ALABAMA: Days suitable for fieldwork was 6.5. Topsoil 2% very short, 41% short, 55% adequate, 2% surplus. Corn 60% silked, 66% 2004, 60% avg.; condition 0% very poor, 6% poor, 29% fair, 56% good, and 9% excellent. Soybeans 91% planted, 83% 2004, 82% avg.; 73% emerged, 75% 2004, 69% avg.; 11% blooming, 10% 2004, 4% avg.; condition 0% very poor, 1% poor, 25% fair, 67% good, 7% excellent. Wheat 74% harvested, 34% 2004, 64% avg. Hay 89% harvested, 93% 2004, 92% avg. Pasture feed 1% very poor, 5% poor, 34% fair, 54% good, 6% excellent. Livestock condition 0% very poor, 1% poor, 16% fair, 63% good, 20% excellent. Showers were scarce across the state this week. Crop condition has suffered due to the lack of rain, is likely to suffer significantly if dry conditions persist.

ALASKA: Days suitable for fieldwork 5.0. Topsoil, subsoil moisture supplies were both reported 5% short, 90% adequate, 5% surplus. Barley 20% headed, while oats were reported as 60% in boot, condition 5% poor, 10% fair, 40% good, 45% excellent. Oats 5% poor, 70% good, 25% excellent. Potatoes 65% emerged, condition 15% fair, 70% good, 15% excellent. Hay 1st cutting complete 15%, condition 5% poor, 20% fair, 45% good, 30% excellent. Activities Included: Harvesting hay, equipment maintenance, weed control, transplanting vegetables and irrigation.

ARIZONA: Temperatures for the State were above normal for the fourth week of June. Durum wheat has matured on virtually all of the acreage. Durum wheat 73% harvesting acreage. Barley 85% acreage. Cotton acreage squaring 59%, 2004 57%, 8% bolls behind 2004 average of 14%, 5-yr avg 22%, condition remains mostly fair to good. Alfalfa condition is mostly good. Range, pasture feeds range from poor to fair. Precipitation was reported at eight of the seventeen reporting stations ranging from 0.02 inches at Tucson to 1.85 inches at Prescott.

ARKANSAS: Days suitable for field work 7. Soil 38% very short, 40% short, 22% adequate, 0% surplus. Corn 68% silked, 46% previous week, 89% previous year, 91% 5-yr avg. Soybeans 95% planted, 92% previous week, 96% previous year, 91% 5-yr 89% emerged, 85% previous year, 90% previous year, 83% 5-yr avg.; 8% bloomed, 0% previous week, 0% previous year, 1% 5-yr avg. Sorghum 100% emerged, 100% previous week, 97% previous year, 99% 5-yr avg.; 4% headed, 3% previous week, 29% previous year, 21% 5-yr avg. Cotton 83% squaring, 65% previous week, 83% previous year, 77% 5-yr avg.; 1% setting bolls, 0% previous week, 1% previous year, 6% 5-yr avg. Rice (1) 0% headed, 0% previous week, 0% previous year, 1% 5-yr avg. Wheat 95% harvested, 74% previous week, 94% previous year, 88% 5-yr avg.; (1) Question not asked in previous week, or that week in previous years. Corn 1% Very Poor, 8% poor, 36% fair, 44% good, 11% excellent. Soybeans 8% very poor, 22% poor, 35% fair, 30% good, 5% excellent. Sorghum 4% very poor, 17% poor, 42% fair, 30% good, 7% excellent. Cotton 1% very poor, 3% poor, 22% fair, 56% good, 18% excellent. Rice 1% very poor, 5% poor, 30% fair, 48% good, 16% Excellent. Wheat 2% very poor, 11% poor, 57% fair, 27% good, 3% excellent. Hay-other: 9% very poor, 22% poor, 44% fair, 24% good, 1% Excellent. Hay-alfalfa: 15% very poor, 14% poor, 48% fair, 23% good, 0% excellent. Pasture, Range 16% very poor, 25% poor, 35% fair, 22% good, 2% excellent. CROPS: Rain seriously needed in all counties. First cutting of hay complete, with little chance of a second cutting without rainfall. Bermudagrass never grew well due to early cold weather, then turning hot and dry. Wheat harvest was continued. Irrigation continued in fields where possible. Dryland corn, sorghum suffering from dry conditions. Some soybean fields being flushed to provide enough moisture to plant. Some soybeans wilting in northeastern counties. Mid-season nitrogen applied to rice. Some fields showed "burn" because irrigation wells can't keep up with demand. Eastern counties reported that predicted highs of 95 could hurt corn pollination. Herbicides were applied to rice, soybeans, cotton. Spider mites, small flight of bollworm moths reported in cotton fields. Also, beet army worms on pigweed in cotton fields. Bradley county reports tomato harvest in third week. Central counties harvested cantaloupes, peaches, nectarines, blackberries, some vegetables for roadside sales. LIVESTOCK: Livestock were reported to be in good condition. Culling cows, feeding hay due to dry conditions. Some producers reporting forages used up, and looking for alternative feed sources. Another cutting of hay is needed to have enough for winter. Some cattlemen are formulating plans to reduce dependence on hay. Horn flies reported heavy in some herds.

CALIFORNIA: Young cotton fields were treated for insects, cultivated, fertilized. Cotton was growing slowly due to cool temperatures. Corn fields continued to progress well. As the weather cooperated, sunflowers continued to grow well, fields started to bloom. Vineseed, dry bean planting continued. Harvesting of wheat, barley, oats continued to slow down. Unseasonably cool weather continued to hinder the growth, development of rice fields. The third cutting of alfalfa hay was complete in the San Joaquin Valley. Irrigation continued in sugar beet fields that were planted late in the season, mature fields were harvested. Safflower fields were in good condition. Cultivation, weed control, irrigation continued in most vineyards, fruit orchards. Cool temperatures have slowed maturity on most tree fruit. Insecticides, fungicides continued to be applied to grape vineyards. Grapes were maturing well with the onset of ideal growing conditions. Stone fruit harvest continued. Varieties harvested included Katy, Patterson apricots; Britthly Lane, Satan, White Lady, Jumbo Fraise, Country Sweet, bell peppers; Splendid, Black Amber, Santa Rosa plums; Diamond Bright, Kay Pearl nectarines. Fruit thinning was ongoing in late maturing varieties of stone fruit. Harvested stone fruit orchards were topped, fertilized, irrigated. Blueberry harvest slowed in Fresno County. Strawberries, blackberries, and boysenberries were harvested in the Central Valley and the Central Coast. Fig harvest commenced in Merced County. Citrus groves were topped, hedged, applications of pre-emergent herbicides, fungicides continued. The Navel orange harvest near completion, while the Valencia orange harvest continued. Citrus growers sprayed for cutworms, thrips, red mites. Herbicides were applied in olive orchards. Almond growers were applying insecticides, fungicides in their orchards. Walnut orchards were sprayed for blight, cooling moth, weed control was underway. Most vegetables, melons were progressing well. Irrigation, insecticide spraying, weeding, thinning continued in tomato, melon fields. Fresh market, processing tomatoes, bell peppers, melons were planted. Harvest of carrots, cucumbers, bell peppers, eggplant, fava beans, green beans, melons, onions, parsley, squash, sweet corn continued. Fresh market tomatoes, bitter melon, sweet potato leaves, marunay, cardis were also reported harvested. Foothill rangeland pastures were dry in many areas. The amount of dry grass on hills was outstanding, the best in many years. This will benefit cattle producers when turning cattle out this fall. Fire danger was high. While a large number of cattle have been shipped to market or to summer pastures, some beef cows remained on foothill pastures. Stocker cattle weight gains for the winter pasture season continued to be very high, a record for many cattle producers. In the
Central Valley, stock ewes were grazing in retired grain fields. Beehives were placed in, around seed alfalfa and melon fields to aid in pollination. Beekeepers continued to extract honey from hives.

