ALABAMA: Days suitable for fieldwork was 5.7. Topsoil 7% very short, 36% short, 54% adequate, 3% surplus. Corn 98% dough, 97% 2003, 93% avg.; 90% dented, 88% 2003, 81% avg.; 60% mature, 57% 2003, 54% avg.; condition 0% very poor, 7% poor, 14% fair, 60% good, 19% excellent. Soybeans 95% blooming, 73% 2003, 77% avg.; 65% setting pods, 46% 2003, 50% avg.; 15% dropping leaves, 0% 2003, 1% avg.; condition 2% very poor, 5% poor, 15% fair, 69% good, 9% excellent. Pasture feed 1% very poor, 5% poor, 26% fair, 54% good, 14% excellent. Livestock condition 0% very poor, 4% poor, 22% fair, 44% good, 30% excellent. Crops are in mostly good condition, but more rain is needed in southern parts of the state have been harvested. However, most of the crop remains in the ground, is being irrigated. Cotton maturity is also being affected by the cooler temperatures, however, producers are continuing to irrigate while waiting for a return to warmer-like conditions. Producers are preparing to drain rice fields in expectation of harvest beginning in the next few weeks. In a few areas stink bugs are still reported as a problem. Apples, peaches are being harvested in the central part of the state. LIVESTOCK: Livestock are in good condition, producers are working cattle. Cooler temperatures are also slowing pasture growth. Armyworm treatment, weed, brush control practices continue. Producers hope to begin final hay harvest within the next 3 weeks.

CALIFORNIA: Field preparations were ongoing in harvested grain fields to prepare for the incoming planting season. Wheat straw was baled in a harvest field. The sunflower crop continued large harvests across the state as bolls reached maturity. Irrigation, insecticide treatments were applied in most areas. Rice was developing quickly as fields continued to head out. Herbicide applications continued where necessary. Corn benefited from the warm temperatures during the week. Mature corn fields were harvested for grain, silage. Other fields were being cultivated, irrigated. Good seed development was noted in many seed alfalfa fields. Alfalfa was cut for hay, windrowed, baled, stacked. Hay quality was reported as good to excellent. A number of alfalfa fields were green chopped. Steady crop development was observed in maturing sugar beet fields. Harvesting continued with good yields reported. Fields of blackeye peas were being irrigated. Harvesting of safflower, sunflower, potatoes, sweet potatoes continued. Raisin growers in the San Joaquin Valley were busy cultivating, cutting canes, terracing in preparation for harvest. Harvesting was underway in a number of raisin vineyards but was not widespread. Thompson Seedless, Zante Currant varieties were picked, laid out on trays to dry. Canes were cut in vineyards that were using the dried on vine method to initiate fruit drying. Wine, table grape harvesting continued. Harvested wine grapes were loaded onto trucks, hauled to wineries for processing. Varieties of table grapes picked included Flame Seedless, Red Globe. Stone fruit harvesting continued across the state. Varieties picked, packed included O’Henry, Arctic Giant peaches, Black Cat, Betty Anne plums, Red Jim, Arctic Pride nectarines, Flavor Grenade, Dinosaur Egg plums. The prune harvest in northern areas was progressing quickly, with a very light crop reported. Irrigation, cultivation, summer pruning, brush shredding were underway in stone fruit orchards. Steady fruit development continued in persimmon, apple, Asian pear, pomegranate orchards, with irrigation still underway in many locations. Pomegranate harvesting was underway. The harvest of figs continued in the San Joaquin Valley. As many as 400 acres of citrus trees were lost to fire in Riverside County. In other areas, the citrus crop was developing well. Valencia oranges continued to be picked but harvesting activity was slowing. Fruit quality began showing a normal season decline, including rind puff, regreening. Olives continued to size normally. Most growers in Tulare County were predicting a lighter than normal crop. Olive trees were sprayed for olive fruit fly. Harvesting of lemons, grapefruit continued. Almond harvesting continued in a number of variety orchards. Trees were shaken, nuts were windrowed, loaded, hauled to hullers. Almond hull split for late varieties was nearly complete. Irrigation, mowing, and leveling continued in unharvested almond orchards to prepare for harvest. Steady nut development continued in walnut, pecan, pistachio orchards.
Irrigation, a few pest control treatments continued as necessary. Many walnut orchards were treated for husk fly, mites, codling moth, weevils. Summer vegetable fields continued to be irrigated, treated to control insect pests as needed. Worm sprays were applied to melon, fresh market tomato fields. Some tomato fields were treated for mildew. Harvesting of both fresh market, processing tomatoes continued. Transplanting of fall broccoli continued. The planting of fall lettuce was underway in Fresno County. Eggplant, melons, bell peppers, squash, sweet corn, onions, garlic, cucumbers continued to be harvested. Bean/bour gourds were harvested in Tulare County. Carrots were harvested in Fresno, Kern counties. The following vegetables were harvested: amaranth, bittersmelon, kale, kangkong, lemon grass, long beans, moqua, okra, opo, parsley, saluyot, sinqua, snake gourd, sugar cane, tara leaf, yucca leaf, various herbs. Rangeland conditions continued to decline throughout the State. The fire hazard remained high in some areas. Remaining rangeland grass was being rapidly consumed due to the dry weather conditions. Livestock continued to receive supplemental feed. Cattle were generally in fair to good condition. Fall calving was underway. Warm temperatures were having an adverse effect on milk production. Dairies were using fans, misters to reduce heat stress on milk cows. Bees were active in saflower, vineseed, melon, and other vegetable fields.

