfalfa field needed of rain. Apples continued to size well across State. Fruit drop continued. Fire blight severe some blocks southwest. Cudling moth flight decreased, signaling end of first generation flight. Peaches sizing well. Growers still hand thinning. Pits beginning to harden southwest. Tart cherries full red southwest, harvest began. Some loss incurred due to high winds associated with heavy thunderstorms last week. Tart cherry yellows leaf drop reported west central, southwest. Sweet cherry harvest continued. Birds, raccoons eating ripening fruit; European plum drop heavy southwest. Blueberry harvest early varieties continued southwest. Coloring continued on mid-season varieties. Cane death associated with winter injury continued. Grapes sizing nicely southwest. Growers applied post bloom sprays. Downy mildew, powdery mildew reported some vineyards. Strawberry harvest completed at most farms south. A few farms still picking on a limited basis. Early red raspberry harvest began southwest. Birds eating ripening fruit. Cranberry hips continued. Vegetable producers reported mostly good crop progress last week. Dry weather across much of State had many producers irrigating on a regular basis. Tomatoes growing well. Tying of plants continues. Zucchini harvest picking up most districts. Pepper transplanting complete, some plantings at early flower. Early sweet corn several districts at tassel emergence. Snap bean planting progressing, near completion west central. Some producers spinach harvest, both due to dry weather. European plum drop. Carrots showing good root development. Some fields being treated for aster leafhopper. Onions just beginning to bulb southeast. Potatoes looking good, bloom southwest. First plantings of cabbage being harvested, but some cabbage worm problems reported. Cucumbers from tunnels being harvested.

Minnesota: Days suitable for fieldwork 4.4. Topsoil 0% very short, 5% short, 74% adequate, 21% surplus. Corn 41 in. height, 40 in. 2002, 40 in. avg. Soybeans 12 in. height, 12 in. 2002, 12 in. avg. Spring Wheat 99% jointed, 91% 2002, 94% avg.; 2% turning ripe, 1% 2002, 3% avg. Oats 99% jointed, 96% 2002, 97% avg.; 4% turning ripe, 10% 2002, 12% avg. Barley 99% jointed, 94% 2002, 95% avg.; 5% turning ripe, 4% 2002, 3% avg. Alfalfa 57% 1st cutting, 89% 2002, 95% avg. Pasture feed 1% very poor, 4% poor, 21% fair, 64% good, 10% excellent. Sugarbeets 1% very poor, 2% poor, 21% fair, 42% good, 34% excellent. Dry Beans 2% very poor, 7% poor, 30% fair, 49% good, 12% excellent. Canola 0% very poor, 0% poor, 4% fair, 71% good, 25% excellent. Potatoes 1% very poor, 2% poor, 17% fair, 42% good, 36% excellent. Sunflowers 1% very poor, 5% poor, 30% fair, 8% good. Wheat 56% good, 4% excellent. Warm, dry weather early in the week was ideal or close to ideal for crop growth, but a number of storm systems that passed through parts of the state at the end of the week were slowing fieldwork. The wet conditions are hindering crop spraying, other field activities. The statewide average temperature was 72.0°, which is 3.2° above normal.
MISSISSIPPI: Days suitable for fieldwork 3.3. Soil 4% short, 42% adequate, 54% surplus. Corn 93% silked, 90% 2002, 94% avg.; 63% dough, 51% 2002, 64% avg.; 18% dent, 16% 2002, 26% avg.; 2% silage harvested, 7% 2002, 3% avg.; 1% very poor, 1% poor, 16% fair, 52% good, 28% excellent. Cotton 77% squaring, 80% 2002, 92% avg.; 35% setting bolls, 38% 2002, 45% avg.; 2% very poor, 6% poor, 18% fair, 53% good, 21% excellent. Rice 10% heading, 6% 2002, 9% avg.; 3% poor, 17% fair, 63% good, 17% excellent. Sorghum 54% heading, 47% 2002, 52% avg.; 25% fair, 52% good, 12% excellent. Tobacco 95% transplanted, 100% 2002, 100% avg.; 65% good, 20% excellent. Rhodel Island Potatoes condition good/excellent. Minnesota Potatoes condition good. Maine Potatoes 100% emerged, 100% 2002, 100% avg.; condition good/excellent. Rhode Island Potatoes condition good/excellent. Massachusetts Potatoes condition good. Maine Barley condition good/excellent. Field Corn 95% planted, 99% 2002, 99% avg.; 90% emerged, 95% 2002, 95% avg.; condition good/fair. First Crop Hay 75% harvested, 75% 2002, 80% avg.; condition good/fair. Second Crop Hay 5% harvested, 20% 2002, 15% avg.; condition good. Shade Tobacco 95% transplanted, 100% 2002, 99% avg.; condition good/fair. Sweet Corn 95% planted, 99% 2002, 99% avg.; 85% emerged, 95% 2002, 95% avg.; condition good/fair. Apples: condition fair/good. Peaches: condition good/fair. Pears: condition good/fair. Strawberries: 60% harvested, 70% 2002, 80% avg.; condition good/fair. Massachusetts Cranberries: Full Bloom Stage, condition good. Highbush Blueberries: condition good/fair. Maine Wild Blueberries: condition good. Above average temperatures prevailed last week. Scattered thunderstorms occurred, particularly in northern state. The region went from cool, wet conditions to very hot, dry over a period of two weeks. Crops have been responding nicely to heat, but they need moisture soon. Activities: Planting vegetables, sweet corn, field corn; transplanting broadleaf tobacco; cutting haylage, making dry hay; harvesting strawberries; spreading manure; mowing; cultivating; hillling potatoes; irrigating; top-dressing, side-dressing fields with fertilizer; monitoring fields; applying herbicides, insecticides, fungicides.

