ALABAMA: Days suitable for fieldwork 4.2. Topsoil 0% very short, 2% short, 67% adequate, 31% surplus. Corn 90% silked, 83% 2002, 89% avg.; 61% dough, 36% 2002, 27% avg.; 28% denting, 8% mature, 3% harvested.; 1% very poor, 2% poor, 12% fair, 43% good, 42% excellent. Soybeans 95% planted, 100% 2002, 100% avg.; 89% emerged, 98% 2002, 96% avg.; 0% very poor, 5% poor, 28% fair, 61% good, 6% excellent. Winter wheat 4% very poor, 9% poor, 58% fair, 25% good, 4% excellent. Pasture feed 0% very poor, 1% poor, 11% fair, 52% good, 36% excellent. Livestock condition: 0% very poor, 3% poor, 17% fair, 55% good, 25% excellent. Harvesting summer vegetables. In some areas showers delayed or interfered with hay harvest. Rainfall in some areas made sufficient improvements to crops but in other areas water caused delays.

ALASKA: Days suitable for fieldwork 6.0. Topsoil 50% short, 50% adequate, as little rain fell. Subsoil 55% short, 45% adequate. Daytime high temperatures were in the seventies, eighties across the state. Lows were in the forties and fifties. Barley 20% in dough, 15% 5-yr avg.; 30% poor, 50% fair, 20% good.. Oat 80% headed, 15% poor, 40% fair, 45% good. Potatoes 10% in bloom, 5% poor, 20% fair, 70% good, 5% excellent. Hay 1st cutting harvest 80% complete, 5% poor, 30% fair, 55% good, 10% excellent. Range, pasture feeds 10% poor, 30% fair, 55% good, 5% excellent.

ARIZONA: Temperatures for the State were well above average for the week. Cotton 74% squaring, 99% 2002, 97% 5-yr avg.; 55% setting bolts, 72% 2002. Alfalfa conditions were mostly good, with harvest progressing at a normal rate. Small grain harvesting is nearing completion. Precipitation was reported at 5 of the 17 reporting stations with 0.06 to 0.50 inches. Range and pasture feeds have not improved.

ARKANSAS: Days suitable for fieldwork 6. Soil 3% very short, 37% short, 55% adequate, 5% surplus. Corn 98% Silked, 94% 2002, 56% 5-yr avg.; 40% dough, 22% 2002, 11% 5-yr avg.; Corn 0% very poor, 3% poor, 18% fair, 51% good, 28% excellent. Soybeans 96% planted, 99% 2002, 99% 5-yr avg.; 96% emerged, 97% 2002, 96% 5-yr avg.; 37% blooming, 30% 2002, 30% 5-yr avg.; 10% setting pods, 14% 2002, 10% 5 year avg.; 3% very poor, 9% poor, 30% fair, 44% good, 14% excellent Sorghum 77% heading, 66% 2002, 60% 5-yr avg.; 10% turning color, 12% 2002, 7% 5-yr avg.; 1% very poor, 3% poor, 30% fair, 50% good, 16% excellent. Cotton 94% squaring, 97% 2002, 99% 5-yr avg.; 43% setting bolts, 52% 2002, 58% 5-yr avg.; 1% very poor, 8% poor, 35% fair, 44% good, 12% excellent . Rice 5% headed, 7% 2002, 10% 5-yr avg.; 1% very poor, 4% poor, 25% fair, 49% good, 21% excellent. Winter Wheat: 99% harvested, 100% 2002, 99% 5-yr avg.; Hay -other: 0% very poor, 3% poor, 28% fair, 54% good, 15% excellent Hay - Alfalfa: 0% very poor, 2% poor, 28% fair, 66% good, 4% excellent Pasture, Range 0% very poor, 3% poor, 26% fair, 58% good, 13% excellent. Activities: Irrigating crops, spraying fungicides, insecticides, planting double cropped soybeans. Farmers are applying mid-season nitrogen on rice, applying herbicides in soybean, rice fields. Many rice fields are being treated for sheath blight, blast. Peaches, blackberries, tomatoes, watermelons are being harvested. LIVESTOCK: Livestock were reported to be in good condition. Throughout the past week, weather conditions have hampered harvesting hay, controlling weeds in pastures, hay meadows. Many farmers experienced difficulties trying to get hay dry between frequent scattered rain showers.

CALIFORNIA: Cotton plantings showed good growth. Blooms, squares were developing on earlier-planted crops. Cotton fields were cultivated, irrigated, fertilized, treated to control weeds, insect pests. Oats, barley, grain for certified seed continued to be harvested in many areas. Harvesting of wheat was nearing completion. The effects of stripe rust continued to show in several wheat fields, with low yields, light test weights exhibited. Straw in harvested grain fields was baled, stacked. Harvested grain fields were disked in preparation for double cropping or planted to next season's crop. Fields of corn were developing well. Harvesting of corn for grain, silage continued in several locations. Seed alfalfa, alfalfa hay fields were growing rapidly. Many seed alfalfa fields were still in bloom. Alfalfa hay continued to be cut, windrowed, baled, stacked. Irrigation, treatments to control insect pests were ongoing in alfalfa hay, seed fields. Sugar beet harvesting continued, with good yields reported. Maturing sugar beet fields were irrigated, treated to control insect pests, diseases as necessary. Steady development was reported in rice fields. Aerial herbicide applications were almost complete. Early-planted blackeye beans bloomed, were setting pods. Safflower fields continued to bloom. Earlier fields were drying down for harvest. Harvesting of spring potatoes was winding down in several locations. Stone fruit orchards across the State continued to produce an abundance of fruit for harvesting. Among the varieties harvested were Vista, Coral Princess peaches, Santa Rosa, Black Amber plums, Arctic Rose, Summer Grand nectarines, Golden Goose plums. Some growers treated their orchards to slow down the fruit ripening process. Others continued irrigation, cultivation, insect control treatments. Apple orchards were treated for codling moth. Cane cutting, irrigation, cultivation, treatments to control insect pests, diseases continued in grape vineyards. Harvesting of table grapes began in the Sanger, Selma districts. Harvesting of Flame Seedless and Perlette varieties continued in Kern County. Ideal weather conditions contributed to favorable grape development. However, temperature spikes in a few areas caused some damage in Red Globe varieties. Sulfur dust was applied as necessary. Fig harvesting continued. Pomegranates, avocados continued to size, develop well. Strawberry plots were being cleared, fumigated for nematodes. Olive orchards were treated to control olive fruit fly. Poor fruit set was reported in some areas. The new citrus crop was developing, sizing normally. Orchards were irrigated, treated to control insect pests. Picking, packing of Valencia oranges continued but remained slow. Red grapefruit harvesting was nearly complete. Lemon harvesting continued. Almonds were maturing steadily. Hull split continued slowly in the Sanger district. Heavily laden branches required props for support in many almond orchards. Some growers were spraying for mite control. Walnut orchards continued to be treated for codling moth. Irrigation, weed control treatments continued in many tree nut orchards. Summer vegetables continued to exhibit vigorous growth under ideal weather conditions. Planting of pole cucumbers for fall harvest was underway. Processing broccoli planting was expected to begin in August. Fresh market, processing tomatoes were sizing well, showing good color development. Irrigation, weeding continued in many tomato fields. Some growers were spraying processing tomatoes for worm control. Sweet corn was sprayed for mites and weeds. Aphid
all harvest expected to be completed over next two weeks. Some tobacco growers in Madison County picked at least to fourth leaf level on stalk. St. Johns County: some cover crops showing stress due to drought. Santa Rosa County: some cotton fields under stress due to nematode infestations; some stunting occurring; overall, peanuts, cotton in good condition. Melon harvesting finished, Columbia County; continuing in Taylor County. Columbia County: other vegetable harvesting very active. Taylor County: growers continue to pick peaches, cut okra. Tomato picking active. Quincy area. Most southern Peninsula growers preparing fields for fall crop planting, expected to start in late July or early August. Typical summer time weather, hot, humid citrus areas. High temperatures, showers, thunderstorms provide up to 3 to 4 in., some locations; others got nothing. Tropical Storm Claudette provided some showers, no wind. Growers controlling cover crops, spraying, replacing dead trees. Pasture feed 5% fair, 85% good, 10% excellent. Cattle condition 5% fair, 90% good, 5% excellent. Rainfall and pasture feed throughout State. Some pasture in Panhandle stressed by grasshoppers. Panhandle, north: having active when, where weather permits. Statewide, condition of cattle mostly good.