COLORADO: Days suitable for fieldwork 5.7. Topsoil 6% very short, 25% short, 64% adequate, 5% surplus. Subsoil 20% very short, 37% short, 41% adequate, 2% surplus. Most areas of the state experienced below normal temperatures as well as below normal precipitation. Overall, soil conditions showed little change from the previous report. The eastern part of the state had some localized but damaging hail storms last week. Spring wheat 45% harvested, 43% 2003, 43% avg.; condition 7% poor, 38% fair, 45% good, 10% excellent. Spring barley 34% harvested, 41% 2003, 48% avg.; condition 5% poor, 33% fair, 48% good, 14% excellent. Sunflower condition 2% poor, 18% fair, 60% good 20% excellent. Alfalfa hay 2nd cutting 85%, 77% 2003, 81% avg.; 19% 3rd cutting, 15% 2003, 17% avg; condition 2% very poor, 7% poor, 26% fair, 50% good, 16% excellent. Dry beans 70% flowering, 93% 2003, 85% avg.; 0% cut, 1% 2003, 1% avg.; condition 3% very poor, 6% poor, 29% fair, 42% good, 20% excellent. Dry onions 16% harvested, 21% 2003, 17% avg.; condition 2% very poor, 3% poor, 18% fair, 69% good, 8% excellent. Summer potatoes 17% harvested, 16% 2003, 16% avg.; condition 2% poor, 19% fair, 65% good, 14% excellent. Fall potatoes condition 4% poor, 32% fair, 47% good, 17% excellent. Sugar beets condition 2% poor, 24% fair, 59% good, 15% excellent. Activities Included: Applying fertilizer to hayfields, pastures, Cantaloupes 58% harvested, 44% 2003, 52% avg. Corn silage 7% harvested, 1% 2003, 16% avg. Hay supplies 19% short, 71% adequate, 10% surplus. Hurricane season has begun, State farmers are well aware of it. Rain showers fell upon the state throughout the week. Corn escaped major damage from the tropical systems with some almost ready for picking. Corn 11% mature, 55% dent stage. The rain has not been beneficial for vegetable growers as many vegetable crops have been destroyed due to the weather. Soybeans are in good to excellent condition with 59% setting pods compared to 25% the previous week.