MISSOURI: Days suitable for fieldwork 6.0. Topsoil 6% very short, 34% short, 59% adequate, 1% surplus. The dry, sunny weather was favorable for wheat harvesting, haying. The outlook for crop rows continues favorable but rain will be needed soon for continued growth, development as well as ensure thorough pollination in corn. Corn silking ranges from 10% in the northeast district to 95% in the southeast. Soybeans at 5% blooming are a few days behind normal due to planting getting started later than normal. Wheat harvesting ranges from 57% complete northeast districts, to 95% across the central third of the State and 99% in the southeast district.. Corn silking ranges from 10% in the northeast district to 95% in the southeast. Corn silking ranges from 10% in the northeast district to 95% in the southeast.. Corn silking ranges from 10% in the northeast district to 95% in the southeast. Corn silking ranges from 10% in the northeast district to 95% in the southeast. Corn silking ranges from 10% in the northeast district to 95% in the southeast.

MONTANA: Days suitable for fieldwork 6.9. Topsoil 20% very short, 41% short, 39% adequate, 0% surplus. Subsoil 26% very short, 39% short, 35% adequate, 0% surplus. Weather conditions for the week were above normal temperatures with very little rain across the state with the exception of the Northeast. Barley boot stage 79%, 49% headed, 3% very poor, 9% poor, 25% fair, 47% good, 16% excellent. Alfalfa 1st cutting of 72% harvested, 52% of other hay has been cut. Oat 82% entering the boot stage, 45% headed, stage 4% very poor, 4% poor, 23% fair, 55% good, 17% excellent. Spring wheat 82% in the boot stage, 43% head, 3% very poor, 7% poor, 30% fair, 56% good, 5% excellent. Winter wheat 65% turned, 5% very poor, 11% poor, 33% fair, 40% good, 11% excellent. Livestock, Pasture, Range feeds 6% very poor, 16% poor, 36% fair, 36% good, 6% excellent.