GEORGIA: Days suitable for field work 5.1. Soil 6% short, 71% adequate, 23% surplus. Corn 34% dent, 63% 2002, 55% avg.; 8% mature, 22% 2002, 15% avg. Hay 3% poor, 19% fair, 60% good, 18% excellent. Peanuts 89% blooming, 95% 2002, 93% avg. Sorghum 2% poor, 22% fair, 65% good, 11% excellent; 97% planted, 98% 2002, 96% avg. Soybeans 99% planted, 100% 2002, 98% avg; 95 emerged, 99% 2002; 94% avg. Tobacco 1% very poor, 8% poor, 29% fair, 49% good, 13% excellent; 20% harvested, 22% 2002, 19% avg. Watermelons 81% harvested, 86% 2002, 82% avg. Apples 7% poor, 25% fair, 61% good, 7% excellent; 5% harvested. 2% 2002, 1% avg. Peaches 59% harvested, 74% 2002, 74% avg. Pecans 4% poor, 28% fair, 56% good, 12% excellent. Cherries 86% harvested, 93% 2002, 92% avg. all crops harvested. Vegetables in southern Peninsula are in overall, peanuts, cotton in good condition. Fall potatoes 5% poor, 40% fair, 45% good, 10% excellent. Dry onions condition 1% very poor, 4% poor, 12% fair, 48% good, 35% excellent.

HAWAII: Dry trade winds and tropical storm remnants brought a slight increase in showers throughout the State during the past week. East side banana orchards remained in generally good condition with active harvest. Big Island papaya orchards were in fair to good condition, in active harvest. Vegetables remained in mostly fair to good condition, but some areas are still feeling the adverse effects of the dry weather.

IDAHO: Days suitable for fieldwork 6.9. Topsoil 20% very short, 41% short, 39% adequate, 0% surplus. Irrigation Water Supply is 4% very poor, 13% poor, 47% fair, 34% good, 2% excellent. Potatoes 12’ high 98%, 94% 2002, 86% avg.; Closing Middles 81%, 60% 2002, 50% avg.; 0% very poor, 1% poor, 4% fair, 74% good, 21% excellent. Cherries 86% harvested, 97% 2002, 76% avg. Winter Wheat 59% Turning Color, 57% 2002, 48% avg.; 0% very poor, 1% poor, 3% fair, 17% fair, 57% good, 23% excellent. Spring Wheat 98% Baled, 100% 2002, 93% avg.; 1% Turning Color, 19% 2002, 15% avg. Barley 95% Baled, 99% 2002, 93% avg.; 1% Turning Color, 19% 2002, 15% avg. Alfalfa Hay 1st cutting harvested 98%, 96% 2002, 94% avg.; 2” Cutting harvested 35%, 35% 2002, 32% avg. Mint Harvested (1st cutting) 5%, 4% 2002, 4% avg. Activities: Irrigating, cutting hay, preparing for grain harvest, controlling insects, weeds

ILLINOIS: Days suitable for fieldwork 3.7. Topsoil 1% very short, 7% short, 82% adequate, 10% surplus. Oats 89% filled, 96% 2002, 95% avg.; 60% Turning yellow, 77% 2002, 77% avg.; 26% Ripe, 29% 2002, 32% avg.; 6% Harvested, 12% 2002, 13% avg.; Alfalfa hay 2nd crop 67%, 67% 2002, 65% avg.; 3rd crop 5%, 6% 2002, 6% avg.; 1% poor, 19% fair, 61% good, 19% excellent. Red clover cut 94%, 94% 2002, 92% avg. Alfalfa hay conditions mostly fair to good. Last few days saw more showers, strong storms moved through most of the state, dropping up to ten inches of rain in parts of eastern state. Some wind damage to buildings, corn fields did occur in various parts of the state due to straight line winds, some
INDIANA: Days suitable for fieldwork 2.2. Topsoil 5% short, 42% adequate, 53% surplus. Subsoil 2% very short, 6% short, 56% adequate, 36% surplus. Heavy rain, thunderstorms during the week continued to cause severe flooding, ponding in fields. Major damage, loss of crops in river bottom fields. Total impact of weather damage undetermined at this time, but heavy losses expected. Many areas received over 4 inches of rain. Ponding in low lying areas of many fields. Wind damage exists in some fields. Corn plants growing rapidly. Many corn fields starting to enter the pollination stage. Weeds a problem in many soybean fields. Temperatures averaged 3° below to 4° above normal for the week. Precipitation averaged 0.20 to 5.19 inches. Spraying for weeds, insects continued. Winter wheat damaged by wind, ponding in some fields. Wheat harvest slowed by wet soils. Livestock were under some stress from standing water. Alfalfa hay 2nd cutting of 32% complete, 48% 2002, 63% avg. Tobacco plants being set is virtually complete. Pastures 2% very poor, 6% poor, 26% fair, 55% good, 11% excellent. Activities: Spraying for weeds, insects, cleaning up from water damage, moving grain to market, haulage manure, mowing, baling hay, certifying crop acreage, moving roadsides, cleaning up, repairing equipment, taking care of livestock.

IOWA: Days suitable for fieldwork 2.5. Topsoil 1% very short, 5% short, 76% adequate, 18% surplus. Subsoil 2% very short, 10% short, 73% adequate, 15% surplus. Moisture conditions ranged from very short to surplus across state due to widely scattered rain across the state. The storms that fell across northern state left behind some hail damage, wet areas in fields, green snap in corn, chlorotic soybeans. Other rains were a welcome drink for the crops. Rain has delayed some soybean applications of glyphosate. On average, corn grew 13 inches during the past week. Field Crops Report: Oat acreage 70% turning color, 2% harvested for grain, 0% very poor, 2% poor, 17% fair, 64% good, 17% excellent. Corn average ear height for stalks was 6 inches, the tallest corn height was 73 inches. Corn acreage 10% tasseled 3% acreage silked, 1% very poor, 3% poor, 11% fair, 56% good, 29% excellent. Soybean acreage 30% blooming, 71% 2002, 55% 5-yr avg.; 1% setting pods, 1% very poor, 3% poor, 15% fair, 57% good, 24% excellent. Alfalfa hay 2nd cutting of 40% complete, 0% very poor, 3% poor, 18% fair, 64% good, 15% excellent. Livestock, Pasture, Range Report: Due to rain, feedlots were muddy, but pastures have been lush. Pasture, Range feed 0% very poor, 3% poor, 19% fair, 57% good, 21% excellent

KANSAS: Topsoil 7% very short, 51% short, 41% adequate, 1% surplus. Subsoil 9% very short, 46% short, 45% adequate. Sunflowers 7% of blooming, 12% 2002, 14% avg.; 6% poor, 27% fair, 65% good, 2% excellent. Cotton 26% squarung, 1% very poor, 1% poor, 21% fair, 64% good, 13% excellent. Some fleahopper treatment on cotton. Range , pasture feed 7% very poor, 17% poor, 43% fair, 29% good, 4% excellent.