GEOGRAPHIC: Days suitable for field work 4.6. Soil 1% very short, 18% short, 65% adequate, 16% surplus. Corn 84% mature, 75% 2003, 82% avg.; 21% harvested for grain, 16% 2003, 29% avg. Hay 2% very poor, 10% poor, 37% fair, 46% good, 5% excellent. Sorghum 8% poor, 42% fair, 46% good, 4% excellent; 9% harvested for grain, 7% 2003, 4% avg. Soybeans 2% dropping leaves, 1% 2003, 1% avg. Tobacco 76% harvested, 71% 2003, 71% avg. Apples 6% poor, 15% fair, 73% good, 6% excellent; 11% harvested, 15% 2003, 12% avg. Peaches 99% harvested, 100% 2003, 100% avg. Pecans 8% very poor, 19% poor, 39% fair, 32% good, 2% excellent. Wide spread rains fell across the State last week. Some areas received as much as 4 inches or more of rain from Tropical Storm Bonnie. A cold front moved through the State on Thursday bringing beneficial rains to most of the State. The timely rains gave a boost to the State's crops, pastures. Crop conditions were rated in mostly good to fair. Growers were cutting, baling hay, weather permitting. Farmers were spraying peanuts, pecans for disease prevention. Activities Included: Applying fertilizer to hayfields, pastures, harvesting tobacco, the routine care of livestock and poultry.

HAWAII: A high pressure system northeast of the State provided moderate trade winds, generally dry weather during the past week. Showers were light, confined to windward, mountain areas. Banana, papaya orchards were in mostly fair-to-good condition. Active spraying was necessary for disease, insect control. Vegetable crops made generally good progress with fair-to-good yields.

IDAHO: Days suitable for fieldwork 6.9. Topsoil 16% very short, 41% short, 43% adequate. Temperatures throughout were above normal during the past week. There was no precipitation reported, leaving the state hot, dry. Grass seed harvest in some areas of the state is nearing completion. Winter wheat condition 3% poor, 8% fair, 70% good, 19% excellent. Spring wheat turning color 97%, 99% 2003, 97% avg. Barley turning color 99%, 99% 2003, 97% avg. Oats harvested for gain 27%, 30% 2003, 21% avg. Potato condition 1% poor, 8% fair, 74% good, 17% excellent; Vines dying/killed 20%, 15% 2003, 9% avg. Dry beans harvested, 1% 2003, 8% avg. Dry peas harvested, 1% 2003, 3% avg. Lentils harvested 49%, 54% 2003, 33% avg Mint harvested–1stcutting 73%, 81% 2003, 63% avg. Peaches harvested 29%, 28% 2003, 26% avg. Plums, prunes harvested 8%, 24% 2003, 8% avg. Alfalfa hay 2nd cutting harvested 82%, 85% 2003, 87% avg.; 3rd cutting harvested 33%, 34% 2003, 30% avg. Irrigation water supply 8% very poor, 28% poor, 36% fair, 28% good. Activities Included: Feeding, caring for livestock, spraying fungicides, cutting alfalfa hay, harvesting small grains, peas, and lentils.

ILLINOIS: Days suitable for fieldwork 6.8. Topsoil 7% very short, 39% short, 54% adequate. Corn 4% mature, 2% 2003, 3% avg.; Soybeans 2% turning yellow, 0% 2003, 1% avg.; 1% shedding leaves, 0% 2003, 0% avg.; Alfalfa 3rd cut 65%, 57% 2003, 54% avg. Below normal temperatures, precipitation were observed across the state last week. Soybean crop development is a concern across the state with cool temperatures, reports of sudden death syndrome in the earlier planted fields. Despite the weather conditions, the corn crop development still remains ahead of previous years. Activities: Preparing machinery, grain handling equipment for harvest, moving waterways, ditches, baling hay, attending crop tours and the Illinois State Fair.

INDIANA: Days suitable for fieldwork 6.6. Topsoil 3% very short, 28% short, 67% adequate, 2% surplus. Subsoil 3% very short, 19% short, 76% adequate, 2% surplus. Much cooler than normal weather prevailed around the state last week. Some rain in isolated areas of the northern
areas. Very little precipitation in the central, southern regions. Soils are layered, with a thin surface layer. Sunflower yield predicts very well.

