ALASKA: Days suitable for fieldwork 5.0. Topsoil 4% very short, 22% short, 59% adequate, 15% surplus. Corn 100% doughed, 100% 2003, 98% avg.; 99% dented, 96% 2003, 93% avg.; 77% mature, 73% 2003, 76% avg.; condition 0% very poor, 5% poor, 13% fair, 56% good, 26% excellent. Soybeans 99% blooming, 73% 2003, 92% avg.; 78% setting pods, 71% 2003, 77% avg.; 25% dropping leaves, 1% 2003, 10% avg.; condition 1% very poor, 5% poor, 15% fair, 68% good, 11% excellent. Pasture feed 1% very poor, 6% poor, 32% fair, 47% good, 14% excellent. Livestock condition 0% very poor, 3% poor, 23% fair, 51% good, 23% excellent. Rain was received across much of the state.

ARIZONA: Temperatures for the State were below normal for the fourth week of August. Alfalfa condition remains mostly good. Cotton bolls have opened on sixty percent of the acreage ahead of last year and the 5-year average. Precipitation was reported at 2 of the 17 reporting stations, ranging from 0.01 inches in Flagstaff to 0.20 inches in Gila Bend. Some alfalfa growers had completed their sixth cutting, were preparing for the seventh. Corn fields were treated with insecticides. Corn continued to be harvested for seed, feed, human consumption. Silage corn was green chopped, hauled to dairies. Blackeye bean fields exhibited strong growth. Sugar beet harvesting continued, with good yields reported. Safflower harvesting was nearing completion. Potato, sweet potato harvesting continued. Harvesting of raisin grapes gained momentum as vineyards reached maturity. Approximately 20% of the crop was harvested, with the majority drying on trays. Cultivation and terracing continued in many raisin grape vineyards to prepare for harvest. Fruit in dried-on-the-vine vineyards was drying evenly, but no harvesting was reported. Wine grape harvesting continued. Picking, packing of table grapes continued steadily. Thompson Seedless, Flame Seedless were among the varieties harvested. Harvesting of stone fruit continued in most locations. Varieties reported included O’Henry peaches. Autumn Blaze nectarines, Howard Sun plums, Flavor Grenade pluots. Irrigation, cultivation, summer pruning were ongoing in stone fruit orchards. Piled stumps, brush were being burned for burning or recycling where orchards, vineyards had been removed. Pomegranates, almonds, walnuts were picked, packed, shipped. Persimmons were gaining size steadily with irrigation underway as needed, but external coloring slowed because of warm temperatures. Shipments of Valencia oranges were sluggish due to poor fruit quality. Puff of large fruit, soft rind, regreening affected packouts. Steady fruit development continued in most citrus orchards thanks to the excellent weather conditions. Citrus groves were irrigated, treated with insecticides, herbicides, fertilizer. Lemon harvesting began in Imperial County. Olive orchards were treated for fruit flies. Almond harvesting continued across the State. Late variety almond orchards were being prepared for harvest. Steady crop maturity continued in pistachio, walnut, pecan orchards. Irrigation was underway in several areas. Walnut orchards were treated for husk fly, codling moth. Summer vegetable fields continued to be cultivated, irrigated, treated to control insect pests as needed. Worm sprays were applied to cucumber seed, melon, tomato fields. Some bean and fresh market tomato fields were sprayed for aphids. Transplanting of broccoli, cauliflower for fall harvesting continued. Spinach was planted in Tulare County. Harvesting of both fresh market, processing tomatoes, cantaloupe, honeydew, watermelon, peppers, squash, sweet corn, snap beans, eggplant continued. Harvesting of onions, garlic in Fresno County continued, but at a slower pace. The following vegetables were also harvested: amaranth, basil, bittersweet, cape gooseberries, chokecherries, long bean, moqua, okra, opo, parsley, singua, snake gourd, sugar cane, taro leaf, yucca leaf, various herbs. Rangeland grass continued to be depleted with normal grazing. Little forage was available in pastures, rangeland, consistent with midsummer conditions. Fire hazard remained inFaulkner county. LIVESTOCK: Livestock are in good condition. Forage crops continue to be in excellent condition. Hay harvest is continuing.

ARKANSAS: Days suitable for fieldwork 6.0. Soil 4% very short, 27% short, 65% adequate, 4% surplus. Corn 100% doughed, 100% 2003, 100% 4 yr avg.; 99% dented, 100% 2003, 99% 4 yr avg.; 94% matured, 93% 2003, 89% 4 yr avg.; 44% 2003, 40% 4 yr avg.; 95% setting pods, 93% 2003, 91% 5 yr avg.; 32% yellowing, 17% 2003, 11% 5 yr avg.; 21% shedding, 9% 2003, 10% 5 yr avg.; 16% matured, 9% harvested, condition 1% very poor, 4% poor, 25% fair, 47% good, 23% excellent. Sorghum 99% colored, 99% 2003, 96% 5 yr avg.; 71% matured, 74% 2003, 68% 5 yr avg.; 31% harvested, 32% 2003, 27% 5 yr avg.; condition 0% very poor, 2% poor, 33% fair, 54% good, 11% excellent. Cotton 14% open bolls, 19% 2003, 32% 5 yr avg.; condition 0% very poor, 5% poor, 24% fair, 43% good, 28% excellent. Rice 92% headed, 99% 2003, 98% 5 yr avg.; 3% harvested, 5% 2003, 6% 5 yr avg.; condition 0% very poor, 2% poor, 22% fair, 50% good, 26% excellent. Hay-Other condition 2% very poor, 4% poor, 27% fair, 56% good, 11% excellent. Hay-Alalfa condition 1% very poor, 7% poor, 28% fair, 62% good, 2% excellent. Pasture. Range feed 2% very poor, 6% poor, 27% fair, 54% good, 11% excellent Much needed rainfall was received late in the week. CROPS: Statewide, farmers continued to slowly increase harvest activities, although rains, high humidity prevented a significant increase during the week. Some corn lodging was reported due mainly to stalk rot. Draining of rice fields continue in preparation for upcoming harvest. Rice harvest has begun in several counties. Some areas have reported problems with spidemides, cabbage looper infestations in cotton. Harvesting of peaches, apples continues
high due to dry conditions. Rangeland cattle were being moved to mountain pastures. Supplemental feed was being supplied where needed. Hot weather affected milk cows as production declines were noted. Bees were working vineseed fields, some melon fields. Some hives were treated to control insect pests.