COLORADO: Days suitable for fieldwork 6.3. Topsoil 7% very short, 25% short, 65% adequate 3% surplus. Subsoil 16% very short, 39% short, 44% adequate 1% surplus. The state weather conditions turned mostly hot, dry, windy this past week with temperatures reported above average throughout the state. Isolated thunderstorms brought limited moisture to the Eastern Plains. With the warm sunny condition, wheat producers are beginning to harvest their crop. Spring wheat 63% headed, 58% 2004, 64% avg.; 12% turning color, 6% 2004, 13% avg.; condition 2% poor, 10% fair, 55% good, 14% excellent, 31% very good. Barley condition 65% 2004, 76% avg.; 12% turning color, 7% 2004, 13% avg.; condition 1% poor, 24% fair, 58% good, 17% excellent. Dry bean 96% planted, 98% 2004, 97% avg.; 71% emerged, 89% 2004, 84% avg. Dry onion condition 1% very poor, 1% poor, 19% fair, 56% good, 23% excellent. Summer potatoes 90% emerged, 95% 2004, 97% avg.; condition 28% fair, 48% good, 24% excellent. Fall potatoes 92% emerged, 81% 2004, 93% avg.; condition 13% poor, 41% fair, 41% good, 5% excellent. Alfalfa hay 81% 1st cutting, 77% 2004, 81% avg.; 7% 2nd cutting, 4% 2004, 3% avg.; condition 1% very poor, 5% poor, 26% fair, 53% good, 15% excellent. Sugarbeets 5% poor, 11% fair, 64% good, 20% excellent.

DELWARE: Days suitable for fieldwork 7.0. Topsoil 3% very short, 43% short, 54% adequate, 0% surplus. Subsoil 2% very short, 23% short, 75% adequate, 0% surplus. Field corn condition 1% poor, 12% fair, 67% good, 20% excellent. Soybean condition 6% fair, 48% good, 46% excellent; 84% planted, 85% 2004, 67% avg.; 75% emerged, 78% 2004, 55% avg. Sorghum 97% planted, 97% 2004, 73% avg. Barley condition 1% poor, 10% fair, 69% good, 20% excellent; 100% turned, 100% 2004, 99% avg.; 75% harvested, 85% 2004, 68% avg. Winter wheat condition 1% poor, 8% fair, 65% good, 26% excellent; 89% turned, 100% 2004, 87% avg.; 15% harvested, 40% 2004, 23% avg. Pasture feeds 1% poor, 21% fair, 77% good, 1% excellent. Strawberries 98% harvested, 100% 2004, 95% avg. Other hay 1st cutting 100%, 100% 2004, 89% avg.; 2nd cutting 14%, 40% 2004, 34% avg. Alfalfa hay 1st cutting 100%, 100% 2004, 88% avg.; 2nd cutting 31%, 30% 2004, 35% avg. Apple condition 10% fair, 85% good, 5% excellent. Peach condition 7% fair, 89% avg.; 2nd cutting 31%, 30% 2004, 35% avg. Apple condition 14%, 40% 2004, 34% avg.; 21% fair, 77% good, 1% excellent. Tomatoes 99% planted, 97% 2004, 88% avg. Hay supplies 8% short, 82% adequate, 10% surplus. Despite the hard ground, hot, humid weather all week allowed farmers valuable time in the field. However, due to the lack of precipitation, crops are suffering. The curling of corn, the difficulty for producers gained momentum. Producers were able to harvest hay, wheat with few rain interruptions. Producers applied fungicides, herbicides, insecticides to most of their crops. Cantaloupe, watermelon harvest continued. Pumpkin planting neared completion. Activities Included: Harvesting peaches, preparation for millet planting, the routine care of livestock and poultry.

HAWAII: Mixture of sunshine, showers were generally favorable for crops during the week. Easterly winds brought most of the week's showers to windward areas of the Big Island where the added rainfall helped alleviate some of the stress caused by recent dry conditions. Soybeans, sorghum planting gained momentum. Producers were able to harvest hay, wheat with few rain interruptions. Producers applied fungicides, herbicides, insecticides to most of their crops. Cantaloupe, watermelon harvest continued. Pumpkin planting neared completion. Activities Included: Harvesting peaches, preparation for millet planting, the routine care of livestock and poultry.

IDAHO: Days suitable for field work 6.8. Topsoil 10% short, 76% adequate, 14% surplus. Warm weather encouraged rapid crop growth. Irrigation in full swing in southern state. Wheat 99% boot stage; 81% headed, 86% 2004, 80% avg.; 4% turning color. Spring wheat 90% jointed; 61% boot stage. Barley 90% jointed; 54% boot stage. Dry beans 97% emerged, 99% 2004, 96% avg. Potato condition 1% poor, 18% fair, 67% good, and 14% excellent; 90% emerged, 98% 2004, 99% avg.; 18% 12” high, 58% 2004, 53% avg.; 7% closing middles, 9% 2004, 15% avg. Alfalfa hay—1st cutting harvested 77%, 79% 2004, 81% avg. Irrigation water supply 2% poor, 14% fair, 76% good, 8% excellent. Activities Included: Harvesting hay, irrigating, cultivating, and spraying fungicides.

ILLINOIS: Days suitable for fieldwork 6.9. Topsoil 55% very short, 38% short, 7% adequate, 0% surplus. Corn height 45 inches, 55 in. 2004, 41 in. avg. Soybeans 11% blooming, 13% 2004, 7% avg. Wheat 99% turning yellow, 99% 2004, 98% avg.; 89% ripe, 90% 2004, 84% avg. Oats 99% headed, 96% 2004, 91% avg.; 75% filled, 73% 2004, 58% avg.; 42% turn yellow, 32% 2004, 22% avg.; 14% ripe, 10% 2004, 7% avg.; 2% harvested, 3% 2004, 1% avg. Alfalfa 2nd cut 46%, 32% 2004, 27% avg.; 5% very poor, 19% poor, 42% fair, 32% good, 2% excellent. Red clover 1st cut 95%, 94% 2004, 88% avg.; 2% very poor, 13% poor, 38% fair, 44% good, 3% excellent. Spotty showers moved across some areas of Illinois last week, but they were no relief to stressed crops or wells that supply water to livestock. Activities Included: Cutting, baling hay, mowing roadside ditches, tending livestock, crop scouting for insects, weeds, planting double cropped soybeans where ground condition permit, harvesting wheat, and hoping for rain.
INDIANA: Days suitable for fieldwork 6.9. Topsoil 16% very short, 49% short, 35% adequate. Subsoil 8% very short, 38% short, 53% adequate, 1% surplus. Hot, dry weather prevailed, placing stress on crops around the state. Afternoon temperatures reached low 90's on some days. Precipitation was virtually non-existent in most areas of the state. Soils becoming very dry. Winter wheat harvest made good progress in the southern region. Wheat fields rapidly turning color in the northern regions. Soybean aphids are in some fields. Corn root worm feeding heavy in some fields around the state. Grain sorghum made good progress. Farmers had a good week for field activities. Side dressing of corn continued. Second cutting of hay crops was underway. First cutting alfalfa hay is virtually complete. Soybean growth continues to struggle in some fields. Weeds remain a problem. Corn condition declined 56% good to excellent compared with 73% a year ago. Plants curling in many corn fields. Soybean condition 54% good to excellent compared with 67% a year ago. Winter wheat 5% very good to excellent compared with 67% a year ago. Pastures 3% very poor, 12% poor, 32% fair, 48% good, 5% excellent. Temperatures averaged 2° below to 5° above normal. Precipitation average 0.00 to 0.78 inches. Livestock were under stress during most of the week from the heat. Other major activities: baling straw, cutting crops, hauling grain to market, side dressing corn, cleaning up, repairing equipment, monitoring irrigation systems, mowing pastures, roadsides, visiting FSA offices, spraying chemicals, hauling manure, cutting, baling hay and taking care of livestock.