Subsoil 6% very short, 30% short, 63% are adequate. Early peach harvest started east central. Split pits are common in apple varieties southwest. Necrotic leaf blotch is a significant issue in some areas.

23% in 2003, 41% avg. Hay 2nd cutting 75%, 40% are fair, 33% are poor.

Days suitable for fieldwork 5. Topsoil 1% very short, 24% short, 74% adequate, 3% surplus. Subsoil 6% very short, 30% short, 63% are adequate, 1% surplus. The State received some scattered showers throughout the week. 51% of the State was in good to excellent condition.

Maryland: Days suitable for field work 3.7. Topsoil 67% adequate, and 33% surplus. Subsoil 4% short, 73% adequate, 23% surplus. Field corn condition 3% very poor, 3% poor, 12% fair, 35% good, 47% excellent; 75% dough, 41% 2003, 58% avg.; dent 39%, 13% 2003, 24% avg.; 6% corn mature, 1% 2003, 8% avg. Soybean condition 6% poor, 17% fair, 42% good, 35% excellent; 91% blooming, 40% 2003, 63% avg. 78% setting pods, 12% 2003, 43% avg. Sorghum condition 37% fair, 53% good, 10% excellent; 95% headed, 45% 2003, 61% avg. Pasture feed 3% poor, 15% fair, 74% good, 8% 5% very poor, 7% poor, 11% fair, 40% good, 39% excellent; 93% bloomed, 38% 2003, 75% avg.; 78% topped, 19% 2003, 48% avg.; 24% harvested, 0% 2003, 18% avg. Other hay 3rd cutting 45%, 9% 2003, 35% avg.; 4th cutting 3%, 0% 2003, 4% avg. Alfalfa hay 3rd cutting 75%, 40% 2003, 66% avg.; 4th cutting 7%, 0% 2003, 11% avg. Apple condition 2% poor, 9% fair, 54% good, 35% excellent; 19% harvested, 8% 2003, 12% avg. Pasture harvesting 45%, 1% harvested. Watermelons 62% harvested, 38% 2003, 48% avg. Cucumbers 64% harvested, 40% 2003, 63% avg. Lima Beans for processing 60% harvested, 16% 2003, 29% avg. Snap beans 85% harvested, 63% 2003, 65% avg. Sweet corn 96% harvested, 69% 2003, 66% avg. Potatoes 58% harvested, 55% 2003, 76% avg. Tomatoes 70% harvested, 43% 2003, 52% avg. Cantaloupes 75% harvested, 51% 2003, 64% avg. Corn silage 14% harvested, 3% 2003, 5% avg. Hay supplies 7% very short, 11% short, 76% adequate, 6% surplus. State farmers experienced wet weather throughout the week due in part to the tropical systems that passed over the state. Precipitation amounts were anywhere from 0.5” to 5”. Conditions are very wet, are keeping farmers out of the fields. Disease, rain have hindered the harvesting of vegetables across the state. Corn 75% dough, 39% dent, 6% mature, with some reports of harvesting to begin as early as next week. Tomatoes are fair, 4% looking good, 78% are fair, 15% are good and compared to 45% the previous week. Tobacco is in fair to excellent condition with 24% harvested.