COLORADO: Days suitable for fieldwork 5.8. Top soil 9% very short, 22% short, 67% adequate, 2% surplus. Subsoil 14% very short, 32% short, 52% adequate, 2% surplus. Most areas of the state experienced unseasonably cool temperatures for the third consecutive week. Widespread showers were received throughout the Eastern Plains, which slowed maturity rates slightly. Spring wheat 85% harvested, 77% 2003, 64% avg.; condition 10% poor, 35% fair, 40% good, 15% excellent. Spring barley 72% harvested, 83% 2003, 84% avg.; condition 3% poor, 24% fair, 52% good, 21% excellent. Sunflower condition 2% poor, 20% fair, 52% good 26% excellent. Alfalfa hay 2nd cutting 93%, 92% 2003, 94% avg.; 3rd cutting 44%, 30% 2003, 44% avg.; condition 3% very poor, 6% poor, 35% fair, 37% good, 19% excellent. Dry beans 98% flowering, 100% 2003, 97% avg.; 4% cut, 9% 2003, 13% avg.; condition 4% very poor, 8% poor, 25% fair, 36% good, 26% excellent. Dry onions 46% harvested, 36% 2003, 37% avg.; condition 4% very poor, 10% poor, 32% fair, 43% good, 11% excellent. Summer potatoes 37% harvested, 41% 2003, 41% avg.; condition 5% poor, 37% fair, 52% good, 6% excellent. Fall potatoes condition 10% poor, 30% fair, 40% good, 20% excellent. Sugar beets condition 1% poor, 34% fair, 49% good, 16% excellent.

DELAWARE: Days suitable for fieldwork 6.7. Topsoil 2% very short, 19% short, 71% adequate, 8% surplus. Subsoil 8% very short, 11% short, 73% adequate, 8% surplus. Field corn condition 11% very poor, 12% poor, 25% fair, 34% good, 18% excellent; 98% corn dough, 84% 2003, 88% avg.; 82% dent, 22% 2003, 56% avg.; 35% mature, 3% 2003, 21% avg. Soybean condition 3% poor, 8% fair, 71% good, 18% excellent. 100% blooming, 79% 2003, 88% avg.; 84% setting pods, 54% 2003, 62% avg. Sorghum condition 24% fair, 66% good, 10% excellent; 97% headed, 76% 2003, 86% avg.; 17% coloring, 4% 2003, 24% avg. Pasture feed 3% poor, 19% fair, 71% good, 7% excellent. Other hay 3rd cutting 59%, 49% 2003, 72% avg.; 4th cutting 0%, 3% 2003, 18% avg. Alfalfa hay 3rd cutting 87%, 67% 2003, 85% avg.; 4th cutting 10%, 11% 2003, 27% avg. Apple condition 2% poor, 14% fair, 56% good, 28% excellent; 20% harvested, 16% 2003, 31% avg. Peaches 95% harvested, 84% 2003, 84% avg. Sweet corn 77% harvested, 73% 2003, 78% avg. Potatoes 67% harvested, 64% 2003, 71% avg. Tomatoes 66% harvested, 48% 2003, 64% avg. Cantaloupes 78% harvested, 77% 2003, 83% avg. Corncob silage 18% harvested, 7% 2003, 38% avg. Hay supplies 16% short, 67% adequate, 17% surplus. Topsoil moisture surplus decreased 21% last week, subsoil decreased 15% from last week. Corn for silage harvest increased to 18% compared to 9% last week. Dry weather allowed other hay, alfalfa to be cut, baled. Vegetable harvest progressed well. Downey mildew affected cucumbers, melons. Soybeans in good to excellent condition, a few fields are beginning to turn color. A few farmers are starting to harvest corn for grain.

FLORIDA: Topsoil 1% very short, 9% short, 40% adequate, 50% surplus. Subsoil 1% very short, 9% short, 50% adequate, 40% surplus. Temperature: average normal, major percentiles: 1% above normal, 1% below normal. Highs: 80s, 90s. Lows: 60s, 70s. Rainfall: around a 0.10 in. or less Marianna, Avalon, Live Oak and Oklawaha, to nearly 4.00 in. Homestead, Lake Alfred. Peanut condition 1% poor, 20% fair, 59% good, 20% excellent. Dryland peanuts need rain to mature, eastern Panhandle, some northern Peninsula localities. Digging momentum, southern peanut production areas. Tomato spotted wilt virus continues, Miami-Dade County. Field preparation for fall crop vegetable planting active, southern Peninsula. Tomatoes, Quincy area, in good condition. Rainbow heavy, some citrus areas, return of hot temps. Growers in path of Hurricane Charley assessing damage; some fruit still hanging. Trees, new crop fruit in good condition, other areas. Summer cultural practices continue. Pasture feed 5% poor, 15% fair, 70% good, 10% excellent. Cotton condition 5% fair, 85% good, 10% excellent. Panhandle: pasture feed fair to good; short soil moisture hurting grass growth. North: most pasture, fair to good condition. Central: condition of most pasture good due to heavy rains; cotton condition mostly good. Southwest: range condition very poor to excellent; some pasture flooded from recent rain. Hurricane Charley; some fences destroyed by Hurricane. Statewide, most cotton in good condition. Hurricane impact on cattle feed, milk production, loss of livestock still being assessed.

GEORGIA: Days suitable for field work 6.1. Soil 6% very short, 30% short, 62% adequate, 2% surplus. Corn 49% harvested for grain, 47% 2003, 56% avg. Hay 2% very poor, 10% poor, 34% fair, 48% good, 6% excellent. Peanuts 2% dug, 1% 2003, 2% avg. Sorghum 1% very poor, 18% poor, 40% fair, 38% good, 3% excellent; 19% harvested for grain, 21% 2003, 15% avg. Tobacco 91% harvested, 87% 2003, 87% avg. Apples 11% poor, 15% fair, 68% good, 6% excellent; 20% harvested, 20% 2003, 18% avg. Pecans 11% very poor, 23% poor, 36% fair, 28% good, 2% excellent. Another round of widely scattered showers, thunderstorms passed through parts of the State late last week. Some areas of the State have received significant portions of rain while other areas remained dry. Farmers continued to irrigate where needed. Crops continue in mostly good to fair condition. Growers actively harvested corn, cutting silage. In the northern part of the State, producers were harvesting white grape varieties. There were reports of TSWV in peanut fields. Cotton growers were busy spraying fields for insects. Army worms continued to plague hayfields. Activities Included: Cutting, baling hay, preparing to harvest peanuts, routine care of livestock and poultry.