NEBRASKA: Days suitable for fieldwork 6.4. Topsoil 1% very short, 30% short, 64% adequate, 5% surplus. Subsoil 10% very short, 35% short, 53% adequate, 2% surplus. Weather conditions for the week were above normal in most areas, a few degrees above normal in the Las Vegas area. Precipitation was nil. Warm weather spawned crop growth. The weather was excellent for having; first cutting of alfalfa hay was winding up, second cutting was accelerating. Haying of meadow grass, grains continued. Corn, onion, cantaloupe fields were being cultivated for weed control. Irrigation water was cut off garlic fields in preparation for harvest. Ranges, pastures were drying seasonally. Livestock movement was limited, although some veering cattle were marketed. Grasshopper, Mormon cricket infestations continued to plague some northern state ranges. Activities: Haying, irrigating, weed control, bating grasshoppers, crickets.

NEW ENGLAND: Days suitable for field work 6.7. Topsoil 12% very short, 25% short, 59% adequate, 4% surplus. Subsoil 11% very short, 22% short, 65% adequate, 2% surplus. Pasture feed 0% very poor, 2% poor, 21% fair, 69% good, 8% excellent. Maine Potatoes 100% emerged, 100% 2002, 100% avg.; condition good/excellent. Rhode Island Potatoes condition good/excellent. Massachusetts Potatoes condition good. Maine Barley condition good/excellent. Field Corn 95% planted, 99% 2002, 99% avg.; 90% emerged, 95% 2002, 95% avg.; condition good/fair. First Crop Hay 75% harvested, 75% 2002, 80% avg.; condition good/fair. Second Crop Hay 5% harvested, 20% 2002, 15% avg.; condition good. Shade Tobacco 95% transplanted, 100% 2002, 99% avg.; condition good/fair. Sweet Corn 95% planted, 99% 2002, 99% avg.; 85% emerged, 95% 2002, 95% avg.; condition good/fair. Apples: condition fair/good. Peaches: condition good/fair. Pears: condition good/fair. Strawberries: 60% harvested, 70% 2002, 80% avg.; condition good/fair. Massachusetts Cranberries: Full Bloom Stage, condition good. Highbush Blueberries: condition good/fair. Maine Wild Blueberries: condition good. Above average temperatures prevailed last week. Scattered thunderstorms occurred, particularly in northern state. The region went from cool, wet conditions to very hot, dry over a period of two weeks. Crops have been responding nicely to heat, but they need moisture soon. Activities: Planting vegetables, sweet corn, field corn; transplanting broadleaf tobacco; cutting haylage, making dry hay; harvesting strawberries; spreading manure; mowing; cultivating; hillling potatoes; irrigating; top-dressing, side-dressing fields with fertilizer; monitoring fields; applying herbicides, insecticides, fungicides.

NEW JERSEY: Days suitable for field work were 7.0. Top soil 57% short, 43% adequate. There were measurable amounts of rainfall during the week over most of the state. Temperatures were above normal in most areas for the week. Activities: Irrigating, planting soybeans, harvesting wheat, cutting hay, side-dressing fertilizer, spraying pesticides, herbicides, cultivating. Small grains, hay crops were rated fair to good. Some emerged corn stalks displayed nitrogen deficiencies due to heavy rainfall during June. Peach plants were grown in good to fair condition. Tomato plants displayed noticeable leaf area in areas in the north. Small quantities of tomatoes were harvested in the south. Peppers planted under high tunnel plastic were harvested. Peppers planted in low spots were flooded out by heavy rains. Spring snap bean harvest began. Blueberry harvest activities continued in the central, south. Cranberry plants displayed good growth. Very early varieties of peaches were picked.