Michigan: Days suitable for fieldwork 5. Subsoil 5% very short, 25% short, 68% adequate, 2% surplus. Soybeans turning 1, 0% 2003, 0% avg. Barley 3% very poor, 7% poor, 33% fair, 37% good, 20% excellent. Oats 4% very poor, 11% poor, 33% fair, 43% good, 9% excellent. Oats turning 94%, 100% 2003, 100% avg. All hay 1% very poor, 10% poor, 33% fair, 45% good, 11% excellent. Second cutting hay 73%, 86% 2003, 83% avg.; 3rd cutting hay 17%, 21% 2003, 21% avg. Dry beans 5% very poor, 8% poor, 31% fair, 43% good, 13% excellent; 94% blooming, 86% 2003, 90% avg.; 57% setting pods, 49% 2003, 64% avg.; 1% turning, 1% 2003. NA avg. Blueberries 85% harvested, 66% 2003.Peaches 42% harvested. The State’s crops endured well below normal temperatures for most of the week. Averages for week ranged from 8° below normal southwest Lower Peninsula to 6° below normal four of State’s districts. Since April 1, only southwest district has cumulative growing degree days at or above normal. Precipitation ranged from 0.33 inches Lower Peninsula to 0.94 inches western Upper Peninsula. Cool temperatures continued this week, setting record lows in some parts of State. Precipitation variable. While most areas State reported adequate moisture, southeast, east central remained dry. Hay cutting has slowed due to cool, wet weather. Corn fields variable, growth slow due to lack of heat. In southeast, late planted corn had not yet begun to tassel. Soybean crop continued to advance slowly. Most fields setting pods. Cyst nematode symptoms reported in the Thumb. Sugar beets continued to progress. Reports of cercospora leaf spot limited. Dry beans looked good, behind schedule. In northern Lower Peninsula, fields setting pods. Apple growers continued harvesting summer apple varieties southwest. Nectarine leaf blight showing up Golden Delicious orchards. In southeast, apples continued to size well. Most varieties 2.75 to 3.25 inches diameter. Harvest of early varieties continue. In central, color, size excellent. In southern districts, peach harvest continued, size excellent, split pits, which was common in early varieties, becoming rare. Early peach harvest started west central. Split pits a common occurrence this year northwest. In southwest, plums have colored, harvest of early European varieties began. In southeast, plums continued to size well. European plums beginning to color, most being around 1.25 inches diameter, most plum harvests in center of harvest.


Iowa: Days suitable for fieldwork 6.4. Topsoil 3% very short, 20% short, 74% adequate, 3% surplus. Subsoil 2% very short, 14% short, 79% adequate, 5% surplus. Unusually cool, dry weather across the state was blamed for a slowdown on crop maturity. Producers called for rain, heat units. There were scattered reports of white mold in some (cases severe) in soybean fields as well as symptoms of sudden death syndrome, especially on early planted beans. Field Crops Report: Corn acreage in or past the milk stage 83%, compared to 80% 2003, 86% 5-yr avg.; 44% dough stage, 9% dent stage, condition 2% very poor, 6% poor, 18% fair, 48% good, 26% excellent. Soybean acreage 92% setting pods, compared to 87% 2003, 91% 5-yr avg.; condition 2% very poor, 7% poor, 19% fair, 49% good, 23% excellent. Alfalfa 3rd cutting complete 45%. Hay condition 1% very poor, 5% poor, 21% fair, 53% good, 20% excellent. Livestock, Pasture, Range Report: Overall, livestock conditions were good, pasture feeds for this time of year were again reported to be better than normal. Pasture, range feed 1% very poor, 7% poor, 22% fair, 54% good, 16% excellent.

Kansas: Days suitable for fieldwork 5.5. Topsoil 1% very short, 24% short, 72% adequate, 3% surplus. Subsoil 6% very short, 30% short, 63% adequate, 1% surplus. The State received some scattered showers throughout the week. 51% of the State was in good to excellent condition.
Processing tomato harvest southeast delayed due to unseasonable temperatures. Statewide, growers continued to scout, treat for diseases. Harvest of peppers, eggplant southwest slowed by cool temperatures. Cucumber, zucchini harvest continued. Some pollination problems reported in zucchini. Celery harvest progressed on schedule. Cantaloupes continued to color southeast, very little harvest activity reported. Pumpkins started coloring. Carrot harvest well underway southwest. West central growers continued to fight aster leafhopper, cercospora. Watermelon harvest not yet started southwest. Cool temperatures kept disease to a minimum asparagus; common asparagus beetle pressure fairly heavy.