KENTUCKY: Days suitable for fieldwork 4.8. Topsoil 5% very short, 17% short, 63% adequate, 15% surplus. Subsoil 3% very short, 15% short, 69% adequate, 13% surplus. The central, eastern portions of state received rain, which was needed to benefit crops, the western part of the State is starting to need rain. Activity: Topping, cultivating tobacco, harvesting hay, clipping pastures, spraying for weeds. The condition of tobacco 3% very poor, 13% poor, 29% fair, 46% good, 9% excellent. The tobacco height was 62% under 24 inches, 28% to 36 inches, 10% over 36 inches. There were minimal reports of disease or insect problems in the tobacco. The rains brought weed growth, some low lying fields were flooded. Wheat nearly harvested at 99%, 99% 2002, 98% avg. Harvesting of hay continued to be one of the major farm activities this week. The hay crop 1% very poor, 4% poor, 24% fair, 44% good, 27% excellent. Pasture feed 1% very poor, 6% poor, 22% fair, 48% good, 23% excellent

LOUISIANA: Days suitable for fieldwork 2.7. Soil 3% short, 40% adequate, 57% surplus. Corn 1% poor, 19% fair, 54% good, 26% excellent; 82% dough stage, 57% last week, 84% 2002, 92% avg.; 11% mature, 5% last week, 24% 2002, 31% avg. Hay 98% 1st cutting, 96%last week, 99% 2002, 98% avg.; 25% 2nd cutting, 17% last week, 26% 2002, 24% avg. Peaches 72% harvested, 58% last week, 61% 2002, 77% avg. Rice 1% ripe, 0% last week, 10% 2002, 11% avg. Disease pressure remained high in many fields. Soybeans 100% planted, 95% last week, 100% 2002, 100% avg.; 95% emerged, 86% last week, 99% 2002, 99% avg. Planting of soybeans was completed. Sugarcane 4% very poor, 7% poor, 29% fair, 36% good, 24% excellent. Sweet potatoes 97% planted, 85% last week, 99% 2002, 99% avg. Livestock 4% poor, 26% fair, 61% good, 9% excellent. Vegetables 4% very poor, 14% poor, 37% fair, 38% good, 7% excellent

MARYLAND: Days suitable for fieldwork 4.0. Topsoil 4% short,70% adequate, 26% surplus. Subsoil 75% adequate, and 25% surplus. Corn 13% very poor, 18% poor, 33% fair, 27% good, 9% excellent; 15% silked, 45% 2002, 41% avg. Soybeans 10% very poor, 25% poor, 35% fair, 25% good, 5% excellent; 76% planted, 96% 2002, 94% avg. Sorghum 20% very poor, 10% poor, 40% fair, 20% good, 10% excellent. Peaches 4% harvested, 10% 2002, 15% avg. Snap Beans 14% harvested, 50% 2002, 32% avg. Sweet Corn 10% harvested, 27% 2002, 22% avg. Barley 93% harvested, 99% 2002, 99% avg. Hay supplies 15% very short, 36% short, 49% adequate. Other Hay 2nd cutting 34%, 49% 2002, 53% avg. Alfalfa Hay 2nd cutting 53%, 52% 2002, 84% avg. Wheat Winter Wheat 66% harvested, 93% 2002, and 88% avg. Pasture feed 2% very poor, 5% poor, 24% fair, 46% good, 23% excellent. Tobacco condition 17% poor, 40% fair, 36% good, d 7% excellent. Rain during the week delayed soybean planting, small grain harvest. Some corn fields are beginning to tassel, well behind the five-year average. Barley harvest is almost complete and wheat harvest is over half way complete. Test weights appear low for barley, wheat. Tobacco transplants are starting to bloom. Alfalfa, other hay harvest is well into the second cutting. Harvest of peaches, vegetables is beginning.

MICHIGAN: Days suitable for fieldwork 4.0. Topsoil 1.0% very short, 22% short, 66% adequate, and 11% surplus. Subsoil 6.0% very short, 27% short, 61% adequate, and 6.0% surplus. All hay 1st cutting 96%, 94% 2002, 94% avg.; 2nd cutting 25%, 35% 2002, 32% avg. Blueberries 8% harvested, NA 2002, NA avg. Corn height 35 in, 37 in 2002, 43 in avg. Dry beans 1.0% blooming, 3.0% 2002, 5.0% avg. Oats 13% turning yellow, 32% 2002, 51% avg.; 87% headed, 99% 2002, 97% avg.; 0% harvested, 2.0% 2002, 2.0% avg. Tart cherries 38% harvested, NA 2002, NA avg. Winter wheat 95% turning yellow, 96% 2002, 99% avg. Tracted northeast. Some rain cracking report. Apples harvest of 4th below normal western Upper Peninsula. The moderate temperatures relieved heat stress on crops. Much of State also received timely moisture. Precipitation amounts ranged from 0.55 inches west central Lower Peninsula to 2.00 inches northwest Lower Peninsula. The corn crop looked good, growing rapidly with rain, warm weather. Corn fields showed signs of tasseling. Soybeans took advantage of good growing conditions,flowering most areas. Wheat fields being prepared for harvest. Hay fields received more rain last week. The weather conditions last week saw fields down, most fields remained standing. The second cutting of alfalfa well underway. Rainy caused delays some areas. Yields and quality have been very good. Early oat fields showed signs of turning. Barrel, oats heading. Sugarbeets in Thumb region looking good. Dry beans that had emerged doing well. Some dry beans showing signs of root rot. Favorable weather last week helped fruit. Apples continued to size well. Apple market was hampered south of orchard high over pit hardening southwest. Some Oriental fruit moth flagged observed on peaches south. Tart cherry harvest southwest full swing. Frequent thunderstorms with high winds, hail damaged fruit, damage light and scattered. Some cherries blown off trees due to high winds. Wind whip common. Tart cherries northwest coloring. Cherry fruit flies reported across State. Sweet cherry harvest winding down southwest, just getting started northwest. Some rain cracking report. Apples harvest of New Jersey variety began southwest. European plums one inch diameter southwest. Pears one, one-quarter inch southwest. Blueberries coloring,

MINNESOTA: Days suitable for fieldwork 3.6. Topsoil 1% very short, 3% short, 74% adequate, 22% surplus. Corn 58 in height, 54 in. 2002, 54 in avg. Soybeans 16 in height, 17 in. 2002, 16 in avg. Spring Wheat 15% turning ripe, 16% 2002, 17% avg. Oats 25% turning ripe, 33% 2002, 36% avg. Barley 22% turning ripe, 19% 2002, 18% avg. Alfalfa 99%1st cutting, 94% 2002, 98% avg. Pasture feed 1% very poor, 3% poor, 19% fair, 61% good, 16% excellent. Sugarbeets 1% very poor, 4% poor, 23% fair, 55% good, 17% excellent. Dry Beans 2% very poor, 8% poor, 26% fair, 50% good, 14% excellent. Canola 0% very poor, 0% poor, 1% fair, 63% good, 36% excellent. Potatoes 1% very poor, 3% poor, 15% fair, 45% good, 36% excellent. Sunflowers 0% very poor, 5% poor, 15% fair, 67% good, 13% excellent. Crop development throughout the state was not hampered by the cool weather this past week. Strong winds have caused locally heavy green snap damage to corn in the West Central, Central districts. The statewide average temperature was 66.1°F which is 3.6°F below normal.