IOWA: Days suitable for fieldwork 5.7. Topsoil 7% very short, 26% short, 58% adequate, 9% surplus. Subsoil 4% very short, 19% short, 68% adequate, 9% surplus. High temperatures, widely varied rainfall. While most Northern counties received adequate to excessive amounts of rainfall this past week, Southern, East Central counties fell below normal. Rainfall varied, but temperatures were consistently above normal with highs into the 90’s. Flooding, erosion, ponding occurred in Northern counties, while reporters in Southern counties observed heated stress on corn fields. As conditions permitted, farmers were busy spraying and cultivating fields and baling hay. Corn condition 1% very poor, 4% poor, 18% fair, 57% good, 20% excellent; stand 94% normal, the same as the previous week, 1% point above the 5-yr avg.; height 36 inches, up 13 inches from a week ago. Soybean emergence was virtually complete. Soybean condition 1% very poor, 4% poor, 21% fair, 56% good, 18% excellent; Oat 95% acreage headed. 5% points above the previous year. Pastures 1% very poor, 16% poor, 81% fair, 32% good, 60% excellent. Vegetable 6% very poor, 22% poor, 31% fair, 36% good, 5% excellent.

KENTUCKY: Days suitable for fieldwork 6.4. Topsoil 33% very short, 41% short, 25% adequate, 1% surplus. Subsoil 18% very short, 45% short, 36% adequate, 1% surplus. Rain is needed statewide. Topsoil moisture is disappointing, due to hot, dry weather. Several reports of corn twisting due to lack of moisture. Sorghum 95% planted, 86% previous year, 91% avg. Tobacco set condition 1% very poor, 8% poor, 27% fair, 56% good, 8% excellent; plants under 12 in. tall 51%, 41% between 12-24 in. tall, 8% over 24 in. tall. Wheat 67% harvested, 66% previous year, 71% avg. Barley 97% harvest, same as 2004, 96% on avg. Pasture feed 1% very poor, 14% poor, 40% fair, 33% good, 4% excellent. 16% dough stage, 6% last week, 34% 2004, 46% avg. Hay 1st cutting 90%, 82% last week, 74% 2004, 88% avg. Peaches 56% harvested, 35% last week, 37% 2004, 42% avg. Rice 100% emerged, 99% last week, 100% 2004, 100% avg. Sorghum 99% emerged, 98% last week, 100% 2004, 99% avg. Soybeans 99% planted, 95% last week, 98% 2004, 95% avg.; 19% setting pods, 6% last week, 10% 2004, 5% avg. Sugarcane 9% poor, 34% fair, 48% good, 9% excellent. Sweet potato vines 92% planted, 75% last week, 66% 2004, 83% avg. Wheat 100% harvested, 99% last week, 100% 2004, 99% avg.; second cutting complete, 64% 2004, 48% avg.; 75% emerged, 67% 2004, 61% avg. Sorghum 82% planted, 93% 2004, 81% avg. Barley condition 1% poor, 14% fair, 59% good, 26% excellent; 100% turned, 100% 2004, 99% avg.; 77% harvested, 82% 2004, 61% avg. Winter wheat condition 1% poor, 17% fair, 63% good, 19% excellent; 96% turned, 99% 2004, 91% avg.; 26% harvested, 44% 2004, 26% avg. Pasture feed 1% very poor, 7% poor, 32% fair, 48% good, 12% excellent. Tobacco 96% transplanted, 86% 2004, 90% avg. Strawberries 93% harvested, 97% 2004, 94% avg. Other hay 1st cutting 92%, 94% 2004, 88% avg.; 2nd cutting 12%, 14% 2004, 20% avg. alfalfa hay 1st cutting 96%, 99% 2004, 92% avg.; 2nd cutting 33%, 32% 2004, 32% avg. Apple condition 1% poor, 16% fair, 81% good, 2% excellent. Peach condition 2% poor, 38% fair, 57% good, 3% excellent. Cucumbers 68% planted, 48% 2004, 65% avg.; 2% harvested, 7% 2004, 14% avg. Lima beans 60%[Processed]planted, 79% 2004, 64% avg. Snap beans 73% planted, 71% 2004, 75% avg.; 0% harvested, 17% 2004, 14% avg. Sweet corn 90% planted, 97% 2004, 93% avg. Green peas 79% harvested, 81% 2004, 74% avg. Tomatoes 95% planted, 94% 2004. Hay supplies 6% very short, 4% short, 80% adequate, 10% surplus. A hot, dry week around the state allowed farmers numerous opportunities to get into the field. However, crops are suffering due to the lack of precipitation. Effects of the dry spell include the curling of corn in some areas while making it hard for soybeans to germinate. Hay that was cut, dried out very quickly.