NEW MEXICO: Days suitable for fieldwork 7.0. Topsoil 56% very short, 26% short, 18% adequate. High pressure aloft over the northwest part of the state resulted in hot daytime temperatures, limited afternoon, evening thunderstorms to the mountain regions. Most thunderstorms generated little rainfall but rather gusty winds, lightning. Scattered significant moisture from storms was reportedly limited to the Gila region, from the Sacramento Mountains to adjacent west slopes. There was some damage to cotton due to hail. Hail damage was 1% light and 1% severe. Wind damage was 13% light. Farmers spent the week irrigating, weeding, baling alfalfa, 83% 2nd cut, 29% 3rd. Alfalfa conditions were listed as mostly fair to good. Corn conditions reported in mostly fair to excellent, with 9% silked (tasseled). Cotton was reported in mostly fair to good condition, with 75% squaring, 7% setting bolls. Sorghum 87% plant population were 97% good, 8% fair, 2% poor; cotton was getting close to completion at 90% harvested. Peanuts had 57% of the crop pelged, conditions remained in mostly fair condition. Onion harvesting slowed and was reported as 65% harvested. Chile conditions were reported as mostly fair to excellent, apple condition dropped to mostly very poor to fair, peaches were reported as fair to excellent with nutset at 16% light, 73% average, 11% heavy. Farmers also reported presence of some grasshoppers in Guadalupe county, blister beetles in Catron county. Ranchers spent the week maintaining water and supplemental feeding. Cattle conditions 8% very poor, 10% poor, 36% fair, 25% good, 21% excellent. Sheep 14% very poor, 29% poor, 37% fair, 19% good, 1% excellent. Range, pasture feeds 37% very poor, 32% poor, 20% fair, 11% good.

NEW YORK: Days suitable 6.4. Topsoil 1% very short, 20% short, 71% adequate, 8% surplus. Hot, dry week had farmers hoping for a good
soaking rain to promote crop development. Pasture feed 1% very poor, 5% poor, 25% fair, 57% good, 13% excellent. Hay 5% poor, 25% fair, 80% good, 7% excellent. Wheat 1% poor, 15% fair, 71% good, 13% excellent. Corn 98% planted, 93% 2002; many acres left unplanted. Soybeans 99% planted, 92% 2002. Alfalfa 1st cut 91% complete; Clo-tim 81%. Lake Erie Concord, Niagara grapes at fruit set with shot size berries. Lake Ontario sweet cherries ripening. Strawberry picking in full swing; rather than normal due to cool, wet spring.

NORTH CAROLINA: Days suitable for field work 3.7. Soil moisture 0% very short, 3% short, 51% adequate, 46% surplus. Tropical Storm Bill brought heavy rainfall, deluging most of the State and causing isolated wind damage. Some state farmers are concerned about drowning tobacco, corn, truck crops. Soybean planting and small grain harvest were delayed until fields dried enough for equipment to enter. Activities: Cultivating, topping, spraying tobacco; harvesting potatoes, cucumbers, cantaloupe, other vegetables; fertilizing crops.

NORTH DAKOTA: Days suitable for fieldwork 5.8. Topsoil 3% very short, 13% short, 71% adequate, 13% surplus. Subsoil 3% very short, 14% short, 71% adequate, 12% surplus. Crop conditions continue to be rated much better that last year. Durum wheat 85% jointing, beyond, 80% 2002, 79% avg. 54% boot stage, beyond, 45% 2002, 50% avg. 27% headed, beyond, 16% 2002, 23% avg; was in the milk stage beyond, 4% 2002, 5% avg. Canola 96% in the rosette stage, beyond, 96% 2002, 96% avg. 71% was blooming, beyond, 66% 2002, 71% avg. Dry Edible Beans 9% blooming, beyond, 11% 2002. 8% avg. Flaxseed 44% blooming, beyond, 28% 2002, 29% avg. Potatoes 47% blooming, beyond, 14% 2002, 23% avg. Twenty-nine percent had rows folded, beyond, 9% 2002, 15% avg. Sunflowers 1% blooming, beyond, 0% 2002, 0% avg. Durum Wheat 0% very poor, 2% poor, 17% good, 8% excellent. Canola 1% very poor, 1% poor, 11% fair, 59% good, 28% excellent. Dry Edible Beans 0% very poor, 3% poor, 10% fair, 61% good, 26% excellent. Flaxseed 0% very poor, 2% poor, 20% fair, 61% good, 17% excellent. Potatoes 0% very poor, 0% poor, 10% fair, 64% good, 26% excellent. Sugarbeets 0% very poor, 1% poor, 12% fair, 57% good, 30% excellent. Sunflower 0% very poor, 2% poor, 19% fair, 61% good, 18% excellent. All hay 1% very poor, 4% poor, 24% fair, 60% good, 11% excellent. Broadleaf, wild oat spraying 94%, 97% complete, respectively. The first cutting of Alfalfa was 79% complete and 45% of all other hay had been cut. Stockwater supplies 1% very short, 6% short, 88% adequate, 5% surplus. Pasture, range feeds 1% very poor, 7% poor, 26% fair, 55% good, 11% excellent.