MISSISSIPPI: Days suitable for fieldwork 4.5. Soil 7% short, 63% adequate, 30% surplus. Corn 97% silked, 96% 2002, 97% avg.; 75% dough, 73% 2002, 75% avg.; 35% dent, 38% 2002, 45% avg.; 17% silage harvested, 20% 2002, 15% avg.; 1% very poor, 2% poor, 14% fair, 50% good, 33% excellent. Cotton 85% squaring, 93% 2002, 97% avg.; 48% setting bolts, 63% 2002, 70% avg.; 3% very poor, 6% poor, 17% fair, 51% good, 23% excellent. Rice 24% heading, 14% 2002, 19% avg.; 2% poor, 14% fair, 58% good, 26% excellent. Sorghum 74% heading, 71% 2002, 74% avg.; 13% turning color, 4% 2002, 12% avg.; 16% fair, 51% good, 31% excellent. Soybeans 80% blooming, 54% 2002, 75% avg.; 59% setting pods, 69% 2002, 79% avg.; 4% very poor, 6% poor, 13% fair, 9% good, 45% excellent. Hay 58% harvested (warm season), 58% 2002, 59% avg. Sweetpotatoes 98% planted, 100% 2002, 99% avg.; 7% very poor, 14% poor, 33% fair, 46% good. Watermelons 65% harvested, 59% 2002, 47% avg. Cattle 3% poor, 14% fair, 66% good, 17% excellent. Pasture 2% poor, 20% fair, 60% good, 18% excellent. Numerous rains, less sunlight has definitely delayed the progress of the State’s cotton crop. However, a significant amount of the State’s soybeans were planted early this year, this crop has utilized above normal rainfall to advance ahead of normal. Cotton (a tropical plant) needs more heat, sunlight to mature than soybeans.

MISSOURI: Days suitable for fieldwork 5.7. Topsoil 8% very short, 37% short, 53% adequate, 2% surplus. Driest areas are the northwest, west-central, south-central districts with moisture ratings of over 60% short or very short. Weather was favorable for the virtual completion of wheat harvesting, the continuation of haying. Condition of row crops held nearly steady as rain was received in most areas. Development of corn ranges from 26% silking, 1% dough stage in the northeast district to 100% silking, 41% dough stage in the southeast. Soybeans, blooming range from 6% or less central, south-central districts to 27% west-central. Wheat harvesting is 94% or greater in all districts with most districts virtually complete. Alfalfa 2nd crop cut 85%, 77% 2002, 72% avg.; 3rd cut 5%, 9% 2002, 4% avg. Other hay cut 91%, 88% 2002, 86% avg. Pasture feed 1% very poor, 11% poor, 38% fair, 44% good, 6% excellent. Rainfall averaged 1.08 inches, ranging from around 0.60 inch south-central, southeast districts to 2.41 inches in the northeast. Counties with heaviest rains in northeast include Knox, 6.34 inches, Clark, 4.78 inches, Lewis, 3.84 inches

MONTANA: Days suitable for fieldwork 6.4. Topsoil moisture is similar to the previous year’s rating, behind the 5-year average. Subsoil moisture is better than last year’s rating, in line with the 5-year average. Topsoil, subsoil moisture declined again over the past week. Most of state received some precipitation for the week. However, the southwest, south central parts of the state saw less in comparison. Statewide, Jordan received the greatest amount of precipitation for the week at 1.14 inches. Three stations in the central district tied for the high temperature at 101°F. The weather outlook for the week of July 21st through the 28th is for above normal temperatures across the entire state. Precipitation is forecast above normal east of the divide, near normal west of the divide. Normal temperatures for this period are lows in the lower 40’s to 60’s and highs in the mid 70’s to up to 80’s. Continued hot, dry weather over the past few weeks is negatively impacting small grain crops across the state. Respondents continue to report concern over the speed that grain crops are depleting soil moisture. In addition to moisture stress, grasshoppers continue to have a negative impact on the crop’s condition. Additionally, alfalfa weevil is starting to show up in some areas where producers have waited to make their first cutting. Currently, the first cutting of hay is well ahead of last year. The hot weather has aided in accelerating haying. As for grains, the above normal temperatures are stressing crops. Producers are hoping for a good rain shower to keep fields from burning up, stabilize yields. Barley 4% very poor, 8% poor, 25% fair, 49% good, 14% excellent. Oats 3% very poor, 5% poor, 26% fair, 52% good, 14% excellent. Spring wheat 2% very poor, 7% poor, 30% fair, 56% good, 5% excellent. Winter wheat 3% very poor, 8% poor, 31% fair, 47% good, 11% excellent. Impressive condition. Dry beans 0% very poor, 1% poor, 15% fair, 77% good, 7% excellent. All corn 1% very poor, 1% poor, 12% fair, 53% good, 33% excellent. Sugar beets 0% very poor, 1% poor, 12% fair, 43% good, 44% excellent. Potatoes 0% very poor, 0% poor, 25% fair, 46% good, 29% excellent. With the hot weather the past three weeks, range feeds are starting to deteriorate. However conditions continue to be better than last year. The areas hardest hit by the previous year’s drought have the potential to move from good or fair to poor conditions quickly.

NEVADA: Agricultural Summary The weather continued to be excellent for crop growth. First cutting of alfalfa hay near end completion as second cutting was in full swing. Haying of meadow grass, grain hay continued. Bees were out on alfalfa seed. Grass seed was nearing harvest. Melting barley turning color, winter wheat nearing harvest. Potatoes in good condition with rows covered, some blossoms. Row crop fields continued to be cultivated for weed control. Ranges, pastures were drying seasonally. Livestock movement was limited with some water shortages reported. Grasshopper, Mormon cricket infestations continued to plague some areas in state range. Black aphids, root nematodes in alfalfa fields were also reported. Activities: Haying, irrigating, weed control, baiting grasshoppers, crickets.