HAWAII: Trade wind weather continued throughout the State during the past week. Showers were light, confined to windward, mountain areas. Banana, papaya orchards were in mostly fair-to-good condition with steady harvests. Regular spraying was necessary for disease, insect control. Vegetable crops made generally good progress with fair-to-good yields.

IDAHO: Days suitable for fieldwork 4.5. Topsoil 15% very short, 34% short, 49% adequate, 2% surplus. Mostly below normal temperatures were accompanied by rain for most of the state during this past week. Excessive rainfall in the northern part of the state has the remaining wheat crop suffering from sprout damage. Fruit harvest throughout the state is progressing normally, with the peach, plum, prune harvest halfway over, the apple harvest just beginning. Winter wheat 92% harvested, 98% 2003, 92% avg. Field corn 0% harvested for silage, 2% 2003, 3% avg. Oats 58% harvested for grain, 60% 2003, 53% avg. Potato condition 5% fair, 81% good, 14% excellent. Potatoes: Vines Dying/Killed 42%, 43% 2003, 28% avg.; 4% harvested, 2% 2003, 4% avg. Dry beans 10% harvested, 20% 2003, 14% avg. Dry peas 89% harvested, 84% 2003, 79% avg. Lentils 90% harvested, 85% 2003, 76% avg. Mint harvest 98% cutting healthy, 98% 2003, 90% avg. Alfalfa hay 2nd cutting harvested 93%, 95% 2003, 96% avg.; 3rd cutting harvested 58%, 52% 2003, 52% avg.; 4th cutting harvested 6%, 7% 2003, 3% avg. Irrigation water supply 9% very poor, 31% poor, 39% fair, 21% good. Activities Included: Feeding, caring for livestock, spraying fungicides, cutting alfalfa hay, harvesting small grains, peas, lentils, potatoes, and fruit
projects: Preparing machinery, grain handling equipment for harvest, shelling early corn, mowing waterways, ditches, baling hay, harvesting fruit, and chopping silage.

INDIANA: Days suitable for fieldwork 3.6. Topsoil 5% short, 75% adequate, 20% surplus. Subsoil 1% very short, 10% short, 78% adequate, 11% surplus. Rain slowed field activities during much of the week. Heavy rain in some isolated areas caused ponding in low lying areas. The precipitation will help puddle in soybean fields. A few fields of corn were being harvested in the southwestern area. Early planted corn, soybean fields are rapidly advancing toward maturity. SDS is evident in some soybean fields. Temperatures warmed up again last week. Blue mold evident in some tobacco fields. Harvesting of corn for silage, seed corn continued. Cutting, baling of hay slowed by wet conditions. Cleaning out grain bins, repairing equipment for fall harvest were major activities. Temperatures averaged 2° to 6° above normal for the week. Precipitation averaged 0.52 to 5.21 inches. Many soybean fields are turning color. Alfalfa hay 3rd cutting 78% complete, 66% 2003, 81% avg. Tobacco harvest 19% complete, 21% 2003, 30% avg. Pastures 1% very poor, 7% poor, 24% fair, 53% good, 15% excellent. Livestock are in mostly good condition. Activities: Harvesting mint, tomatoes, potatoes, hail damage from earlier frost northern state. Warm days needed for temperatures to get their crops to maturity. Some corn, beans show signs of stress. While the top third of the state needs rain, severe storms in the lower two-thirds of the state resulted in corn being blown down, buildings destroyed or damaged. While mold is becoming a widespread problem, there were reports of fields sprayed for aphids.

Field Crops Report: Corn 81% acreage in or past dough stage, 2003 82%, 87% 5-yr avg dough stage, 39% acreage in or past dent stage, 2003 51%, 59% 5-yr avg dent, 2% mature, condition 2% very poor, 6% poor, 19% fair, 52% good, 21% excellent. Soybean 99% acreage setting pods, 10% acreage with leaves turning color, 12% 2003 5-yr avg for both, 1% acreage dropping leaves, condition 2% very poor, 7% poor, 23% fair, 50% good, 18% excellent. Alfalfa hay 3rd cutting complete 72%, slightly behind 2003 75%, 5-yr avg 67% complete. Hay condition 1% very poor, 3% poor, 24% fair, 54% good, 18% excellent. Livestock, Pasture, Range Report: Livestock conditions were generally good especially where temperatures remained cool. Pasture, range feed 3% very poor, 8% poor, 24% fair, 50% good, 15% excellent.

KANSAS: Days suitable for fieldwork 5.6. Topsoil 3% very short, 29% short, 64% adequate, 4% surplus. Subsoil 11% very short, 27% short, 61% adequate, 1% surplus. Cooler than normal temperatures are slowing crop progress in much of the State. Sunflowers 84% blooming, 95% 2003, 97% avg. Alfalfa 4th cutting 46%, 25% 2003, 44% avg. Range, pasture feeds 6% very poor, 16% poor, 31% fair, 39% good, 8% excellent. Feed grain supplies 3% very poor, 11% short, 81% adequate, 5% surplus. Hay and forage supplies 2% very short, 9% short, 76% adequate, 13% surplus. Stock water supplies 2% very short, 12% short, 85% adequate, 1% surplus.

KENTUCKY: Days suitable for fieldwork 4.6. Topsoil 1% very short, 14% short, 73% adequate, 12% surplus. Subsoil 1% very short, 15% short, 75% adequate, 9% surplus. Above average temperatures, precipitation was the story for most of the State. Harvesting corn, tobacco continued between showers. Yields look good. Pastures, double-crop soybeans continue to make good growth. Alfalfa hay 3rd cutting 84%, 2003, 46% avg. Dark tobacco cut 47%. Cut tobacco quality good, but weighed a little light. Condition of tobacco in field 2% very poor, 8% poor, 21% fair, 49% good, 20% excellent. Hay condition 1% very poor, 4% poor, 20% fair, 52% good, 23% excellent. Pasture feed 1% very poor, 5% poor, 20% fair, 55% good, 19% excellent.