OHIO: Days suitable for fieldwork 6.2. Topsoil 1% very short, 12% short, 80% adequate, 12% surplus. Alfalfa 1st cutting complete 99%, 100% 2002, 98% avg.; 2nd cutting complete 15%, 30% 2002, 33% avg. Oats 98% headed, 88% 2002, 96% avg.; 3% ripe, 8% 2002, 15% avg. Other hay 1st cutting complete 90%, 94% 2002, 94% avg.; 2nd cutting complete 8%, 16% 2002, 17% avg. Soybeans 99%, emerged, 99% 2002, 99% avg.; 10% blooming, 6% 2002, 24% avg. Strawberries 95% harvested, 98% 2002, 99% avg. Winter wheat changing color 100%, 100% 2002, 100% avg.; 24% ripe, 71% 2002, 82% avg.; 6% harvested, 31% 2002, 34% avg. Cucumbers 72% planted, 100% 2002, 96% avg. Summer apples 4% harvested. Peaches 2% harvested. Corn 3% very poor, 10% poor, 30% fair, 41% good, 16% excellent. Hay conditions 3% very poor, 7% poor, 31% fair, 46% good, 15% excellent. Oat conditions 3% very poor, 10% poor, 39% fair, 45% good, 12% excellent. Pasture feeds 1% very poor, 5% poor, 24% fair, 57% good, 13% excellent. Soybean 3% very poor, 10% poor, 31% fair, 46% good, 10% excellent. Livestock conditions 0% very poor, 2% poor, 19% fair, 63% good, 16% excellent. Winter wheat 1% very poor, 3% poor, 17% fair, 53% good, 26% excellent. Warmer temperatures continue to persist across the state with rain arriving at the end of the week. Farmers began harvesting wheat, continued to bale hay. Vegetable producers in the southern part of the state harvested sweet corn, tomatoes, cucumbers, squash, onions, collard, mustard greens, kale. Growers sprayed for weeds, hauled grain to local elevators.

OKLAHOMA: Days suitable for fieldwork 6.1 Topsoil 7% very short, 22% short, 66% adequate, 5% surplus. Subsoil 7% very short, 23% short, 68% adequate, 2% surplus. Wheat 57% plowed, 32% last week, 67% 2002, 59% avg. Oats 86% harvested, 70% last week, 91% 2002.

OREGON: Days suitable for fieldwork 6.9. Topsoil 22% very short, 5% short, 27% adequate. Subsoil 26% very short, 48% short, 26% adequate. Barley 89% headed, 80% previous week, 99% 2002, 2% very poor, 2% poor, 51% fair, 1% good, 1% excellent. Wheat 97% 2002, 73% avg.; 13% 2nd cutting, 6% last week, 20% 2002, 12% avg. Watermelons 84% setting fruit, 82% last week, 91% 2002, 77% avg.; 9% harvested, 6% last week, 10% 2002, 8% avg. Livestock 2% poor, 15% fair, 59% good, 24% excellent; Pasture, Range 9% very poor, 21% fair, 59% good, 16% excellent. Livestock conditions remained rated as mostly fair to excellent. Livestock insect activities were rated as light to moderate with flies being the most prominent problem reported. Cattle auctions reported an average increase in markets for the week. The price for feeder steers less than 800 pounds increased from last week, averaged $90.70 per cwt. The average price for feeder heifers less than 800 pounds also increased from last week, averaged $86.59 per cwt.