MISSOURI: Days suitable for fieldwork 6.6. Topsoil 2% very short, 24% short, 71% adequate, 3% surplus. Moisture shortages are showing up in a large number of counties, although adequate ratings are still predominant in all districts. Crop development was slowed by the cool temperatures of the past week but condition of crops remains above normal in most areas. Corn denting ranges from 31% in the south-central district, 56% in the north-central, 79% in the north-central, southeastern counties, although the over-all effect on a State basis still appears to be minor. Sorghum heading is least advanced in the central district, at 71%, most advanced in the southeast at 97%. Alfalfa hay 3rd cutting 68%, 72% 2003, 68% avg. Hay cut 97%, 100% 2003, 99% avg. Pastures 1% very poor, 3% poor, 20% fair, 64% good, 12% excellent, a minor decline from a week earlier, reflecting the less available moisture supply. Rainfall averaged 0.04 inch, as nearly the entire State received little or no rain.

MONTANA: Days suitable for fieldwork were 5.6. Topsoil 27% very short, 38% short, 32% adequate, 3% surplus, 2003 67% very short, 29% short, 4% adequate, no surplus. Subsoil 41% very short, 37% short, 22% adequate, no surplus, 2003 59% very short, 36% short, 5% adequate, no surplus. State experienced warm temperatures, as well as above normal precipitation in most areas, for the week ending August 8th, 2004. Winter wheat condition 5% very poor, 8% poor, 17% fair, 48% good, 22% excellent; progress 80% ripe, 38% harvested, 2003 96%, and 76%, respectively. Spring wheat 3rd cutting 90% harvested, 2003 93%, 90%, 94%, and 18%, respectively, 6% very poor, 11% poor, 32% fair, 40% good, 11% excellent. Durum wheat 90% boot stage, 82% headed, 32% turning color, 2% ripe, behind 2003 100%, 100%, 81%, 27%, respectively, 5% very poor, 15% poor, 28% fair, 41% good, 11% excellent. Barley 83% turning, 31% ripe, 9% harvested, compared to 90%, 50%, 20% 2003, respectively, 4% very poor, 8% poor, 33% fair, 45% good, 10% excellent. Oats 84% turning, 20% ripe, 6% harvested, compared to 2003 92%, 57%, and 23%, respectively. Oats condition 15% very poor, 14% poor, 31% fair, 34% good, 6% excellent. Sugar beets condition 13% very poor, 17% poor, 37% fair, 27% good, 6% excellent. Corn condition 15% very poor, 20% poor, 35% fair, 27% good, 3% excellent, which is behind the 5-yr avg 0% very poor, 3% poor, 31% fair, 46% good, 20% excellent. Dry bean condition 1% very poor, 16% poor, 51% fair, 31% good, 1% excellent, compared to the five-year average at 1% very poor, 6% poor, 33% fair, 51% good, 9% excellent. Potatoes declined slightly, compared to 90%, 50%, 20% 2003, 34% very poor, 10% poor, 26% fair, 38% good, 4% excellent. Other hay 1st cuttings complete 96%. Alfalfa, other hay 2nd cuttings 28% and 18% complete, respectively. Range, pasture feed 26% very poor, 20% poor, 30% fair, 21% good, 3% excellent, compared to the five-year average at 18% very poor, 27% poor, 35% fair, 17% good, and 3% excellent.

NEW ENGLAND: Days suitable for field work 4.5. Topsoil 3% short, 36% adequate, 1% surplus. Subsoil 36% very short, 36 short, 28 adequate, 0% surplus. Temperatures for the week averaged from 7 to 15° below normals. Precipitation was statewide with amounts ranging from traces to over one inch. Alfalfa condition 9% very poor, 19% poor, 26% fair, 33% good, 13% excellent; 3rd cutting 59%, 58% 2003, 58% avg. Activities Included: Finishing oat harvest, irrigating, spraying for soybean aphids, and preparing for fall wheat seeding.
Tomato conditions ranged from poor to excellent, onion conditions were mostly good with 20% harvested. Cabbage in good condition with over 20% harvested. Snap beans were in good condition with 30% harvested. Water-logging was a problem in some areas but cooler than normal temperatures benefited livestock.