LOUISIANA: Days suitable for fieldwork 5.4. Soil 19% very short, 34% short, 41% adequate, 6% surplus. High temperatures continued to deplete soil moisture. Scattered showers were received across the state but did not improve crop conditions. Corn 80% harvested, 69% last week, 60% 2003, 79% avg. Hay 2nd cutting 90%, 83% last week, 94%

2003, 84% avg. Rice 92% ripe, 84% last week, 92% 2003, 92% avg. Sorghum 69% harvested. 59% last week, 54% 2003, 60% avg. Soybeans 54% turning color, 47% last week, 42% 2003, 48% avg.; 23% harvested, 12% last week, 6% 2003, 5% avg. Sugarcane 7% poor, 32% fair, 42% good, 19% excellent; 60% planted, 32% last week, 50% 2003, 53% avg. Sweet potatoes 3% harvested, 1% last week, 13% 2003, 13% avg. Livestock 5% poor, 29% fair, 56% good, 10% excellent. Vegetable 12% very poor, 20% poor, 42% fair, 22% good, 4% excellent.
crop looked good. In Grapes, veraison ended southwest. Color well developed most vineyards. In southeast, grapes continued to color nicely. Japanese beetle remained a major pest. In northwest, relatively cool weather kept fruit development well behind normal. Powder milkew increased severity and became a significant problem many vineyards. Pear and plum harvest continued southwest. In southeast, harvest of pears and plums began. Growers continued to harvest a wide variety of crops across State. Finally, above normal temperatures recorded to help advance harvesting. Alfalfa hay 3rd cutting 84%, 82% excellent, reflecting the result of the plentiful moisture supply. Rainfall averaged 3.40 inch, ranging from 0.62 inch in the southwest district to 5.79 inches in the north-central district, 6.24 inches in the southeast. Many northern counties received over 5 inches and Sullivan, Marion and Ralls received over 8 inches.

MONTANA: Days suitable for fieldwork 4.0. Topsoil condition 21% very poor, 37% poor, 23% fair, 10% good, 5% excellent. Alfalfa hay 3rd cutting 70%, 76% 2003, 78% avg.; condition fair/good. Alfalfa and other hay conditions are currently 2% compared to last year at 5%. Movement of cattle & calves from summer ranges is currently 2% compared to last year at 7%.

MISSOURI: Days suitable for fieldwork 2.3. Topsoil 1% very poor, 7% short, 67% adequate, 25% surplus. Subsoil 1% very short, 12% short, 79% adequate, 8% surplus. Heavy rains of the past week caused some flooding in low-lying fields of north-central, northeastern counties but condition of crops is showing little change on a Statewide basis, with the benefits additional moisture for late season corn, soybeans, sorghum moved lower, but continue above last year, respectively 7% very poor, 23% poor, 29% fair, 45% good, 13% excellent. Harvesting activities were hampered by the precipitation that arrived in the state over the weekend. Warmer temperatures have helped cotton growth, farmers are hoping for decent returns once harvesting begins in a few weeks. Warm season forages continue to be harvested with seed bed preparation for winter forages already taking place.

NEBRASKA: Days suitable for fieldwork 6.1. Topsoil 29% very short, 43% short, 28% adequate, 0% surplus. Subsoil 41% very short, 39% short, 20% adequate, 0% surplus. Temperatures for the week averaged from 5 degrees below normals to 3° above normals. Precipitation was statewide with many reporting stations in the southeast, mid section of the state reporting amounts near or above one inch. Dryland conditions of corn, soybeans, sorghum moved lower, but continue above last year, average. Alfalfa condition 10% very poor, 18% poor, 36% fair, 40% good, 12% excellent. Barley condition 2% very poor, 21% poor, 37% fair, 19% good, 3% excellent, compared to the five-year average at 21% very poor, 27% poor, 28% fair, 13% good, and 2% excellent. Movement of cattle & calves from summer ranges is currently 2% compared to last year at 5%. Movement of sheep & lambs from summer ranges is currently 2% compared to last year at 7%.

NEW ENGLAND: Days suitable for field work 6.1. Topsoil 9% short, 71% adequate, 20% surplus. Subsoil 8% short, 77% adequate, 15% surplus. Pasture feed 11% poor, 23% fair, 45% good, 21% excellent. Maine Potatoes 5% harvested, 5% 2003, 5% avg.; condition fair/good. Rhode Island Potatoes 45% harvested, 50% 2003, 45% avg.; condition fair/good. Massachusetts Potatoes 30% harvested, 25% 2003, 30% avg.; condition fair/good. Maine Oats 20% harvested, 30% 2003, 30% avg.; condition good/excellent. Maine Barley 40% harvested, 60% 2003, 45% avg.; condition fair/good. Field Corn condition good/fair. Sweet Corn
65% harvested, 70% 2003, 65% avg.; condition good/excellent. Shade tobacco 80% harvested, 85% 2003, 90% avg.; condition good. Broadleaf tobacco 70% harvested, 85% 2003, 90% avg.; condition good. Hay 1st crop harvested 95%, 99% 2003, 100% avg.; 2nd harvested 80%, 85% 2003, 80% avg.; condition good/fair; 3rd harvested 20%, 35% 2003, 40% avg.; condition good/excellent. Apples 10% harvested, 15% 2003, 10% avg.; condition good/fair. Peaches 75% harvested, 65% 2003, 65% avg.; condition good/fair. Pears 5% harvested, 10% 2003, 15% avg.; condition poor/good. Massachusetts Cranberries 5% were harvested in 2003, above average yields reported. Highbush Blueberries 90% harvested, 90% 2003, 90% avg.; condition good. A week of warm temperatures with plenty of sunshine finally arrived for farmers to work the fields. Activities included: Mowing orchards; pruning trees; spreading manure; monitoring fields; applying pesticides; cutting; baling hay; cultivating, weeding renovated strawberry beds; harvesting apples, peaches, pears, highbush/wild blueberries, potatoes, sweet corn, sugar, vegetables, barley, oats, broadleaf and shade tobacco.