LOUISIANA: Days suitable for fieldwork 6.6. Soil 21% very short, 42% short, and 37% adequate. Corn 2% very poor, 9% poor, 32% fair, 47% good, 10% excellent; 98% silked, 91% last week, 98% 2004, 96% avg.; 70% stalks 18 inches avg. Sugar cane 99% planted, 98% 2004, 97% avg.; 86% emerged, 94% last week, 94% avg. Barley 97% harvested, 96% last week, 96% 2004. Barley 96% planted, 95% last week, 95% 2004. Barley condition 1% poor, 16% fair, 57% good, 20% excellent; 97% turned, 96% 2004, 93% avg.; 78% harvested, 82% 2004, 72% avg. Soybeans 99% planted, 96% last week, 97% 2004. Soybeans condition 1% poor, 16% fair, 57% good, 20% excellent. Tobacco 94% transplanted, 86% 2004, 90% avg. Strawberries 93% harvested, 97% 2004, 94% avg. Other hay 1st cutting 93%, 94% 2004, 88% avg.; 2nd cutting 12%, 14% 2004, 20% avg. alfalfa hay 1st cutting 95%, 95% 2004, 93% avg.; 2nd cutting 33%, 32% 2004, 32% avg. Apple condition 1% poor, 16% fair, 81% good, 2% excellent. Peach condition 2% poor, 38% fair, 57% good, 3% excellent. Cucumbers 68% planted, 48% 2004, 65% avg.; 2% harvested, 7% 2004, 14% avg. Lima beans 60%[Processed]planted, 79% 2004, 64% avg. Snap beans 73% planted, 71% 2004, 75% avg.; 0% harvested, 17% 2004, 14% avg. Sweet corn 90% planted, 97% 2004, 93% avg. Green peas 79% harvested, 81% 2004, 74% avg. Tomatoes 95% planted, 94% 2004. Hay supplies 6% very short, 4% short, 80% adequate, 10% surplus. A hot, dry week around the state allowed farmers numerous opportunities to get into the field. However, crops are suffering due to the lack of precipitation. Effects of the dry spell include the curling of corn in some areas while making it hard for soybeans to germinate. Hay that was cut, dried out very quickly.
mm. Leaves showed signs of bacterial spot. Tart cherries west central affected by dry conditions but continued to color. Peach pit hardening continued southwest. In southwest, apricots began to ripen. Wine grape bloom began northwest, ended southwest. Grapes showed about 18 to 24 inches of new growth. Blueberries coloring southwest. The southeast crop sized at 10 mm diameter. Strawberry harvest nearied completion southwest, continued southeast. Vegetable crops doing well for most part; however, rainfall is much needed throughout State. Asparagus harvest completed in many areas; some areas beginning to show abnormal growth. Cabbage harvest continued and many fields showed good quality. Carrots, onions continued to grow well. Pepper plants appeared small but growing well. Potatoes still full bloom. Pumpkin plants germinated, rapidly. Squash, zucchini, and cucumber continued to be harvested continued to do well, some areas beginning to flower. Sweet corn growing quickly. Strawberry harvest nearied completion. Days suitable for fieldwork 4.7. Topsoil 0% very short, 2% short, 73% adequate, 25% surplus. Spring wheat 73% jointed, 72% 2004, 73% avg. Oats 84% jointed, 81% 2004, 85% avg. Barley 75% jointed, 57% 2004, 73% avg. Corn 23 in. height, 17 in. 2004, 20 in. avg. Soybeans 6 in. height, 6 in. 2004, 7 in. avg. Dry beans 96% planted, 99% 2004, 99% avg. Sweet corn planted, 94% 2004, 95% avg. Alfalfa% i° cutting 83, 77% 2004, 82% avg. Pasture feed 1% very poor, 2% poor, 15% fair, 64% good, 16% excellent. Alfalfa 3% very poor, 6% poor, 28% fair, 52% good, 11% excellent. Sugarbeets 1% very poor, 3% poor, 20% fair, 45% good, 9% excellent. Rice 2% heading, 3% 2004, 3% avg.; 1% poor, 10% fair, 72% good, 17% excellent. Sorghum 15% heading, 37% 2004, 28% avg.; 1% poor, 12% fair, 80% good, 7% excellent. Soybeans 39% emerged, 100% 2004, 99% avg.; 66% blooming, 56% 2004, 48% avg.; 21% setting seed, 37% 2004, 15% avg.; 2% very poor, 7% poor, 18% fair, 61% good, 12% excellent. Wheat 100% mature, 99% 2004, 100% avg.; 97% harvested, 93% 2004, 95% avg. Hay (Warm Season) 45% harvested, 28% 2004, 39% avg.; 3% very poor, 8% poor, 21% fair, 54% good, 18% excellent. Sorghum 32% harvested, 19% 2004, 17% avg.; 54% fair, 39% good, 7% excellent. Cattle 1% very poor, 3% poor, 21% fair, 54% good, 17% excellent. Pasture 2% very poor, 9% poor, 28% fair, 41% good, 19% excellent. Dry weather continues to affect farmers across the state. Isolated showers were seen in the northeastern, east-central parts of the state. Farmers are beginning to see some signs of pest on crops and pastures due to the high temperatures, lack of precipitation, are irrigating where possible. Insect pressure on crops has been light thus far. Watermelon harvesting is in full swing just in time for the upcoming July 4th festivities.

MISSOURI: Days suitable for fieldwork 6.9. Topsoil 28% very short, 45% short, 26% adequate, 1% surplus. Sunshine, lack of precipitation aided wheat harvest but above normal temperatures have begun to stress crops, while pasture feeds continue to decline. Reports from all areas of the State noted dry conditions have taken a toll on crop development with the east-central, south-central districts reporting the most severe conditions. Wheat harvest is well underway with 70% of the acreage harvested, a significant increase from last week. Alfalfa 1st cutting 98%, 96% 2004, 97% avg.; 2nd cutting 4%, 37% 2004, 34% avg. Other hay hay cut 80%, 71% 2004, 73% avg. Pastures 14% very poor, 26 % poor, 38 % fair, 21 % good, 1 % excellent. Pasture growth has suffered across the state with the southern districts showing the poorest conditions. Hay yields also continue to be reported below normal due to the lack of precipitation. Precipitation for the week averaged 0.06 inch, ranging from no precipitation in many of the state to only isolated showers in some districts with St. Louis County reporting the largest accumulation of 0.88 inch.

MONTANA: Days suitable for field work 5.0. Topsoil conditions 1% very short, 13% short, 77% adequate, 9% surplus. Subsoil 7% very short, 33% short, 56% adequate, 4% surplus. During the fourth week of June, temperatures ranged from highs in the 100s to lows in the 30s with moderate to heavy precipitation. Albion had the high temperature of 102 degrees. Olney had the low temperature of 34 degrees. The wet spot for the State was Nashua with 2.90 inches of moisture. Winter wheat 3% very poor, 11% poor, 34% fair, 38% good, 14% excellent; progress is 99% boot, 97% 2004, 81% headed, 84% 2004. Spring wheat 81% boot, 39% 2004, 76% headed, 82% 2004. Sugarbeets 1% very poor, 4% poor, 22% fair, 33% poor, 20% fair, 46% good, 10% excellent. Durum wheat 46% boot, 12% 2004, 18% headed, condition 1% very poor, 12% poor, 16% fair, 55% good, 16% excellent. Barley 67% boot stage, 53% 2004, 23% headed, 16% 2004, 1% very poor, 2% poor, 22% fair, 58% good, 17% excellent. Oats 60% boot, 44% 2004, 20% headed, 13% 2004, 1% very poor, 2% poor, 19% fair, 64% good, 14% excellent. Corn condition 1% very poor, 4% poor, 32% fair, 57% good, 6% excellent. Dry beans 98% emerged, 99% 2004, condition 1% very poor, 2% poor, 15% fair, 75% good, 7% excellent. Hay 1st cuttings are under way with 21% of alfalfa harvested, 25% 2005, 17% of Other hay harvested, 12% 2004. Cattle are being moved to summer ranges at 97%, 97% 2004, sheep are moved to summer ranges at 93%, 95% 2004. Range, pasture feed 3% very poor, 15% 2004, 10% poor, 22% 2004, 28% fair, 33% 2004, 46% good, 25% 2004, 13% excellent, 5% last year.

NEW ENGLAND: Days suitable for fieldwork 6.5. Topsoil 1% very short, 18% short, 76% adequate, 5% surplus. Subsoil 5% very short, 16% short, 78% adequate. Topsoil conditions 9% very short, 42% adequate, 51% surplus. Precipitation over 1 inch was common across the state with several reporting stations reporting over 2 inches. Wheat harvest underway in southeastern counties. Irrigators were preparing to apply water with some producers already running their systems. Oats 92% headed, 91% 2004, 89% avg. Sorghum 97% emerged, 95% 2004, 96% avg. Alfalfa conditions 4% very poor, 7% poor, 28% fair, 48% good, 15% excellent; 1st cutting 85%, 93% 2004, 86% avg.; 2nd cutting 17%, 11% 2004, 13% avg. Proso millet 61% planted, 87% 2004. Dry beans 99% planted, 98% 2004, 98% avg.; 87% emerged, 82% 2004, 84% avg. Pasture, range feeds 1% very poor, 6% poor, 22% fair, 56% good, and 15% spraying.