**NORTH CAROLINA:** Days suitable for field work 4.4. Soil 0% very short, 4% short, 47% adequate, 49% surplus. Farmers tried to get as much field work completed as possible before Hurricane Charley arrived. Activities included: Harvesting tobacco, peaches, apples, cutting hay, corn silage, spraying for disease, pest control. The second hurricane to hit the State in the last two weeks brought heavy rainfall in the eastern part of the State. Storms this month continued an average pattern, but the full impact of the damage will not be known until all counties are evaluated. A major concern for many farmers will be the increased crop disease brought on by high moisture levels.

**NORTH DAKOTA:** Days suitable for fieldwork 5.2. Topsoil 17% very short, 24% short, 54% adequate, 5% surplus. Subsoil 18% very short, 23% short, 54% adequate, 5% surplus. Cool, damp weather last week continued to slow progress of small grain harvest, delay the development of immature crops. Warm weather, sunshine were reported as being needed for late season crop development. Durum wheat 57% turning or beyond; 77% 2003, 70% avg.; 5% harvested, 20% 2003, 12% avg. Hard red spring wheat 82% turning or beyond; 94% 2003, 90% avg. Oats 90% turning or beyond, 98% 2003, 91% avg. Canola 76% turning or beyond, 93% 2003, 89% avg.; 27% swathed, 71% 2003, 62% avg.; 3% combined, 22% 2003, 12% avg. Dry Edible Beans 71% podding or beyond, 88% 2003, 91% avg.; 10% fully podded, 43% 2003, 51% avg.; none lower leaves yellowing, 18% 2003, 19% avg. Flexseed 65% turning or beyond, 85% 2003, 71% avg.; 1% combined, 7% 2003, 5% avg. Potatoes 8% had vines killed, 24% 2003, 10% avg. Sunflower 63% blooming or beyond, 89% 2003, 86% avg.; 2% ray flowers dried/dropped, 10% 2003, 8% avg. Emerged crop conditions ratings: Canola 2% very poor, 4% poor, 25% fair, 50% good, 19% excellent. Durum wheat 3% very poor, 5% poor, 27% fair, 60% good, 5% excellent. Dry edible beans 1% very poor, 5% poor, 29% fair, 52% good, 13% excellent. Flax 2% very poor, 3% poor, 26% fair, 58% good, 11% excellent. Potatoes 1% very poor, 3% poor, 22% fair, 54% good, 20% excellent. Sugar beets 1% very poor, 4% poor, 22% fair, 54% good, 19% excellent. Sunflower 1% very poor, 7% poor, 34% fair, 49% good, 9% excellent. Hay 15% very poor, 12% poor, 34% fair, 33% good, 6% excellent. Alfalfa 2nd cutting complete 77%, 90% of all other hay had been baled. Stockwater supplies 9% very short, 20% short, 68% adequate, 3% surplus. Range, pasture feeds 14% very poor, 21% poor, 33% fair, 29% good, 3% excellent.