NEW JERSEY: Days suitable for field work 6.6. Soil 25% short, 75% adequate. Temperatures across most of the state were below normal the beginning of the week, rising to above normal by the end of the week. Fieldwork included bailing hay, harvesting corn silage, vegetable harvesting, picking fruit, planting vegetables for fall harvest, and pruning. There was a report in the central district that soybean pods seemed slow to fill, the plants were lodging because of height. It was also reported there were soybean aphids detected in some fields, along with grasshopper activity. Disease problems were reported, including downy mildew, in pumpkin fields. In some tomato fields in the northern, central districts, fruit displayed cracking due to weather conditions. The fall cucumber crop was ready for harvest in the southern district. Potato harvest continued across the state. Peach harvest continued. Weather conditions were favorable for milk production. Pasture feeds were rated fair to good across the state.

NEW MEXICO: Days suitable for fieldwork 7. Topsoil 10% very short, 35% short, 47% adequate, 8% surplus. Most of the state experienced a dry week with temperatures normal to a few degrees below normal. About half the reporting stations measured some precipitation from hit, miss showers and thundershowers, but all amounts were less than half an inch. Greatest totals included: 35 inches at Raton, 26” at Casibbad and .22” at River. Farmers were busy with harvest preparations, irrigating, cutting hay, and harvesting chile and potatoes. General crop conditions had little affect by wind with 13% light, 5% moderate damage reported. Some hail damage occurred with 1% light, 6% moderate reported. Alfalfa was mostly fair to excellent with 89% of the 4th cutting complete, some hail damage occurred with 1% light, 6% moderate reported. had little affect by wind with 13% light, 5% moderate damage reported. Alfalfa was mostly fair to excellent with 89% of the 4th cutting complete, some hail damage occurred with 1% light, 6% moderate reported.

NORTH CAROLINA: Days suitable for field work 5.9. Soil 0% very short, 6% short, 72% adequate, 22% surplus. Activities Included: Harvesting flute-cured, burley tobacco, corn for grain, silage, peaches, apples, spraying for disease, pest control. A dry, warm week prevailed for state farmers. There were small amounts of precipitation with temperatures close to normal as higher temperatures, humid conditions dominated the latter part of the week. Eastern counties reported corn blown over, tobacco leaf damage, soybean deterioration from Hurricane Charley the previous week. Corn is harvestable where damaged, but progress is slow.

NORTH DAKOTA: Days suitable for fieldwork 4.1. Topsoil 15% very short, 24% short, 57% adequate, 4% surplus. Subsoil 19% very short, 23% short, 54% adequate, 4% surplus. Combines stood at the ready as cool, damp weather continued to restrain wheat harvest, late season crop development. Wheat harvest, late development stages for corn, soybeans, sunflowers were one, one half to two weeks behind the average (1999-2003). Durum wheat 67% turning or beyond, 99% 2003, 95% average; 20% combined, 72% 2003, 41% average. Canola 91% turning or beyond, 100% 2003, 99% avg.; 72% swathed or beyond, 97% 2003, 91% avg.; 16% combined, 69% 2003, 48% avg. Corn for Silage 95% harvested, 5% short, 21% 2003, 13% short. Corn for grain 79% fully podded or beyond, 88% 2003, 88% avg.; 8% lower leaves yellowing or beyond, 66% 2003, 62% average. Flaxseed 82% turning or beyond, 98% 2003, 92% average; 8% combined, 43% 2003, 29% average. Potatoes 24% had vines killed or beyond, 44% 2003, 38% avg.; Soybeans 9 lower leaves yellowing or beyond, 29% 2003, 29% avg. Sunflower 92% blooming or beyond, 100% 2003, 99% avg.; 18% ray flowers dropped or beyond, 20% 2003, 55% avg.; 2% bracts turned yellow or beyond, 25% 2003, 18% average. Emerged crop conditions ratings: Canola 3% very poor, 8% poor, 28% fair, 47% good, 14% excellent; Durum wheat 2% very poor, 6% poor, 29% fair, 48% good, 15% excellent. Dry edible beans 17% very poor, 20% poor, 37% fair, 24% good, 2% excellent. Flax 1% very poor, 5% poor, 25% fair, 59% good, 10% excellent. Potatoes 3% very poor, 7% poor, 28% fair, 47% good, 15% excellent. Sugar beets 1% very poor, 4% poor, 22% fair, 58% good, 15% excellent; Sunflower 2% very poor, 11% poor, 58% fair, 18% good, 6% excellent. Alfalfa 2nd cutting complete 89%, 94% of all other hay had been baled. Stockwater supplies 9% very short, 22% short, 67% adequate, 2% surplus. Range and pasture conditions 22% very poor, 18% poor, 30% fair, 27% good, 3% excellent.

OHIO: Days suitable for field work 4.7. Topsoil 1% very short, 14% short, 75% adequate, 10% surplus. Alfalfa hay 2nd cutting complete 96%, 98% 2003, 100% avg.; 3rd cutting complete 54%, 50% 2003, 71% avg.; 4th cutting complete 6%, 4% 2003, 14% avg. Apples 4% harvested (fall), 2% 2003, 5% avg.; 84% harvested (summer), 94% 2003, 87% avg. Corn 91% dough, 82% 2003, 86% avg.; 49% dented, 72% 2003, 41% avg.; 3% mature, 4% avg.; 6% silage harvested, 6% 2003, 12% avg. Cucumbers 61% harvested, 68% 2003, 78% avg. Grapes 11% harvested, 1% 2003, 2% avg Oats 97% harvested, 99% 2003, 100% avg. Other hay 2nd cutting complete 86%, 85% 2003, 91% avg.; 3rd cutting complete 27%, 24% 2003, 37% avg. Peaches 88% harvested, 85% 2003, 83% avg. Potatoes 47% harvested, 39% 2003, 45% avg. Processing tomatoes 23% harvested, 8% 2003, 22% avg. Soybeans 97% setting pods, 95% 2003, 97% avg.; 5% dropping beans, 1% 2003, 61% 2003, 8% avg. Corn conditions 4% very poor, 10% poor, 26% fair, 44% good, 16% excellent. Hay conditions 2% very poor, 8% poor, 31% fair, 48% good, 11% excellent. Pasture feeds 1% very poor, 6% poor, 27% fair, 56% good, 10% excellent. Soybean conditions 5% very poor, 10% poor, 28% fair, 44% good, 13% excellent. Temperatures warmed up this past week bringing afternoon showers across much of the state. Throughout the week many farmers baled hay, while others prepared grain harvesting, storage equipment for fall. Producers chopped corn for silage, dug potatoes, harvested oats. Wheat growers continue preparing fields for fall planting.