NEW ENGLAND: Days suitable for field work 5.8. Topsoil 9% very short, 25% short, 62% adequate, 4% surplus. Subsoil 9% very short, 23% short, 67% adequate, 1% surplus. Pasture feed 0% very poor, 7% poor, 46% fair, 40% good, 7% excellent. Maine Potatoes condition excellent/good. Rhode Island Potatoes condition good. Massachusetts Potatoes condition good. Maine Oats condition excellent/good. Maine Barley condition excellent/good. Field Corn 95% planted, 100% 2002, 100% avg.; 90% emerged, 99% 2002, 99% avg.; condition good/fair. First Crop Hay: 80% harvested, 83% 2002, 85% avg.; condition good/fair. Second Crop Hay: 10% harvested, 25% 2002, 25% avg.; condition good/fair. Shade Tobacco 0% harvested, 5% 2002, 5% avg.; condition fair/good. Broadleaf Tobacco 100% transplanted, 100% 2002, 100%
NEW JERSEY: Days suitable for field work were 5.7. Top soil 4% short, 73% adequate, 23% surplus. There were measurable amounts of rainfall during the week over most of the state. There was some hail damage last Sunday in southern parts of the State. Activities: Harvesting wheat, cutting hay, spraying pesticides, herbicides, cultivating fields. Small grains, hay crops were rated in fair to good condition. Low wheat yields, in some areas, were attributed to glume blotch, head scab infestation. Leafflopather population levels rose dramatically in some southern state alfalfa fields. Potato vines were down, in some fields, in preparation for harvest. Sweet potatoes were rated in good condition. Vegetables were in fair to good condition as harvest activities continued where conditions allowed. Some sweet corn fields began to show tassel, irrigating their crops. Activities: Planting sweet corn, field corn; finishing transplanting broadleaf tobacco; cutting haylage, making dry hay; harvesting highbush blueberries, strawberries, vegetables; spreading manure; mowing; cultivating; hillling potatoes; irrigating; top-dressing, side-dressing fields with fertilizer; monitoring fields; applying herbicides, insecticides, fungicide.

NEW MEXICO: Days suitable for fieldwork 6.8. Topsoil 54% very short, 32% short, 14% adequate. Most of state experienced a dry, hot week with temperatures a little above normal. Afternoon readings hit 100° at many locations below 6000 feet, even Chama reached the 90’s. Precipitation was mainly confined to hit, miss thunderstorms over the south, mainly on the 8” and 10”. Las Cruces reported the greatest amount (.75”), while radar data suggested some other spots in south, southwest state likely picked up between one half inch, one inch of rain. Hail damage 1% light. Wind damage 16% light, 1% moderate. Alfalfa 2nd cut at 92%, 45% 3rd, 2% 4th. Alfalfa conditions were listed as mostly fair to good. Corn conditions reported in mostly fair to excellent, 37% silked, (tasseled) and 4% droughing. Cotton was reported in mostly fair to good condition, 87% squaring, 21% setting bolls. Cotton progress is pegging out, making dry hay; harvesting highbush blueberries, strawberries, vegetables; spreading manure; mowing; cultivating; hillling potatoes; irrigating; top-dressing, side-dressing fields with fertilizer; monitoring fields; applying herbicides, insecticides, fungicide.

NEW YORK: Days suitable 5.0. Soil 2% very short, 25% short, 69% adequate, 4% surplus. Pasture feed 9% poor, 22% fair, 51% good, 18% excellent. Hay condition 5% poor, 28% fair, 52% good, 15% excellent. Alfalfa 1st cutting 94% complete, 86% 2002. Clo-tim 90% harvested, 61% 2002. Dry beans 91% seeded, 94% 2002. Oat condition 1% poor, 13% fair, 72% good, 12% excellent. Sweet cherry harvest winding down. Processing pea harvest 66% complete. Vegetable planting near complete.

NORTH CAROLINA: Days suitable for field work 4.9. Soil 0% very short, 4% short, 68% adequate, 28% surplus. The week’s weather pattern brought high temperatures, evening storms to much of the State. Some storms were strong, caused wind, hail, drowning damage to tobacco, soybeans, cotton. Wet weather ruined some hay which had already been cut. Pest pressure continues to be intense with reports of horn worms, blue mold in tobacco, army worms in late planted soybeans. Activities: Planting, replanting soybeans; cultivating, topping, spraying, harvesting tobacco; harvesting Irish potatoes, vegetables; making hay; spraying, fertilizing crops.

NORTH DAKOTA: Days suitable for fieldwork 5.7. Topsoil 5% very short, 14% short, 68% adequate, 13% surplus. Subsoil 5% very short, 16% short, 67% adequate, 12% surplus. Condition ratings for most crops declined when compared to last week due to hot, dry conditions in the south west, abnormally wet conditions in the central, eastern parts of the state. Durum wheat 90% jointing, beyond, 94% 2002, 91% avg.; 74% in the boot stage, beyond, 66% 2002, 70% avg.; 55% headed, beyond, 39% 2002, 45% avg.; 23% milk stage, beyond, 15% 2002, 13% avg.; 2% turning, beyond, 3% 2002, 2% avg. Canola 99% rosette stage, beyond, 100% 2002, 99% avg.; 91% blooming, beyond, 90% 2002, 89% avg.: 6% turning, beyond, 5% 2002, 5% avg. Dry Edible Beans 23% blooming, beyond, 26% 2002, 30% avg. Flaxseed 64% blooming, beyond, 61% 2002, 58% avg. Potatoes 71% blooming, beyond, 42% 2002, 51% avg.; 45% rows filled, beyond, 37% 2002, 44% avg. Sunflowers 1% blooming, beyond, 1% 2002, 1% avg. Durum Wheat 1% very poor, 2% poor, 20% fair, 71% good, 6% excellent. Canola 1% very poor, 2% poor, 15% fair, 60% good, 22% excellent. Dry Edible Beans 0% very poor, 5% poor, 17% fair, 59% good, 19% excellent. Flaxseed 1% very poor, 3% poor, 18% fair, 64% good, 14% excellent. Potatoes 0% very poor, 1% poor, 13% fair, 65% good, 21% excellent. Sugarbeets 0% very poor, 0% poor, 10% fair, 57% good, 33% excellent. Sunflower 1% very poor, 2% poor, 20% fair, 59% good, 18% excellent. All hay 1% very poor, 6% poor, 28% fair, 52% good, 13% excellent. Alfalfa 1st cutting of was 91% complete, 62% of all other hay had been cut. Stockwater supplies 3% very short, 8% short, 84% adequate, 5% surplus. Pasture, range feeds 2% very poor, 7% poor, 28% fair, 50% good, 13% excellent.

OHIO: Days suitable for fieldwork 1.0. Topsoil 0% very short, 1% short, 35% adequate, 64% surplus. Alfalfa hay 2nd cutting complete 23%, 49% 2002, 53% avg. Corn 6% silking, 4% 2002, 15% avg. Oats 14% ripe, 25% 2002, 39% avg.; 1% harvested. Other hay 1st cutting complete 90%, 98% 2002, 98% avg.; 2nd cutting complete 8%, 29% 2002, 31% avg. Soybeans blooming 23%, 17% 2002, 44% avg. Winter whea 94% ripe, 96% 2002, 98% avg.; 11% harvested, 82% 2002, 82% avg. Cucumbers 93% planted, 100% 2002, 100% avg. Summer apples 12% harvested, 15% 2002, 17% avg. Peaches 3% harvested, 5% 2002, 6% avg. Corn 4% very poor, 11% poor, 30% fair, 41% good, 14% excellent. Hay conditions 5% very poor, 9% poor, 34% fair, 43% good, 9% excellent. Corn conditions 6% very poor, 9% poor, 51% fair, 45% good, 7% excellent. Pasture feeds 1% very poor, 5% poor, 24% fair, 54% good, 16% excellent. Soybean conditions 5% very poor, 11% poor, 33% fair, 41% good, 10% excellent. Winter wheat conditions 3% very poor, 8% poor, 26% fair, 46% good, 17% excellent. Summer thunderstorms struck almost every day last week dumping large amounts of rain across much of state. Respondents indicated parts of Mercer county received as much as 16 inches of rain since the fourth of July. There are reports of damage to crops from heavy rains and high winds. Field activities were put on hold, in most locations, as farmers wait for the fields to dry out. Where field conditions were favorable, producers harvested winter wheat and oats. Fruit growers continue to harvest summer apples, peaches. Farmers repaired fences damaged by the storm, cleared downed trees. Vegetable producers harvested fresh market tomatoes, sweet corn, hot peppers, green beans. Vegetation control has become a priority for growers as recent rains have bolstered weed populations.