NEW ENGLAND: Days suitable for fieldwork 6.6. Topsoil 3% very short, 8% short, 85% adequate, 24% surplus. Subsoil 3% very short, 6% short, 66% adequate, 25% surplus. Pasture feed 2% very poor, 1% poor, 11% fair, 59% good, 27% excellent. Maine Potatoes 100% planted, 100% 2004, 100% avg.; 85% emerged; condition excellent/fair. Rhode Island Potatoes condition good/very good, 99% 2004, 100% avg.; condition good. Maine Oats 100% planted, 100% 2004, 100% avg.; 95% emerged; condition good/excellent. Maine Barley 100% planted, 100% 2004, 100% avg.; 100% emerged; condition good/excellent. Field Corn 99% planted, 99% 2004, 95% avg.; 90% emerged; condition good/excellent. Sweet Corn 90% planted, 95% 2004, 90% avg.; 80% emerged; condition good/excellent. Breadleaf Tobacco 95% planted, 95% 2004, 90% avg.; condition good. Hay 60% harvested, 70% 2004, 60% avg.; condition good/fair. Apples: set average/below average, size average, condition good/fair. Peaches: set average/below average, size average/below average, condition good/poor in Connecticut, good elsewhere. Pears: set average/below average, size average, condition fair/good. Strawberries 20% harvested, 20% 2004, 35% avg.; condition good/very poor in Massachusetts, good/fair in Connecticut, good/excellent elsewhere. Massachusetts Cranberries Early Bloom to Full Bloom, condition good. Highbush Blueberries: Petal Fall, set average/above
average, size average, condition good/fair in Massachusetts, good elsewhere. Maine Wild Blueberries: Petal Fall, set above average/average, condition fair. The week began with normal temperatures with a mixture of sun, clouds. On Wednesday, throughout the region, cool, light rain arrived with scattered thunder, lighting storms. By week’s end, conditions began to warm up, near record high temperatures for the weekend. A strong Bermuda high pressure brought hot, humid air mass into the region. Throughout the state, temperatures were in the 90s on Sunday, Saturday with heat indices around 100° on Saturday. Activities Included: Baling hay, chopping grass silage, finishing planting, and tilling fields, spreading manure and fertilizer on fields, spraying herbicides and fungicides, cultivating weeds, scouting for pests, applying pesticides and herbicides to fruit trees and berries, mowing orchards, removing bees from blueberry fields, harvesting strawberries, brush cutting, planting sweet corn nd vegetables, and harvesting lettuce, summer squash, radishes and zucchini.

NEW JERSEY: Days suitable for field work 6.5. Topsoil 20% very short, 69% short, 11% adequate. Clear skies, fair weather allowed producers to make good progress cultivating fields, harvesting crops. Activities Included: Cutting, baling hay, spraying, fertilizing, irrigating, hand thinning of apples, and harvesting vegetables. Irrigation water supply 20% short, 80% adequate. There were measurable amounts of rainfall during the week in some localities. Temperatures were variable across the state. Planting of soybeans continued throughout the state. Second cutting of hay continued in the south. Field crops rated in fair to good condition across the state. Strawberry harvest continued in the north. Blueberry harvest continued in the south with increasing volume, began in the central district. Peaches were sizing well. Pasture was rated in mostly fair condition.

NEW MEXICO: Days suitable for field work 6.9. Topsoil 21% very short, 41% short, 38% adequate. Temperatures for the week were near normal in the southeast, but above normal elsewhere. The statewide average was 5 degrees above normal, and Farmington was 10° above normal. Afternoon readings hit 100° at most lower elevation stations in the region. Throughout the state, temperatures were in the 90s on Sunday, Saturday with heat indices around 100° on Saturday. Activities Included: Cutting, baling hay, spraying, fertilizing, irrigating, hand thinning of apples, and harvesting vegetables. Irrigation water supply 20% short, 80% adequate. There were measurable amounts of rainfall during the week in some localities. Temperatures were variable across the state. Planting of soybeans continued throughout the state. Second cutting of hay continued in the south. Field crops rated in fair to good condition across the state. Strawberry harvest continued in the north. Blueberry harvest continued in the south with increasing volume, began in the central district. Peaches were sizing well. Pasture was rated in mostly fair condition.

NEW YORK: Days suitable for field work 6.5. Soil 11 % very short, 34% short, 52% adequate, 3% surplus. Pasture feeds 2% very poor, 9% poor, 46% fair, 36% good, 7% excellent. Winter wheat 2% poor, 40% fair, 48% good, 10% excellent. Dry weather is a big concern, producers are irrigating crops continuously. Corn 100% planted compared to 96% 2004. Soybeans 97% planted compared to 90% last year. Oats 3% poor, 29% fair, 57% good, 11% excellent. In Ontario County, grapes were adversely affected by the winter. May frost which caused physical damage to the crop. In the Long Island fruit region, all grapes and varieties were in bloom.

NORTH CAROLINA: Days suitable for field work 6.2. Soil 19% very short, 38% short, 38% adequate, 5% surplus. Activities Included: Planting row crops, cutting hay, harvesting small grains, scouting for pest, disease problems. Many areas of the State are suffering from dry soil conditions which is causing high crop stress levels. Farmers are irrigating to improve crop conditions. Rainfall ranged from 0 to 1.64 inches with yearly totals 0.44 to 7.04 inches below normal.

NORTH DAKOTA: Days suitable for fieldwork 5.1. Topsoil 0% very short, 2% short, 71% adequate, 27% surplus. Subsoil 1% very short, 7% short, 65% adequate, 27% surplus. Warm temperatures during most of the week helped to accelerate crop growth across the state, but rain showers could cut into that growth. Winter wheat 2% poor, 6% poor, 5% very poor, 17% fair, 56% good, 25% excellent. Dry edible beans 3% very poor, 6% poor, 21% fair, 55% good, 15% excellent. Dry edible peas 0% very poor, 0% poor, 17% fair, 68% good, 15% excellent. Flaxseed 0% very poor, 1% poor, 21% fair, 58% good, 20% excellent. Potatoes 2% very poor, 4% poor, 26% fair, 53% good, 15% excellent. Sugarbeets 1% very poor, 5% poor, 25% fair, 62% good, 7% excellent. Sunflowers 0% very poor, 2% poor, 23% fair, 59% good, 16% excellent. Broadleaf, wild oats spraying were 86%, 91% complete, respectively. Stockwater supplies 0% very short, 9% short, 77% adequate, 14% surplus. Hay conditions 1% very poor, 5% poor, 24% fair, 54% good, 16% excellent.

OHIO: Days suitable for fieldwork 6.9. Topsoil 18% very short, 56% short, 26% adequate, 0% surplus. Winter wheat 85% turning color, 98% 2004, 88% avg.; 3%, ripe 21% 2004, 14% avg. Oats 81% headed, 74% 2004, 77% avg.; 1% ripe, 3% 2004, 2% avg. Alfalfa hay 2nd cutting 12%, 7% 2004, 8% avg. Other hay 1st cutting 86%, 57% 2004, 70% avg.; 2nd cutting 5%, 3% 2004, 3% avg. Soybeans 5% blooming, 0% 2004, 0% avg. Strawberries 80% harvested, 96% 2004, 86% avg. Cucumbers 88% planted, 57% 2004, 75% avg. Corn conditions 3% very poor, 10% poor, 33% fair, 44% good, 10% excellent. Hay conditions 1% very poor, 4% poor, 22% fair, 57% good, 16% excellent. Oat conditions 1% very poor, 5% poor, 28% fair, 5%, good, 11% excellent. Pasture feeds 2% very poor, 9%, poor, 17% fair, 56% good, 15% excellent. Strawberries 1% very poor, 6% poor, 21% fair, 47% good, 25% excellent. Winter wheat conditions 0% very poor, 3% poor, 20% fair, 56% good, 21% excellent. Another week with no rain or very little at the most. Temperatures have also been very high, over 90° in some areas. Most comments from crop weather reporters indicate the concern for rain. Crops are beginning to show stress from lack of rain. The lack of moisture is significantly limiting corn, soybean growth, hay and pasture regrowth. Activities : Nitrorgen side dressing, herbicide application, hay making, and preparing for the winter wheat harvest. Livestock are showing signs of heat stress.