OKLAHOMA: Days suitable for fieldwork 6.1. Topsoil 4% very short, 21% short, 73% adequate, 2% surplus. Sulphur 6% very short, 19% short, 73% adequate, 2% surplus. Wheat 64% seeded prepared, 42% last week, 49% 2003, 55% avg.; 3% planted, n/a last week, 1% 2003, 2%
Oregon: Days suitable for fieldwork: 4.6. Topsoil 6% very short, 36% short, 58% adequate. Subsoil 21% very short, 40% short, 39% adequate. Fallow 2003, 92% 5-yr avg. Winter wheat 96% harvested, 92% 5-yr avg. Spring wheat 87% harvested, 79% prev. week, 94% 2003, 92% 5-yr avg. Range, Pasture 1% very poor, 18% poor, 36% fair, 39% good, 6% excellent. Activities: Weather in the state last week featured much-needed precipitation, cooler temperatures. Rainfall put a stop to many field activities but helped replenish surface water in many areas. Precipitation significant in some areas, less than significant in others. Rainfall over the past week resulted in grass growth in many areas. High temperatures mostly in eighties, except along coastal areas with high temperatures in seventies. Highest number of growing degree days (base 50) for week was in Medford, with 135. Rain, cooler temperatures in week slowed harvest progress across much of the state. Wheat producers, especially in northeast, concerned that sprout damage may occur. Statewide, winter wheat harvest nearly complete, with 96% of crop harvested as of August 29. Alfalfa, other hay harvest also delayed last week by wet weather. Fall tillage, preparation for fall forages, began in many areas. Progress have been received from scattered areas of the state. Progress continues on the small-grain harvest, which is nearing completion. Corn and sorghum silage harvest continues in drier parts of the state.

Pennsylvania: Days suitable for fieldwork 6.0. Soil 2% short, 76% adequate, 22% surplus. Fall plowing 12% complete, 9% 2003, 14% avg. Corn 79% drough, 63% 2003, 71% avg.; 44% dent, 19% 2003, 36% avg.; 8% mature, 2% 2003, 6% avg.; 16% silage harvested, 5% 2003, 16% avg.; condition 1% very poor, 2% poor, 10% fair, 41% good, 46% excellent. Oats 99% ripe, 99% 2003, 98% avg.; 95% harvested, 90% 2003, 92% avg. Soybean condition 1% poor, 7% fair, 52% good, 40% excellent. Tobacco 72% harvested, 14% 2003, 25% avg. Potatoes 23% harvested, 18% 2003, 23% avg. Alfalfa 2nd cutting complete 95%, 92% 2003, 94% avg.; 3rd cutting complete 65%, 58% 2003, 69% avg.; 4th cutting complete 12%, 17% 2003, 25% avg. Alfalfa condition 1% very poor, 3% poor, 19% fair, 62% good, 15% excellent. Timothy clover 2nd cutting complete 66%, 66% 2003, 70% avg. Peaches 82% harvested, 75% 2003, 83% avg. Apple condition 19% fair, 51% good, 30% excellent; 35% harvested, 27% 2003, 25% avg. Grapes 17% harvested, 1% 2003, 5% avg. Quality of hay made 2% very poor, 9% poor, 29% fair, 52% good, 8% excellent. Pasture feeds 4% very poor, 9% poor, 22% fair, 55% good, 13% excellent. Activities Included: Baling hay; spreading manure; applying herbicides, pesticides, control king fruit; handling manure; conditioning oats, tobacco, silage; preparing equipment for fall seeding and harvest.

South Carolina: Days suitable for fieldwork 5.5. Soil 2% very short, 21% short, 51% adequate, 28% surplus. Corn 96% harvested, 97% 2003, 97% avg.; 47% harvested, 28% 2003, 49% avg.; 3% very poor, 7% poor, 23% fair, 54% good, 13% excellent. Peanuts 98% pegged, 100% 2003, 99% avg.; 3% poor, 39% fair, 49% good, 9% excellent. Sorghum 84% turned color, 82% 2003, 82% avg.; 51% matured, 43% 2003, 48% avg.; 18% harvested, 14% 2003, 21% avg.; 19% fair, 77% good, 4% excellent. Cotton 97% setting bolls, 94% 2003, 94% avg.; 20% open bolls, 13% 2003, 19% avg.; 3% poor, 19% fair, 71% good, 7% excellent. Apples 1% very poor, 7% poor, 24% fair, 63% good, 5% excellent. Soybeans 97% bloomed, 94% 2003, 91% avg.; 75% setting pods, 64% 2003, 60% avg.; 13% leaves turning color, 10% 2003, 10% avg.; 1% leaves dropped, 0% 2003, 1% avg.; 3% poor, 19% fair, 63% good, 15% excellent. Tobacco 90% harvested, 84% 2003, 83% avg.; 43% stalks destroyed, 29% 2003, 38% avg.; 11% poor, 29% fair, 48% good, 12% excellent. Other hay 97% harvested, 94% 2003, 94% avg.; 6% poor, 39% fair, 49% good, 6% excellent. Peaches 88% harvested, 91% 2003, 94% avg.; 2% very poor, 2% poor, 9% fair, 39% good, 48% excellent. Apples 25% harvested, 19% 2003, 21% avg.; 53% fair, 47% good. Watermelons 100% harvested, 100% 2003, 100% avg. Livestock 2% poor, 21% fair, 61% good, 16% excellent. Winter Grazing 6% planted, 4% 2003, 3% avg.