OKLAHOMA: Days suitable for fieldwork 6.7 Topsoil 12% very short, 43% short, 44% adequate, 1% surplus. Subsoil 12% very short, 32% short, 54% adequate, 2% surplus. Wheat 78% plowed, 57% last week, 80% 2002, 70% avg. Oats 95% harvested, 86% last week, 94% 2002, 96% avg.; 64% plowed, 46% last week, 76% 2002, 64% avg. Corn 14% fair, 31% good, 55% excellent; 42% silking, 38% last week, 77% 2002, 48% avg.; 23°dough, 16% last week, 49% 2002, 22% avg.; 5% mature, n/a last week, 9% 2002, 2% avg. Sorghum 95% emerged, 93% last week, 87% 2002, 92% avg. Soybeans 1% poor, 35% fair, 47% good, 17% excellent; 54% planted, 90% last week, 94% 2002, 94% avg.; 94% emerged, 83% last week, 95% 2002, 87% avg.; 23% blooming, 15% last week, 38% 2002, 29% avg.; 4% setting pods, n/a last week, 19% 2002.
OREGON: Days suitable for fieldwork: 7.0. Topsoil 20% very short, 53% short, 27% adequate. Subsoil 27% very short, 45% short, 28% adequate. Barley 95% adequate last 10 weeks. 11% harvested, 9% last week, 20% 2002, 20% avg. Livestock 1% poor, 17% fair, 59% good, 23% excellent. Pasture: Range 1% very poor, 6% poor, 29% fair, 54% good, 10% excellent. Livestock: Livestock feeds remained rated as mostly fair to excellent. Livestock insect activities were rated as light to moderate with some areas reporting heavy activity. Cattle auctions reported an average increase in marketings for the week. The price for feeder steers less than 800 pounds increased just over two dollars per cwt. from last week, averaged $92.77 per cwt. The average price for feeder heifers less than 800 pounds increased twenty-one cents per cwt. from last week, averaged $86.60 per cwt.

SOUTH CAROLINA: Days suitable for fieldwork 5.0. Soil 3% short, 56% adequate, 41% surplus. Corn 95% silked, 99% 2002, 97% avg.; 54% doughed, 73% 2002, 62% avg.; 4% matured, 25% 2002, 24% avg.; 1% poor, 15% fair, 60% good, 24% excellent. Soybeans 99% planted, 100% 2002, 99% avg.; 98% emerged, 98% 2002, 97% avg.; 11% bloomed, 18% 2002, 20% avg.; 3% pods set, 5% 2002, 8% avg.; 3% poor, 19% fair, 71% excellent. Sorghum 66% headed, 67% 2002, 61% avg.; 25% turned color, 27% 2002, 25% avg.; 85% good, 15% excellent. Cotton 60% squared, 79% 2002, 76% avg.; 5% bolls set, 26% 2002, 24% avg.; 2% poor, 23% fair, 71% good, 4% excellent. Peanuts 56% pegged, 62% 2002, 55% avg.; 1% poor, 12% fair, 75% good, 12% excellent. Winter Wheat 99% harvested, 100% 2002, 100% avg. Barley 100% harvested, 100% 2002, 100% avg. Pastures 6% fair, 80% good, 14% excellent. Rye 94% harvested, 100% 2002, 100% avg. Oats 99% harvested, 100% 2002, 100% avg. Sweetpotatoes 100% planted, 100% 2002, 100% avg.; 100% good. Tobacco 82% topped, 87% 2002, 84% avg.; 13% harvested, 14% 2002, 11% avg.; 6% poor, 24% fair, 62% good, 8% excellent. Grain Hay 100% harvested, 100% 2002, 100% avg. Other Hay 52% harvested, 64% 2002, 63% avg. Hay 1% poor, 17% fair, 72% good, 10% excellent. Peaches 42% harvested, 51% 2002, 54% avg; 3% very poor 2% poor, 8% fair, 62% good, 25% excellent. Apples 34% fair, 68% good. Snapbeans 96% harvested, 98% 2002, 88% avg. Cucumbers 98% harvested, 98% 2002, 99% avg. Watermelons 68% harvested, 75% 2002, 81% avg.; 18% poor, 35% fair, 47% good. Tomatoes 92% harvested, 82% 2002, 90% avg.; 3% fair, 70% good, 27% excellent. Cantaloupes 80% harvested, 76% 2002, 83% avg.; 50% fair, 50% good. Livestock 10% fair, 74% good, 16% excellent.

SOUTH DAKOTA: Days suitable for fieldwork 5.2. Topsoil 4% very short, 19% short, 65% adequate, 12% surplus. Subsoil 10% very short, 23% short, 54% adequate, 13% surplus. Feed supplies 3% very short, 14% short, 76% adequate, 5% surplus. Stock water supplies 16% very short, 19% short, 57% adequate, 8% surplus. Winter Wheat 98% turning color, 79% 2002, 91% avg.; 51% ripe, 74% 2002, 50% avg. Winter Rye 2% poor, 44% fair, 43% good, 11% excellent; 92% turning color, 88% 2002, 83% avg.; 13% ripe, 39% 2002, 29% avg.; 0% harvested, 2% 2002, 2% avg. Barley boot 100%, 100% 2002, 100% avg.; 46% turning color, 46% 2002, 46% avg.; 1% ripe, 15% 2002, 10% avg. Oats 41% turning color, 67% 2002, 51% avg.; 6% ripe, 27% 2002, 19% avg. Spring Wheat 50% turning color, 64% 2002, 51% avg.; 2% ripe, 24% 2002, 12% average. Winter Wheat 1% very poor, 4% poor, 36% fair, 50% good, 9% excellent; 2% blooming, 1% 2002, 6% avg. Corn height 47 in., 47 in. 2002, 46 in. avg. Corn cultivated or sprayed once 100%, 94% 2002, 95% avg. Corn cultivated or sprayed twice 78%, 78% 2002, 68% avg. Corn tasseled 7%, NAA 2002, NA% avg. Cattle condition 2% poor, 15% fair, 63% good, 20% excellent. Sheep condition 2% poor, 11% fair, 59% good, 28% excellent. Range, Pasture 5% very poor, 9% poor, 25% fair, 49% good, 12% excellent. Alfalfa hay 2% very poor, 6% poor, 28% fair, 48% good, 16% excellent. Alfalfa hay 1st cutting harvested 100%, 93% 2002, 95% avg.; 2nd cutting harvested 35%, 30% 2002, 31% avg. Other hay harvested 71%, 57% 2002, 57% avg. Some farmers and ranchers got a break from the excessive heat of the previous week, as many areas of the state received rain showers, below-normal temperatures. Although showers did move across the state, damaging hail was also brought to some areas. Activities: Harvesting small grains, cutting hay, spraying, fixing fences, cultivating, working with cattle.