PENNSYLVANIA: Days suitable for field work 6.0. Soil very poor, 19% short, 68% adequate, 9% surplus. Corn height 26 inches, 35 inches 2002, 34 inches avg.; 4% very poor, 9% poor, 28% fair, 45% good, 14% excellent. Barley 100% turning yellow, 100% 2002, 99% avg.; 93% ripe, 96% 2002, 91% avg.; 80% harvested, 86% 2002, 83% avg. Winter wheat 82% turning yellow, 98% 2002, 95% avg.; 11% ripe, 80% 2002, 61% avg.; 3% very poor, 8% poor, 43% fair, 36% good, 10% excellent. Oats 82% headed, 86% 2002, 89% avg.; 5% turning yellow, 40% 2002, 37%
TENNESSEE: Days suitable for fieldwork 5.0. Topsoil 8% short, 81% adequate, 11% surplus. Subsoil 7% short, 82% adequate, 11% surplus. Wheat 98% harvested, 1% 2002, 99% avg. Tobacco 1% very poor, 6% poor, 28% fair, 54% good, 11% excellent. Pastures 2% poor, 12% fair, 64% good, 22% excellent. Alfalfa hay 67% 2nd cutting, 59% 2002, 59% avg. Despite scattered showers across the state early last week from Tropical Storm Bill, warm weather, sunshine prevailed causing rapid development, improved conditions for corn, cotton, soybeans. Cotton development continues to lag one to two weeks behind normal in most areas. In cases of light rain to none, corn, cotton yields will be lower than normal. Tobacco was reported in isolated tobacco fields around the State. Activities: Spraying herbicides to control weeds in soybeans, side-dressing nitrogen on late planted corn.

SOUTH CAROLINA: Days suitable for fieldwork 4.5. Soil moisture 2% short, 64% adequate, 34% surplus. Corn 89% silked, 96% 2002, 92% avg; Corn 45% doughed, 59% 2002, 49% avg; Corn 1% matured, 17% 2002, 13% avg; 1% poor, 15% fair, 60% good, 24% excellent. Soybeans 97% planted, 99% 2002, 97% avg; Soybeans 93% emerged, 95% 2002, 91% avg; Soybeans 5% bloomed, 13% 2002, 15% avg; Soybeans 1% pods, 5% 2002, 5% avg; Soybeans 1% very poor, 6% poor, 28% fair, 47% good, 15% excellent. Activities: Planting soybeans, vegetables; making haylage, baylage, dry hay; spraying herbicides; spreading manure; spreading lime, fertilizer; caring for livestock.