South Dakota: Days suitable for fieldwork 6.0. Topsoil 22% very short, 34% short, 43% adequate, 1% surplus. Subsoil 27% very short, 25% short, 47% adequate, 1% surplus. Feed supplies 11% very short, 22% short, 62% adequate, 5% surplus. Stock water supplies 25% very short, 26% short, 49% adequate. Winter wheat 3% seeded; 3% 2003, 2% avg. Soybeans 0% mature, 2% 2003, 1% avg. Sunflower 8% very poor, 11% poor, 36% fair, 38% good, 7% excellent; 95% blooming, 95% 2003, 96% avg.; ray flowers dry 19%, 51% 2003, 54% avg.; bracts yellow 6%, 29% 2003, 31% avg.; 0% mature, 2% 2003, 2% avg. Cattle condition 3% poor, 19% fair, 60% good, 18% excellent. Sheep condition 1% poor, 12% fair, 63% good, 24% excellent. Range, Pasteur 14% very poor, 23% poor, 36% fair, 22% good, 5% excellent. Corn 6% silage harvested, 18% 2003, 14% avg. Sorghum silage 14% harvested, 28% 2003, 18% avg. Alfalfa hay 14% very poor, 14% poor, 30% fair, 34% good, 8% excellent; 3rd cutting harvested 50%, 55% 2003, 49% avg. Other hay harvested 96%, 99% 2003, 96% avg. Another cool week has caused crop maturity to remain behind normal in several areas. Some producers received beneficial precipitation, while reports of frost damage have been received from scattered areas of the state. Progress continues on the small-grain harvest, which is nearing completion. Corn and sorghum silage harvest continues in drier parts of the state.

Tennessee: Days suitable for fieldwork 4.0. Topsoil 8% short, 81% adequate, 11% surplus. Soil 15% short, 79% adequate, 6% surplus. Corn 89% harvested, 80% 2003, 68% avg.; Tobacco 97% topped, 90% 2003, 92% avg.; 2% very poor, 6% poor, 23% fair, 52% good, 17% excellent. Burley 45% harvested, 40% 2003, 44% avg.; Dark air-cured 56% harvested, 51% 2003, 54% avg.; Dark fire-cured 45% harvested, 41% 2003, 50% avg. Pastures 6% poor, 17% fair, 62% good, 15% excellent. The State experienced thunderstorms throughout the past week hampering most activities. Many farmers welcomed the rain, however, as their crops, pastures, are responding to needed moisture. Activities Included: Tobacco topping and harvest, corn for grain harvest, cutting hay, beginning land preparation for seedling fall forages. Temperatures averaged above normal across the State, while rainfall averaged above normal in the western part of the State and slightly below average elsewhere.

Texas: Agricultural Summary: statewide, conditions were dry in the middle of the week except for a few isolated light showers. Late in the
week, a cold front entered the southern Plains, moved in a southeastern direction bringing scattered rainfall to areas east of a line from Del Rio to Wichita Falls. Heaviest rainfall was reported in parts of the Edwards Plateau, South Central State around the San Antonio area, in South State around the Laredo area. The drier conditions in the Plains provided some needed heat units for cotton, allowed producers to cut silage, bale hay, plow, plant wheat for early grazing. In the Lower Rio Grande Valley, irrigation was active on sugarcane, cotton, tomato harvesting progressed rapidly except where scattered showers slowed some operations. There was some damage to rice from feral hogs reported in an area of the Upper Coast. Rice condition 81% normal, compared with 88% 2003. Rice: Harvest progressed rapidly, except where scattered showers slowed some operations. There was some irrigation in drier areas of the state. Isolated fields were being sprayed for boll worms, aphids. Cotton condition 85% normal compared with 52% 2003. Sorghum: Rainfall delayed harvest in areas of Central State, the Edwards Plateau, East State. Silage was being cut in the Plains. Harvest was completed in much of South Central State, South State, the Coastal Districts. Sorghum condition 81% normal compared with 57% 2003. Peanuts: Drier conditions in the Plains increased the heat units. The crop was looking good in general, despite some disease due to wet conditions over the past few weeks. Peanut condition 91% normal compared with 88% 2003. Rice: Harvest progressed rapidly, except where scattered showers slowed some operations. There was some damage to rice from feral hogs reported in an area of the Upper Coast. Rice condition 81% normal, compared with 88% 2003. Commercial Vegetables, Fruit, Pecans. On the High Plains, Pumpkin leaves were starting to dry down, harvest had begun. Watermelon harvest progressed well. In the Trans-Pecos, Grape harvest was completed in some vineyards. Cattle feeding was being delayed until the wet, cool conditions the past few weeks. On the Edwards Plateau, pecan trees continued to be irrigated in drier areas. Pecan growth stages ranged from gel to shell hardening. Generally, pecans looked good. There was some spraying for pecan weevils, evidence of web worms on trees. In East State, pecans were reported in the dough stage. Walnut caterpillar, web worm activity was reported in some orchards. Range, Livestock: Hay cutting, baling was active in the Plains, but rains delayed cutting in the eastern half of the state. Insects continued to be a problem in some hay fields. Statewide, condition of pasture, rangeland was generally good to excellent with little supplemental feeding occurring. Statewide, livestock were mostly rated in good to excellent condition.

WASHINGTON: Days suitable for field work was 4.0. Topsoil 5% very short, 22% short, 62% adequate, 11% surplus. Subsoil 6% very short, 34% short, 60% adequate. Irrigation water supply 3% very short, 5% short, 92% adequate. The highest temperature in the state was 90° in Pasco. The lowest temperature in the state was 45° in Republic and Pullman. Winter wheat 91% harvest, 3% planted. Spring wheat condition 2% very poor, 3% poor, 29% fair, 62% good, 4% excellent; 89% harvested. Barley 87% harvested. Record amounts of rain fell over parts of the state this week causing cereal harvests to be halted in several counties. Producers that still had grains in the fields were worried about sprout damage. Other producers that had started seeding winter wheat were concerned about the possibility of having to replant due to the significant amounts of rain that they received. Potato conditions 1% poor, 7% fair, 90% good, 2% excellent; 43% harvested, conditions 2% fair, 96% good, 2% excellent; harvested for silage 12% harvested. Dry Peas 95% harvested. Dry edible bean conditions 8% fair, 90% good, 2% excellent; 20% harvested. Alfalfa hay 3rd cutting was 88% complete. Hay, other roughage supplies 3% short, 90% adequate, 7% excellent. Range, pasture feeds 3% very poor, 18% poor, 46% fair, 33% good. Alfalfa hay 3rd cutting that still remained in the field suffered rain damage in Grant County, in other parts of the state. However, dry pastures benefited from the rains. A couple of hop growers reported rain, strong winds knocked down some of their hops. Wine grape harvest began about ten days ahead of schedule in some counties. Strawberry growers completed their post harvest plant mowing. Picking of fall bearing raspberries was underway. Sweet corn, apples, pears continued to be harvested.