OKLAHOMA: Days suitable for fieldwork 6.4. Topsoil 7% very short, 23% short, 67% adequate, 3% surplus. Subsoil 10% very short, 26% short, 62% adequate, 2% surplus. Wheat 34% plowed, 9% last week, 41% 2004, 38% average. Oats 79% harvested, 53% last week, 82% 2004, 73% avg.; 31% plowed, 7% last week, 36% 2004, 32% average. Rye 71% harvested, 32% last week, 84% 2004, N/A avg.; 25% plowed, 4% last week, 36% 2004, N/A average. Corn 1% very poor, 1% poor, 20% fair, 32% good, 46% excellent; 41% silking, 25% last week, 44% 2004, 28% avg.; 7% dough, N/A last week, 18% 2004, 8% average. Sorghum 60% emerged, 45% last week, 82% 2004, 71% average. Soybeans 1% poor, 40% fair, 52% good, 7% excellent; 94% seeded prepared, 89% last week, 97% 2004, 95% avg.; 87% planted, 73% last week, 87% 2004, 87% avg.; 75% emerged, 64% last week, 78% 2004, 87% avg. Cotton 89% bloomed, 9% last week, 89% 2004, 9% avg.; 75% setting pods; 0% last week, 5% 2004, 1% average. Cotton 99% planted, 92% last week, 99% 2004, 99% avg.; 94% emerged, 83% last week, 99% 2004, 97% average. Alfalfa hay 1% very poor, 7% poor, 32% fair, 50% good, 10% excellent; 2" cutting 90%, 73% last week, 90% 2004, 80% avg.; 33% 3rd cutting, 10% last week, 14% 2004, 11% average. Other hay 3% very poor, 15% poor, 36% fair, 42% good, 4% excellent; 1" cutting 90%, 94% last week, 97% 2004, 97% avg.; 1% according, 1% last week, 4% last week, 9% 2004, 6% average. Watermelons 90% running, 82% last week, 97% 2004, 96% avg.; 66% setting fruit, 43% last week, 72% 2004, 65% average. Livestock 3% poor, 20% fair, 64% good, 13% excellent; Pasture, Range 4% very poor, 11% poor, 40% fair, 42% good, 3% excellent. Livestock remained in mostly good condition. Cattle marketing was rated average. Feeder steers under 800 pounds averaged just over
OREGON: Days suitable for fieldwork 6.5. Topsoil 8% very short, 18% short, 68% adequate, 6% surplus. Subsoil 11% very short, 21% short, 67% adequate, 1% surplus. Spring wheat 83% headed, 66% previous week, 80% previous year, condition 14% very poor, 22% poor, 22% fair, 36% good, 6% excellent. Winter wheat condition 0% very poor, 12% poor, 23% fair, 55% good, 10% excellent. Barley 81% headed, 74% previous week, 55% previous year, 74% avg.; condition 3% very poor, 8% poor, 26% fair, 47% good, 16% excellent. Range, pasture 1% very poor, 5% poor, 18% fair, 56% good, 20% excellent. Weather: Warm conditions continued this week across the State. High temperatures were mostly in the 70’s & 80’s. However, high temperatures along the coast reached only 73°F, while temperatures in north central, northeast, southeast areas reached the mid-to-high nineties. Low temperatures ranged from 30°F in 73°F, while temperatures in north central, northeast, southeast areas.

PENNSYLVANIA: Days suitable for fieldwork 6. Soil. 28% very short, 49% short, 22% adequate, 1% surplus. Corn height 23 inches, 39 inches 2004, 23 inches avg.; condition 1% very poor, 9% poor, 35% fair, 48% good, 7% excellent. Barley 98% turning yellow, 99% 2004, 94% avg.; 54% ripe, 87% 2004, 74% avg.; 41% harvested, 56% 2004, 45% avg. Wheat 78% turning yellow 89% 2004, 76% avg.; condition 1% very poor, 3% poor, 20% fair, 65% good, 11% excellent. Oat 69% heading or headed, 66% 2004, 67% avg.; condition 4% poor, 31% fair, 53% good, 12% excellent. Soybeans 96% emerged, 86% 2004, 82% avg.; condition 10% poor, 38% fair, 45% good, 7% excellent. Tobacco 100% transplanted, 93% 2004, 90% avg. Alfalfa 1st cutting complete 92%, 82% 2004, 82% avg.; 2nd cutting complete 27%, 16% 2004, 20% avg.; condition 1% very poor, 2% poor, 26% fair, 58% good, 13% excellent. Timothy clover 1st citing complete 75%, 61% 2004, 57% avg.; condition 1% very poor, 5% poor, 31% fair, 52% good, 11% excellent. Peach crop condition 2% very poor, 4% poor, 29% fair, 45% good, 20% excellent. Apple crop condition 2% very poor, 3% poor, 6% fair, 53% good, 36% excellent. Quality of hay made 1% poor,19% fair, 56% good, 24% excellent. Pasture feeds 3% very poor, 21% poor, 41% fair, 30% good, 5% excellent. Activities Included: Making more addressing hay fields, baling straw, scouting, spraying corn, oats, soybeans, harvesting barley, irrigating vegetable crops, and preparation of combinations for grain harvesting.

SOUTH CAROLINA: Days were suitable for field work 5.9. Soil 3% very short, 21% short, 68% adequate, 8% surplus. The highest official temperature reported was 97°F at Orangeburg on June 23. The lowest official temperature recorded was 52°F at Caesars Head on the morning of June 20. The heaviest 24-hour rainfall reported was 2.03 inches at Beaufort ending at 7:00 a.m. on June 20. The average Statewide rainfall for the period was .7 inches. Corn 82% silked, 86% 2004, 81% avg.; 23% doughed, 23% 2004, 29% avg.; 1% very poor, 1% poor, 21% fair, 69% good, 8% excellent. Sorghum 96% planted, 98% 2004, 94% avg., 48% headed, 52% 2004, 46% avg.; 5%; fair, 95% good. Cotton 35% squared, 49% 2004, 40% avg.; 2% setting bolls, 2% 2004, 6% avg.; 2% poor, 17% fair, 75% good, 6% excellent. Tobacco 42% topped, 39% 2004, 39% avg.; 17% fair, 83% good. Soybeans 88% planted, 96% 2004, 91% avg.; 7% very poor, 10% poor, 44% 2% average, 2% poor, 23% fair, 66% good, 9% excellent. Winter wheat 97% ripe, 99% 2004, 99% avg.; 80% harvested, 94% 2004, 94% avg.; 3% poor, 25% fair, 62% good, 1% excellent. Barley 96% ripe, 97% 2004, 98% avg.; 79% harvested, 82% 2004, 85% avg.; 24% fair, 45% good, 31% excellent. Pastures 2% poor, 15% fair, 73% good, 10% excellent. Rye 90% ripe, 99% 2004, 99% avg.; 72% harvested, 93% 2004, 90% avg.; 32% fair, 66% good, 2% excellent. Oats 97% ripe, 96% 2004, 98% avg.; 78% harvested, 91% 2004, 91% avg.; 2% poor, 44% fair, 40% good, 14% excellent. Grain hay 97% harvested, 99% 2004, 99% avg.; 2% poor, 24% fair, 66% good, 8% excellent. Peaches 20% harvested, 24% 2004, 29% avg.; 1% very poor, 1% poor, 6% fair, 65% good, 27% excellent. Apples 32% fair, 32% good, 36% excellent. Snap beans 67% harvested, 75% 2004, 74% avg.; 100% good. Cucumbers 78% harvested, 93% 2004, 90% avg.; 30% fair, 70% good. Watermelons 17% harvested, 24% 2004, 32% avg., 3% poor, 46% fair, 49% good, 2% excellent. Tomatoes 43% harvested, 53% 2004, 54% avg.; 17% fair, 83% good. Cantaloupes 28% harvested, 41% 2004, 45% avg.; 7% poor, 54% fair, 39% good. Livestock 21% fair, 71% good, 7% excellent. Peanuts 20% pegged, 32% 2004, 24% avg.; 11% fair, 80% good, 9% excellent. Sweet potatoes 94% planted, 94% 2004, 94% avg.; 90% fair, 10% good.