SOUTH DAKOTA: Days suitable for fieldwork 5.4. Topsoil 6% very short, 19% short, 66% adequate, 9% surplus. Subsoil 12% very short, 24% short, 58% adequate, 6% surplus. Feed supplies 5% very short, 17% short, 76% adequate, 2% surplus. Stock water supplies 14% very short, 22% short, 62% adequate, 2% surplus. Winter Rye 3% poor, 44% fair, 43% good, 10% excellent; 60% turning color, 65% 2002, 58% avg.; 4%, ripe, 5% 2002, 13% avg.; 81% turning color, 87% 2002, 77% avg.; 9%, 41% 2002, 23% avg. Barley 98% boot, 98% 2002, 97% avg; 21% turning color, 27% 2002, 25% avg.; 0%, ripe, 5% 2002, 2% avg. Oats 100%, 99% 2002, 98% avg; 19% turning color, 34% 2002, 26% avg.; 0%, ripe, 9% 2002, 5% avg. Spring Wheat boot 100%, 98% 2002, 97% avg.; 26% turning color, 31% 2002, 26% avg.; 0%, ripe, 1% 2002, 1% avg. Winter Wheat 4%, 4%, 36% fair, 64% good. Cucumbers 96% harvested, 97%, 2002, 96% avg; 17% fair, 83% good. Watermelons 51% harvested, 63%, 2002, 64% avg; 18% poor, 28% fair, 54% good. Tomatoes 77% harvested, 68%, 2002, 77% avg; 3% fair, 70% good, 27% excellent. Cantaloupes 65% harvested, 69%, 2002, 72% avg; 48% fair, 52% good. Livestock 4% fair, 80% good, 16% excellent. Major farm activities included crop spraying, haying, cultivating, and working with livestock.
WASHINGTON: Days suitable for fieldwork 6.9. Topsoil 23% very short, 31% short, 46% adequate. Subsoil 5% very short, 33% short, 62% adequate. Irrigation water supplies 5% short, 95% adequate. The highest temperature in the state was 95° in Ritzville. The lowest temperature in the state was 35° in Deer Park. Winter wheat 1% harvested, 1% very poor, 5% poor, 25% fair, 50% good, 19% excellent. Spring wheat 99% headed, 2% very poor, 8% poor, 38% fair, 44% good, 8% excellent. Barley 98% headed, 2% very poor, 10% poor, 31% fair, 43% good, 14% excellent. Producers across the state continued to express concern over the continued lack of rain. Corn, potatoes were growing well in Snohomish, Northern King Counties. Spring grain growth in King County was poor that some producers have moved livestock out to graze. In the Palouse, winter wheat continued to look good, while spring crops were stressed, continued to lose yield potential from dry conditions. Potatoes 3% harvested, 6% fair, 62% good, 32% excellent. Corn 2% fair, 98% good. Dry edible bean 2% fair, 49% good, 49% excellent. Processing green peas 40% harvested. Alfalfa 1st cutting 98% complete, 2nd cutting alfalfa 58% complete. Hay, other roughage 1% very short, 2% short, 90% adequate, 7% surplus. Range, pasture feeds 2% very poor, 11% poor, 43% fair, 44% good. Dairy producers were harvesting a second cutting of green clover. Oyster growers completed seed setting, were treating beds for burrowing shrimp. Sweet corn producers kept busy trying to keep fields irrigated. Raspberry harvest was in full swing with good yields. Cranberry farmers continued weed and firewood control efforts. Strawberry harvest was nearly complete. Blueberry growers continued to forecast a lighter than usual crop with harvests moving on in some areas. Fruit growers moved to later areas, apricots were being picked, onions were being harvested. Growers reported excellent set in grapes. Hot, dry conditions in the Yakima Valley contributed to numerous brush fires that have threatened or damaged perimeter trees in orchards.

WISCONSIN: Days suitable for fieldwork 5.0. Topsoil 6% very short, 19% short, 70% adequate, 5% surplus. Last week’s scattered rain, increased temperatures were a welcome sight, as crop development was pushed along, fieldwork nears the end. Reports statewide mentioned that the 80° weather allowed corn to reach at least “knee high by the 4th of July”. Pasture feed 1% very poor, 8% poor, 31% fair, 51% good, 9% excellent.

WYOMING: Days suitable for fieldwork 7.0. Topsoil 6% very short, 39% short, 54% adequate, 1% surplus. Winter wheat 56% turning color, 2002 93%, 86% 5-yr avg.; 9% mature, 35% 2002, 21% 5-yr avg.; 2% very poor, 2% poor, 22% fair, 78% good, 8% excellent. Summer Alfalfa 10% harvested. Peaches 8% very poor, 1% poor, 31% fair, 37% good, 23% excellent. The beginning of the week brought on warm, sunny conditions for most of the state. However, the latter part of the week saw more rain, wet field conditions. Corn fields showed signs of nitrogen deficiency. Producers in several parts of the state expected to cut more silage this year due to the excessive amounts of rain. A few farmers were able to make a second cutting of alfalfa hay, but it was past the quality peak to the rain. Pastures were green and livestock water supplies were adequate or better. Small grain harvesting continued to run behind schedule. Some farmers had to replant soybeans after excess moisture caused rot. Tobacco was yellowing due to leaching of nitrogen, some areas reported premature flowering. Activities: Planting vegetables, harvesting sweet corn cucumbers, tomatoes, squash, spraying herbicides on soybeans, cotton, peanuts, weeding, spraying pumpkins, cultivating cotton, tobacco
good condition. Range, pasture feed 4% very poor, 11% poor, 37% fair, 46% good, 2% excellent. Above normal temperatures and below normal precipitation, with a few exceptions in the east central that reported above normal precipitation. The heaviest moisture fell in Torrington with 0.75 inch. Many stations reported no precipitation for the week, temperatures in the 90's.