UTAH: Days suitable for field work 7. Subsoil 21% very short, 41% short, 38% adequate, 0% surplus. Irrigation Water Supplies 39% very short, 35% short, 26% adequate, 0% surplus. Winter wheat 91% harvested, 99% 2003, 99% avg.; 3% planted for harvest next year, 0% 2003, 2% avg. Spring wheat 78% harvested, 98% 2003, 92% avg. Barley 91% harvested (grain), 98% 2003, 94% avg. Oats 74% harvested (grain), 74% 2003, 71% avg.; 100% harvested for hay or silage, 100% 2003, 100% avg. Corn 99% silked (tasseled), 99% 2003, 99% avg.; 69% dough, 68% 2003, 54% avg.; 22% dent, 27% 2003, 14% avg.; 3% silage, harvested (silage), 1% 2003, 2% avg.; condition 0% very poor, 2% poor, 20% fair, 62% good, 16% excellent. Corn height 90 inches, 95 inches 2003, 92 inches avg. Alfalfa hay 2nd cutting 99%, 100% 2003, 100% avg.; 3rd cutting 62%, 50% 2003, 51% avg.; 4th cutting 5%, 0% 2003, 1% avg. Alfalfa seed 8% harvested, 16% 2003, 11% avg., Onions 30% harvested, 13% 2003, 25% avg. Dry beans 0% harvested, 0% 2003, 3% avg. Cattle, calves moved From Summer Range 13%, 6% 2003, 16% avg. Cattle, calves condition 0% very poor, 2% poor, 18% fair, 70% good, 10% excellent. Sheep, lambs moved From Summer Range 7%, 6% 2003, 13% avg. Sheep condition 0% very poor, 2% poor, 16% fair, 75% good, 7% excellent. Stock water supplies 22% very short, 38% short, 39% adequate, 1% surplus. Apples 12% harvested, 7% 2003, 3% avg. Peaches 42% harvested, 46% 2003, 48% avg. Pears 53% harvested, 34% 2003, 27% avg. Cool weather along with scattered showers was experience through most of the state this past week with 6.5 days suitable for field work. Scattered showers brought much needed moisture to the state, helping late season crop conditions. There were a few reports of grain, hay harvest delays due to the scattered showers. Grain harvest continued, but has been somewhat slowed due to weather conditions. Winter wheat planting began last week in some parts of the state. Many irrigation tracts have shut-off water for the season. We received some reports of frost on Saturday and Sunday nights in Summit county. Range, pasture feeds also improved due to scattered showers, cooler temperatures this past week, some areas are showing signs of revegetating. Moski with heat index over 100° in the South Eastern States. Silage was being cut on the High Plains. Corn condition 92% normal compared with 54% 2003. Cotton: In the Lower Rio Grande Valley, harvest was mostly completed. Harvest continued in South State, South Central State, the Coastal districts. There was some defoliation of cotton in areas of Central State. In the Plains, more heat units came with the drier weather as cotton progressed well. There was some irrigation in drier areas of the state. Isolated fields were being sprayed for boll worms, aphids. Cotton condition 85% normal compared with 52% 2003. Sorghum: Rainfall delayed harvest in areas of Central State, the Edwards Plateau, East State. Silage was being cut in the Plains. Harvest was completed in much of South Central State, South State, the Coastal Districts. Sorghum condition 81% normal compared with 57% 2003. Peanuts: Drier conditions in the Plains increased the heat units. The crop was looking good in general, despite some disease due to wet conditions over the past few weeks. Peanut condition 91% normal compared with 88% 2003. Rice: Harvest progressed rapidly, except where scattered showers slowed some operations. There was some damage to rice from feral hogs reported in an area of the Upper Coast. Rice condition 81% normal, compared with 88% 2003. Commercial Vegetables, Fruit, Pecans. On the High Plains, Pumpkin leaves were starting to dry down, harvest had begun. Watermelon harvest progressed well. In the Trans-Pecos, Grape harvest was completed in some vineyards. Cattle feeding was being delayed until the wet, cool conditions the past few weeks. On the Edwards Plateau, pecan trees continued to be irrigated in drier areas. Pecan growth stages ranged from gel to shell hardening. Generally, pecans looked good. There was some spraying for pecan weevils, evidence of web worms on trees. In East State, pecans were reported in the dough stage. Walnut caterpillar, web worm activity was reported in some orchards. Range, Livestock: Hay cutting, baling was active in the Plains, but rains delayed cutting in the eastern half of the state. Insects continued to be a problem in some hay fields. Statewide, condition of pasture, rangeland was generally good to excellent with little supplemental feeding occurring. Statewide, livestock were mostly rated in good to excellent condition.
some damage on field edges, in low areas. Farmers are hoping for a late killing frost so crops have a chance to mature. Last week brought a welcome change to the usual cool temperatures this summer. Temperatures were 1 to 3⁰ above normal for this time of year, ranging from 50 to the high 80's. Precipitation ranged from trace amounts to almost 2 inches. Year-to-date precipitation in the northwestern part of the state is about 1 to 4 inches below normal, the west central part of the state is about 5 inches above normal, the south central part of the state is 2 inches above normal, the southeastern part of the state is about normal. Corn is in need of heat statewide. In most parts of the state, corn is behind schedule for maturity. In some areas, the ears have not filled out due to the cool nights, days. In the southwestern part of the state, farmers are reporting that the corn looks good, but still has a long way to go until harvest. The lack of heat, sunshine has also slowed the development of soybeans. In some parts of the state, there are a lot of pods setting, but without warmth, soybeans will have a hard time reaching maturity. In some of the northern areas, farmers are reporting some white mold. Both corn, soybeans are two to three weeks behind normal. Third crop hay is looking good with reports of high quality, yield around the state. There are reports of insect and weed problems.

**WYOMING:** Topsoil 29% very short, 40% short, 31% adequate, 0% surplus. Last year at this time, 87% of the State was rated short or very short. Barley harvest is 78% complete. Oats are 59% harvested. Winter wheat 4% planted. Spring wheat 73% harvested. Below normal temperatures and state-wide showers. Last year it was only 64%. Irrigation supplies are adequate in 41% of the State. Range, Pasture conditions 40% very poor, 26% poor, 21% fair, 9% good, 4% excellent, similar conditions to last year.