SOUTH DAKOTA: Days suitable for fieldwork 4.7. Topsoil 2% very short, 3% short, 77% adequate, 18% surplus. Subsoil 4% very short, 7% short, 72% adequate, 11% surplus. Feed supplies 3% very short, 6% short, 86% adequate, 11% surplus. Stock water supplies 7% very short, 16% short, 67% adequate, 10% surplus. Winter wheat turning color 31%, 34% 2004, 34% avg.; 0% ripe, 1% 2004, 1% avg. Barley boot 90%, 91% 2004, 87% avg.; turning color 1%, 2% 2004, 3% avg. Oats boot 90%, 92% 2004, 87% avg.; turning color 1%, 2% 2004, 4% avg. Spring wheat boot 94%, 97% 2004, 90% avg.; turning color 1%, 2% 2004, 2% avg. Average corn height (inches) 18 in., 17 in. 2004, 17 in. in., cultivated or sprayed only; 94% 2004, 94% avg.; cultivated or sprayed 94% 2004, 94% avg.; 28% 2004, 21% avg. Sorghum 71% emerged, 73% 2004, 75% avg. Sunflower 88% planted, 93% 2004, 96% avg. Cattle condition 7% fair, 67% good, 26% excellent. Sheep condition 1% poor, 6% fair, 64% good, 29% excellent. Range, Pasture 2% very poor, 2% poor, 18% fair, 59% good, 19% excellent. Alfalfa hay 2% very poor, 8% poor, 27% fair, 57% good, 8% excellent; 1st cutting harvested 56%, 62% 2004, 74% avg.; 2nd cutting harvested 1%, NA 2004, NA avg. Other hay 25% harvested, 21% 2004, 30% avg. Last week’s high temperatures gave producers a chance to plant late crops, to proceed with hay harvesting, spraying. However, precipitation in some areas did prevent field work, some suffered from hail, wind damage. Activities Included: Machinery repair, planting of row crops, hay harvesting, fertilizing and applying herbicides, fixing fence and tending to livestock.

TENNESSEE: Days suitable for fieldwork 7. Topsoil 10% very short, 42% short, 47% adequate, 1% surplus. Subsoil 4% very short, 34% short, 62% adequate. Wheat 99% ripe, 96% 2004, 99% avg.; 88% harvested,
TEXAS:
Agricultural Summary: Weather conditions across the state became more summer like during the week. Only a few showers were reported across portions of North, East State however, in late week, additional rain was reported across the Plains, a few sea breeze showers wandered across portions of the Coastal Bend. Hot temperatures, light to moderate winds dried soils in all areas during the week. Producers on the Plains who had experienced heavy rainfall in previous weeks were able to return to the fields, continue farming activities. Elsewhere, the already dry fields, pastures became drier. Rain was needed across most areas as dryland crops, pastures continued to show signs of moisture stress. A few dryland crops have been abandoned, however others were holding on, their yield potential was becoming questionable. Some producers indicated that it was too late for rain to do their crops any good, they will harvest what they can. In areas where irrigation was possible, producers were active in the fields. Wheat harvest continued in some areas due to the lack of moisture, disease pressure, such as black shank, tomato spotted wilt virus, showing up in some tobacco fields.

79% 2004, 80% avg. Tobacco 97% transplanted, 96% 2004, 96% avg. Alfalfa hay 1st cutting 99%, 100% 2004, 100% avg.; 2nd cutting 32%, 26% 2004, 30% avg; 3% poor, 24% fair, 63% good, 10% excellent. Other hay 1st cutting 96%, 94% 2004, 96% avg.; 1% very poor, 6% poor, 32% fair, 56% good, 5% excellent. Pastures 1% very poor, 9% poor, 32% fair, 54% good, 4% excellent. Warm, dry conditions across the State last week aided farmers in making excellent progress with wheat harvest. Wheat harvest advanced 48% points ahead of the week. There were reports of corn twist in some areas due to the lack of moisture, disease pressure, such as black shank, tomato spotted wilt virus, showing up in some tobacco fields.

Insect activity continued to increase, some control measures were in progress. Sorghum: Planting moved ahead across the Plains, in some central areas of the state. Many producers were attempting to salvage as much of the crop as possible. In areas where irrigation was possible, producers indicated that it was too late for rain to do their crops any good, they will harvest what they can. In areas where irrigation was possible, producers were active in the fields. Wheat harvest continued in some areas due to the lack of moisture, disease pressure, such as black shank, tomato spotted wilt virus, showing up in some tobacco fields.