 PENNSYLVANIA: Days suitable for field work 4.0. Soil 2% very short, 8% short, 69% adequate, 21% surplus. Corn height 32 inches, 44 inches 2002, 44 inches avg.; 3% very poor, 9% poor, 28% fair, 33% good, 27% excellent. Barley 94% ripe, 98% 2002, 96% avg.; 81% harvested, 93% 2002, 91% avg. Winter wheat 96% turning yellow, 99% 2002, 98% avg.; 48% ripe, 87% 2002, 84% avg.; 7% harvested, 68% 2002, 53% avg.; 5% very poor, 9% poor, 30% fair, 43% good, 13% excellent. Oats 89% headed, 91% 2002, 94% avg.; 1% turning yellow, 55% 2002, 56% avg.; 1% very poor, 11% poor, 44% fair, 38% good, 6% excellent. Soybeans 97% planted, 99% 2002, 99% avg.; 83% emerged, 98% 2002, 97% avg.; 4% very poor, 9% poor, 37% fair, 34% good, 16% excellent. Alfalfa 1st cutting 93% complete, 97% 2002, 97% avg.; 2nd cutting 26% complete, 62% 2002, 57% avg.; 4th cutting 7% complete, 15% 2002, 8% avg. Timothy clover 1st cutting 73% complete, 88% 2002, 88% avg. Peach crop condition 14% fair, 86% good, 5% harvested complete, 10% 2002, 6% avg. Apple crop condition 28% fair, 72% good. Quality of hay made 8% very poor, 18% poor, 24% fair, 35% good, 15% excellent. Pasture feeds 1% very poor, 9% poor, 33% fair, 43% good, 14% excellent. Activities: Planting soybeans; making haylage, baleage, dry hay; spraying herbicides; spreading manure; spreading lime, fertilizer; caring for livestock.

 TENNESSEE: Days suitable for fieldwork 5.0. Topsoil 1% very short, 14% short, 77% adequate, 8% surplus. Subsoil 1% very short, 8% short, 83% adequate, 8% surplus. Tobacco 1% very poor, 7% poor, 28% fair, 52% good, 12% excellent. Pastures 2% poor, 16% fair, 65% good, 17% excellent. Alfalfa hay 2nd 77% cutting, 75% 2002, 75% avg. Recent warm weather, scattered showers have been excellent for the State’s crop development. Many farmers report they are in need of more rain, especially to improve double crop soybeans, late planted corn, cotton. Tobacco farmers were busy topping their crops, scouting fields for insects, disease. Some producers are treating for black shank, blue mold. Activities: Spraying herbicides, insecticides, cutting hay.
TEXAS: Agricultural Summary: Last week attention turned toward the Gulf as Tropical Storm Claudette veered toward the state coast. Producers from the Rio Grande Valley to the Upper Coast kept a close eye on the storm. Landfall was expected to be in the Corpus Christi area with winds of at least 65 mph with possible strengthening to a minimal hurricane. The Plains experienced hot, unusually humid conditions. Some locations got rain but a majority of the area received none. The most precipitation fell in East State, the Upper Coast, the Coastal Bend, the Rio Grande Valley. Many areas recorded 1 to 2 inches for the week with some locations reporting up to 5 inches. Showers moving up from the Gulf mostly dissipated as they made their way into Central State. The Trans Pecos region reported scattered showers with west winds under an inch. Scattered rain was also recorded in North State, the Edwards Plateau. Crops that received recent moisture were responding well. Earlier planted row crops were quickly approaching maturity, were being harvested in South State. Crops in the High Plains were making fast progress with the high temperatures and humidity. Hay harvest continued where conditions allowed. Pastures, ranges were improving in areas which have received recent moisture. Some parts of the State retained dry and had to be treated with supplemental feeding to sustain conditions. Some nitrogen deficient in spots. Some drownded out corn harvested for Hay or Silage, 63% 2002, 49% avg. Other Hay Cut 18%, 25% 2002, 28% avg. Alfalfa Hay 1% very poor, 9% poor, 35% fair, 77% good, 15% excellent. Alfalfa hay 2nd cutting 31%, 33% 2002, 31% avg. Barley Condition 0% very poor, 2% poor, 22% fair, 65% good, 11% excellent. Cattle/Calves Condition 1% very poor, 3% poor, 25%fair, 58% good, 13% excellent. Corn Height 40 inches, 46% 2002, 40% avg. Other Hay Cut 25%, 38% 2002, 25% avg. Range/Brush Conditions 7% very poor, 17% poor, 34% fair, 38% good, 3% excellent. Sheep Condition also very poor, 4% poor, 20% fair, 64% good, 9% excellent. Spring Wheat 11% harvested, 1.0% 2002, 1.0% avg.; 0% very poor, 9% poor,24% fair, 59% good, 8% excellent. Sweet Cherries picked 89%, 91% 2002, 78% avg. Tart Cherries picked 39%, 2002, 72% avg. Winter Wheat 14% harvested, 3.0% 2002, 6.0% avg.; 0% very poor, 15% poor, 30% fair, 46% good, 9% excellent. All seven days were suitable for field work last week. Dry, hot conditions continued through this week. For the second straight week there was virtually no precipitation in the state. Many areas experienced temperatures above 105°. Farmers used their time to spray fields, irrigate crops, harvest fields, tend livestock. Winter wheat harvest has begun. Reports of crop damage from spring frost, hail, lack of moisture concerned farmers. Spring wheat harvest started this week in some areas. The harvest is sooner than past years because of the hot, dry weather. Despite these circumstances, the majority of the livestock in the state was in good condition. Non-irrigated pastureland has been hardest hit by this extended dry spell. Not all the livestock will be placed on summer ranges due to these conditions.

UTAH: Days suitable for fieldwork 7.0. Topsoil 21% very short, 43% short, 36% adequate, 0% surplus. Subsoil 19% very short, 43%short, 38% adequate, 0% surplus. Irrigation Water Supplies 28% very short, 40% short, 32%adequate, 0% surplus. Stock Water Supplies 11% very short, 49% short, 49% adequate, 0% surplus. Alfalfa hay 2nd cutting 31%, 33% 2002, 31% avg. Barley Condition 0% very poor, 2% poor, 22% fair, 65% good, 11% excellent. Cattle/Calves Condition 1% very poor, 3% poor, 25%fair, 58% good, 13% excellent. Corn Height 40 inches, 46% 2002, 40% avg. Other Hay Cut 25%, 38% 2002, 25% avg. Range/Brush Conditions 7% very poor, 17% poor, 34% fair, 38% good, 3% excellent. Sheep Condition also very poor, 4% poor, 20% fair, 64% good, 9% excellent. Spring Wheat 11% harvested, 1.0% 2002, 1.0% avg.; 0% very poor, 9% poor,24% fair, 59% good, 8% excellent. Sweet Cherries picked 89%, 91% 2002, 78% avg. Tart Cherries picked 39%, 2002, 72% avg. Winter Wheat 14% harvested, 3.0% 2002, 6.0% avg.; 0% very poor, 15% poor, 30% fair, 46% good, 9% excellent. All seven days were suitable for field work last week. Dry, hot conditions continued through this week. For the second straight week there was virtually no precipitation in the state. Many areas experienced temperatures above 105°. Farmers used their time to spray fields, irrigate crops, harvest fields, tend livestock. Winter wheat harvest has begun. Reports of crop damage from spring frost, hail, lack of moisture concerned farmers. Spring wheat harvest started this week in some areas. The harvest is sooner than past years because of the hot, dry weather. Despite these circumstances, the majority of the livestock in the state was in good condition. Non-irrigated pastureland has been hardest hit by this extended dry spell. Not all the livestock will be placed on summer ranges due to these conditions.