TX: Days suitable for fieldwork 7. Subsoil 0% very short, 4% short, 92% adequate, 4% surplus. Irrigation water supplies 0% very short, 3% short, 91% adequate, 16% surplus. Winter wheat 95% headed, 98% 2004, 100% avg.; 4% emerged, 2% 2004, 2% avg.; 11% very good, 28% excellent. Spring wheat 100% emerged, 100% 2004, 100% avg.; 43% headed, 74% 2004, 74% avg.; 0% very poor, 5% poor, 19% fair, 59% good, 17% excellent. Barley 100% planted, 100% 2004, 100% avg.; 100% emerged, 100% 2004, 100% avg.; 56% headed, 76% 2004, 78% avg.; condition 0% very poor, 7% poor, 26% fair, 50% good, 17% excellent. Oats 100% planted, 100% 2004, 100% avg.; 98% emerged, 100% 2004, 100% avg.; 1% headed, 7% 2004, 8% avg. condition 0% very poor, 3% poor, 39% fair, 53% good, 4% excellent; height 12 inches, 20 inches 2004, 19 inches avg. Alfalfa hay 1st cutting 92%, 95% 2004, 91% avg.; 2nd cutting 2%, 7% 2004, 8% avg. Other hay cut 44%, 59% 2004, 48% avg. Dry beans 100% planted, 95% 2004, 97% avg. Cattle, calves moved to summer range 95%, 91% 2004, 96% avg. Cattle, calves condition 0% very poor, 1% poor, 9% fair, 69% good, 21% excellent. Sheep, lambs moved to summer range 89%, 88% 2004, 93% avg.; condition 0% very poor, 1% poor, 12% fair, 74% good, 13% excellent. Stock water supplies 0% very short, 2% short, 90% adequate, 8% surplus. Producers were finishing up their first alfalfa cutting. Many farmers began irrigating their crops for the first time this season. Livestock continued to be in good condition. Warm weather has helped crops and pastures continue to develop. Despite conditions, producers were concerned about aflatoxin content at the time of harvest. Corn condition 81% normal, 91% 2004. Cotton: Planting, replanting remained active in central areas where irrigation was ongoing. Small Grains: Grain harvest was active in many areas of the state. Some areas indicated that production was down as the result of previous damage resulting from freezing temperatures in late spring, recent thunderstorms. Some baling continued in a few locations where stands were poor or where storms had caused significant damage. Wheat condition 68% normal, 59% 2004. Oat condition 63% normal. Corn: Good growth, development was present in most areas where irrigation was possible. Dryland corn was suffering in most areas of the state as sufficient rainfall has not been available. A few producers in central locations indicated that it was too late for rain to benefit their corn crop this season. Other producers have declared their corn crop a failure, many other growers indicated that it was too late for rain to do their crops any good, they will harvest what they can. In areas where irrigation was possible, producers were active in the fields. Wheat harvest continued in some areas due to the lack of moisture, disease pressure, such as black shank, tomato spotted wilt virus, showing up in some tobacco fields. Other insect pressure was generally light. Irrigation remained active in many areas. Armyworm infestations were popping up in a few locations. Other insect pressure was generally light. Irrigation activities continued to increase in locations where possible. Nut development remained satisfactory in areas where moisture was adequate. Livestock Range: Pasture Report: Range, pasture feeds varied from region to region depending on available soil moisture. Generally, rain events during the week were extremely rare, most showers were confined to areas of the Plains, a few coastal locations. Elsewhere, range, pastures continued to decline as soil moisture was short. Drought conditions were expanding across many areas, have become severe in a few locations. Supplemental feeding continued to increase, herd reduction expanded in areas where absence of rainfall had been ongoing for some time. Water for livestock was short or becoming short in many areas, hauling water to livestock began in a few locations. Haying operations were suffering in many areas, were suspended in other locations until adequate rainfall is received. Concerns over hay availability for this winter were expressed by some producers. Grasshopper populations were continuing to build in a few locations.
WASHINGTON: Days suitable for fieldwork 6.5. Topsoil 8% very short, 29% short, 59% adequate, 4% surplus. Subsoil 15% very short, 45% short, 40% adequate. Irrigation water supplies 12% very short, 17% short, 71% adequate. The highest temperature in the state was 100 degrees in Ephrata, Moses Lake, and Hanford. The lowest temperature in the state was 40 degrees in Republic, Pullman. Winter wheat condition 1% very poor, 6% poor, 21% fair, 53% good, 19% excellent; 99% headed. Spring wheat condition 2% very poor, 7% poor, 33% fair, 53% good, 5% excellent; 95% headed; condition 1% very poor, 8% poor, 29% fair, 59% good, 3% excellent; 96% headed. Potato condition 3% poor, 15% fair, 61% good, 21% excellent; 1% harvested. Corn condition 1% poor, 12% fair, 79% good, 8% excellent; 100% emerged, 2% silked. Dry edible beans 1% poor, 19% fair, 80% good; condition 1% very poor, 2% poor, 23% fair, 74% good. Processing green pea 30% harvested. Alfalfa hay 1st cutting 96%. 2nd cutting 22%. On, off rain showers benefitted many areas in the state while areas remained dry and warm. Soil moisture was still a concern for many growers as soil moisture levels were still low. Spring grain crops continued to deteriorate due to lack of moisture. Producers reported damage from the sawtooth cutter fly in winter wheat. Stripe rust has had a negative effect on some wheat fields. Potato harvest began. Range, pasture feeds 2% very poor, 21% poor, 28% fair, 48% good, 1% excellent. Hay production was down due to the shortage of precipitation. Also, hay quality was reduced since many areas with first hay cutting were rained on. Greenhouse tomato growers reported delayed fruit ripening due to lower than average temperatures. Warm season hay cutting were rained on. Greenhouse tomato growers reported delayed fruit ripening due to lower than average temperatures. Precipitation was very low, with rainfall ranging from 0 inches to 0.41 inches. Corn conditions 2% very poor, 34% fair, 62% good, 2% excellent. Oat conditions 7% poor, 35% fair, 51% good, 7% excellent; 48% headed, 68% 2004, 58% 5-yr avg. Soybean conditions 3% poor, 14% fair, 83% good; 94% emerged, 96% n 2004, 5-yr avg not available. Tobacco conditions 18% fair, 82% good. Winter wheat conditions 13% fair, 83% good, 4% excellent; 37% harvested, 2% 2004, 8% 5-yr avg. Hay 6% poor, 37% fair, 50% good, 7% excellent; 1st cutting complete 79%, 50% 2004, 63% 5-yr avg. Apples were 100% good. Peaches 100% good. Cattle, calves 1% poor, 11% fair, 82% good, 6% excellent. Sheep, lambs 1% poor, 8% fair, 84% good, 7% excellent. Hot, dry weather conditions across the state allowed producers to catch up on hay making. Pastures, crops are showing signs of stress due to lack of water. Activities Included: working on irrigation systems for vegetables, hay making and field work.

WEST VIRGINIA: Days suitable for field work 7.0. Topsoil 12% very short, 44% short, 44% adequate compared with 2004 76% adequate, 24% surplus. Corn conditions 2% poor, 34% fair, 62% good, 2% excellent. Oat conditions 7% poor, 35% fair, 51% good, 7% excellent; 48% headed, 68% 2004, 58% 5-yr avg. Soybean conditions 3% poor, 14% fair, 83% good; 94% emerged, 96% n 2004, 5-yr avg not available. Tobacco conditions 18% fair, 82% good. Winter wheat conditions 13% fair, 83% good, 4% excellent; 37% harvested, 2% 2004, 8% 5-yr avg. Hay 6% poor, 37% fair, 50% good, 7% excellent; 1st cutting complete 79%, 50% 2004, 63% 5-yr avg. Apples were 100% good. Peaches 100% good. Cattle, calves 1% poor, 11% fair, 82% good, 6% excellent. Sheep, lambs 1% poor, 8% fair, 84% good, 7% excellent. Hot, dry weather conditions across the state allowed producers to catch up on hay making. Pastures, crops are showing signs of stress due to lack of water. Activities Included: working on irrigation systems for vegetables, hay making and field work.

WISCONSIN: Days suitable for fieldwork 6.5. Soil 20% very short, 36% short, 42% adequate, 2% surplus. Although very warm temperatures and sunny days have contributed to excellent crop growth, the lack of rainfall may start to have an adverse effect soon. Low temperatures were reported in the high 40s, and high temperatures reached the high 90s. Precipitation was very low, with rainfall ranging from 0 inches to 0.41 inches. Corn conditions 2% very poor, 8% poor, 22% fair, 46% good, 22% excellent. The average height of corn was at 26 inches, nearly a foot greater than 2004, 5-yr average of 16 inches. Oat conditions 1% poor, 18% fair, 63% good, 18% excellent; 69% headed, ahead of 2004 57% 5-year average. Soybeans 99% emerged, remaining significantly higher than 2004 81%, 90% 5-yr avg.; conditions 2% very poor, 11% poor, 25% fair, 45% good, 17% excellent. Hay 1st cutting harvested 88%, much greater than 2004 70%, 75% 5-year average. Many farmers continue to report good progress for the growth, condition of the second crop. Pasture feed 6% very poor, 16% poor, 40% fair, 35% good, 5% excellent. Winter wheat conditions 4% very poor, 12% poor, 27% fair, 41% good, 16% excellent. Strawberries look excellent, picking has begun in some areas. Potatoes, peas look good, as do fruit trees. Weeds and insects have become much more noticeable in the past week.

WYOMING: Days suitable for field work 6.7. Topsoil 1% very short, 31% short, 67% adequate, 1% surplus. Subsoil 11% very short, 30% short, 59% adequate. Barley boot 75% stage, 76% 2004, 73% 5-yr avg.; 51% headed, 63% 2004, 51% 5-yr avg.; condition 14% fair, 85% good, 1% excellent. Oats 58% boot stage, 55% 2004, 48% 5-yr avg.; 17% headed, 36% 2004, 23% 5-yr avg.; condition 17% fair, 83% good. Spring wheat 67% boot stage, 73% 2004, 65% 5-yr avg.; 22% headed, 58%