VIRGINIA: Days suitable for fieldwork 4.7. Topsoil 3% short, 52% adequate, 45% surplus. Subsoil 2% short, 69% adequate, 29% surplus. Pastures, ranges were improving in areas which have received recent moisture. More fields across north central growing areas were turning color. Central State producers were gearing up for harvest within the next few weeks. Producers in the Coastal Bend, Rio Grande Valley were beginning harvest as conditions allowed but were shutting down as the tropical storm loomed in the Gulf. Sorghum 71% normal, 66% 2002. Peanuts: Plants made good progress, were able to begin picking for peanuts this week. Most peanuts were benefiting greatly from the increased moisture. Peanut 88% normal, 87% 2002. Rice: Fields were heading out, making good progress. Many fields were running a little behind in development due to the late start. Rice 88% normal, 92% 2002. Soybeans: Planting of remaining soybeans on the Plains was complete. Early planted fields were reaching maturity along the Upper Coast. Crop progress was generally good across the state. Commercial Vegetables, Fruit, Peanuts in the Rio Grande Valley harvest of remaining vegetables was delayed due to scattered rainfall. Watermelon, cantaloupe harvest was nearing completion. In the San Antonio-Winter Garden, producers with unharvested cantaloupes, onions were accessing damage from excessive rain the week before. Producers that missed the heavy rain were continuing harvest in the late week. Watermelon harvest nearly complete. In East State, harvest of watermelons was in full swing as conditions allowed. Peach yields were favorable due to early season rains. In the produce vegetative crops, fungicides were desirable. Peaches and Grapes; Pecans were growing well, many nuts were entering dough stage. Development was favorable with recent rainfall. Grapes were also in good condition, plumping up nicely. Range, Livestock: Range, pastures were responding well in areas that recently received rainfall. Hay cutting was in full swing where conditions allowed. Non-beneficial weeds were a problem in many pastures. Many producers were cutting, spraying brush. Supplemental feeding continued in many areas. Wheat harvest was in full swing with most of the State. Livestock supplies were abundant in almost all areas of the State. Livestock were mostly in good condition. Weaning, selling of calves was in progress for many producers. Stock tanks, which had been getting low, were filled by rains in some areas. Horn, heel flies remained a nuisance
WASHINGON: Days suitable for fieldwork averaged 6.9. Topsoil 27% very short, 40% short, 33% adequate. Subsoil 6% very short, 35% short, 59% adequate. Irrigation water supplies 7% short, 93% adequate. The highest temperature in the state was 104° in Hanford. The lowest temperature in the state was 40° in Deer Park. Winter wheat 3% harvested, 3% very poor, 8% poor, 27% fair, 47% good, 15% excellent. Spring wheat 100% headed, 4% very poor, 12% poor, 47% fair, 35% good, 2% excellent. Barley 100% headed, 4% very poor, 14% poor, 41% fair, 36% good, 5% excellent. Across the Palouse, dry conditions continued to negatively impact crops. Heads of some spring grains were not filling, reducing yield expectations for spring crops. Expectations for good winter wheat yields remain, with harvest to begin soon. Potatoes in the Columbia Basin were reported to be sizing well. In the west, non-irrigated potatoes were weak, stunted, wilting. Christmas tree growers reported mortality on tree seedlings due to dry conditions. Potatoes 7% harvested, 4% fair, 68% good, 28% excellent. Corn 3% fair, 96% good, 1% excellent. Dry peas 1% harvested. Dry edible beans 3% fair, 62% good, 35% excellent. Processing green peas 70% harvested. Alfalfa 1st cutting 100% complete, 2nd cutting 78% complete. Hay, other roughage supplies 1% very short, 2% short, 88% adequate, 9% surplus. Range, pasture feeds 2% very poor, 15% poor, 49% fair, 34% good. Some livestock producers in western state were feeding hay due to the lack of available forage on dried up pastures. Pastures in the central, eastern regions also had reports of little soil moisture remaining. Vegetable crops were in full production in Kitsap County with great growing conditions. In the west, harvest was underway on greenhouse tomatoes, green peas, raspberries, blueberries, strawberries, lettuce, onions. Cherry harvest in Benton County was nearly complete while apricot, peach harvest began. Other crops being harvested included mint, potatoes, carrots, alfalfa, sweet corn.

WEST VIRGINIA: Days suitable for field work 3.5. Topsoil 67% adequate, 33% surplus, 3% very short, 22% short, 73% adequate, 2% surplus 2002. Corn 10% poor, 30% fair, 54% good, 6% excellent; 95% planted, 100% 2002. 100% 5-yr avg.; 90% emerged; 2% silked, 14% in 2002, 10% 5-yr avg. Soybeans 1% poor, 25% fair, 74% good; 93% planted, 100% in 2002. 99% 5-yr avg.; 82% emerged; 2% blooming, 13% in 2002, 11% 5-yr avg. Winter Wheat 7% poor, 45% fair, and 48% good; 38% harvest for grain, 88% 2002, 59% 5-yr avg. Oats 13% poor, 48% fair, 34% good, 5% excellent; 77% headed, 87% in 2002, 87% 5-yr avg.; 7% harvested, 12% 2002, 8% 5-yr avg. Tobacco 12% poor, 47% fair, 41% good; 1% topped. Hay 1% very poor, 8% poor, 34% fair, 48% good, 9% excellent; 1% cutting 70 % complete, 95% in 2002, 90% 5-yr avg; 2nd cutting 10% complete, 28% 2002,19% 5-yr avg. Apples 10% poor, 46% fair, 43% good, 1% excellent; Peaches 7% poor, 34% fair, and 58% good, 1% excellent. Cattle, calves 1% poor, 23% fair, 71% good, 5% excellent. Sheep, Lambs 1% poor, 15% fair, 78% good, 6% excellent. Weather extremes disrupted most farming activities. A series of heavy thunderstorms crossed the state the past week. Activities: Haying, planting, limited grain harvesting. Some pest problems were reported in both crops, livestock due to damp conditions.

WISCONSIN: Days suitable for fieldwork 3.1. Soil 1% very short, 10% short, 77% adequate, 12% surplus. Typical summer weather has arrived in the Badger State. Rains were a common occurrence over most of the state for the past week. Precipitation amounts were mostly manageable with some scattered heavy rains. Rainfall for the week was in the one to two inch range. The scattered showers, warm temperatures advanced crop growth. Temperatures for the week were 3-4° below normal, but were sufficient for good growth. Pasture field feeds 1% very poor, 3% poor, 28% fair, 53% good, 15% excellent.

WYOMING: Days suitable for field work 7.0. Topsoil 11% very short, 46% short, 43% adequate. Subsoil 19% very short, 54% short, 27% adequate. Winter wheat 28% mature, 65% 2002, 47% 5-yr avg.; 1% harvested, 2002 41%, 18%, 5-yr avg.; 2% very poor, 4% poor, 24% fair, 70% good. Barley 84% headed, 68% 2002, 77% 5-yr avg.; 39% turning color, 2002 28%, 31% 5-yr avg.; 24% fair, 59% good, 17% excellent. Oats 57% headed, 51% 2002, 58% 5-yr avg.; 13% turning color, 2002 9%, 12% 5-yr avg.; 29% fair, 60% good, 11% excellent. Spring wheat 35% headed, 80% 2002, 70% 5-yr avg.; 10% turning color, 19% 2002.