**OHIO:** Days suitable for field work 6.0. Topsoil 2% very short, 16% short, 76% adequate, 6% surplus. Subsoil 3% very short, 76% short, 19% adequate, 4% surplus. Alfalfa hay 2nd cutting complete 93%, 76% harvested, 14% very short, 20% 2003, 3% 2004. Apples harvested (summer) 63%, 75% 2003, 74% avg. Corn in dough 76%, 44% 2003, 58% avg.; 17% dented, 3% 2003, 12% avg. Oats 88% harvested, 77% 2003, 92% avg. Other hay 2nd cutting complete 73%, 62% 2003, 79% avg.; 3rd cutting complete 17%, 10% 2003, 22% avg. Peaches 69% harvested, 58 % 2003, 63% avg. Potatoes 35 harvested, 19% 2003, 24% avg. Soybeans 97% blooming, 96% 2003, 97% avg.; 84% setting pods, 66% 2003, 78% avg. Corn conditions 3% very poor, 9% poor, 25% fair, 45% good, 18% excellent. Hay conditions 1% very poor, 8% poor, 29% fair, 49% good, 13% excellent. Oats conditions 2% very poor, 8% poor, 26% fair, 56% good, 8% excellent. Pasteur feeds 1% very poor, 6% poor, 27% fair, 52% good, 14% excellent. Soybean conditions 4% very poor, 10% poor, 27% fair, 44% good, 15% excellent. For many counties, it was a good week for field work. Activities included: Baling hay, straw, spraying alfalfa hay, chiseling wheat stubble, especially in Ashland and Crawford counties. Many counties are still busy with the state and local fairs. Most of the oat crop has been harvested in Noble county. The farmers in Montgomery, Wayne counties worked on mowing weeds along fences, roadsides, ditches. Cooler temperatures have caused some concern about several fresh vegetable crops such as cucumbers, tomatoes in Fulton county. Fruit crops in Fulton county appear to be in good shape, 30% swelling indicator active in Darke, Meigs counties. Paulding, Lucas, Darke counties have all reported some soybean fields with sudden death syndrome. Lucas county also reported brown stem rot, phytophthora root rot, spider mites in soybeans. In Miami county, soybean, corn crops were in good condition. Wayne county peaches, summer apples are ripening earlier than usual. Harrison county reported apples to be growing well. The livestock for Holmes county.
OKLAHOMA: Days suitable for fieldwork 4.6. Topsoil 5% very short, 12% short, 78% adequate, 5% surplus. Subsoil 5% very short, 20% short, 71% adequate, 4% surplus. Wheat 96% plowed, 93% last week, 96% 2003, 95% avg.; 33% seedbed prepared, 14% last week, 24% 2003, 30% avg. Oats 99% plowed, 94% last week, 97% 2003, 96% avg.; 15% seedbed prepared, 10% last week, 19% 2003, 24% avg. Corn 1% poor, 9% fair, 35% good, 55% excellent; 88% dough, 63% last week, 67% 2003, 76% avg.; 30% mature, 24% last week, 32% 2003, 29% avg. Soybeans 1% poor, 1% fair, 17% good, 25% excellent; 2% very good, 8% poor, 8% fair, 35% fair, 50% good, 5% excellent. Soybean condition 1% very poor, 3% poor, 11% fair, 32% good, 5% excellent. Tobacco 20% harvested, 0% 2003, 5% avg. Potatoes 17% harvested, 10% 2003, 15% avg. Alfalfa 2nd cutting complete 87%, 84% 2003, 89% avg.; 3rd cutting complete 44%, 35% 2003, 50% avg.; condition 2% very poor, 4% poor, 16% fair, 51% good, 27% excellent. Timothy clover 2nd cutting complete 53%, 38% 2003, 53% avg.; condition 1% very poor, 4% poor, 21% fair, 56% good, 18% excellent. Peaches 58% harvested, 52% 2003, 55% avg. Apple condition 8% poor, 26% fair, 53% good, 13% excellent; 22% harvested, 10% 2003, 14% avg. Quality of hay made 3% very poor, 13% poor, 48% fair, 29% good, 7% excellent. Pasture feeds 3% very poor, 6% poor, 23% fair, 45% good, 23% excellent. Activities include: Hay making; spreading manure; applying herbicides, pesticides; harvesting oats, picking fruit; repairing fences, machinery; and baling straw.

SOUTH CAROLINA: Days suitable for field work 4.9. Soil 2% very short, 8% short, 62% adequate, 27% surplus. Corn 99% droughted, 96% 2003, 98% avg.; 77% matured, 74% 2003, 80% avg.; 14% harvested, 9% 2003, 21% avg.; 4% very poor, 10% poor, 27% fair, 48% good, 11% excellent. Peanuts 94% pegged, 99% 2003, 97% avg.; 2% poor, 44% fair, 52% good, 2% excellent. Sorghum 100% headed, 91% 2003, 87% avg.; 70% turned color, 64% 2003, 64% avg.; 40% matured, 16% 2003, 24% avg.; 8% harvested, 3% 2003, 6% avg.; 33% fair, 62% good, 5% excellent. Cotton 100% squared, 99% 2003, 99% avg.; 93% setting bolls, 74% 2003, 81% avg.; 86% open bolls, 5% 2003, 5% avg.; 3% poor, 20% fair, 71% good, 6% excellent. Pastures 1% very poor, 9% poor, 22% fair, 64% good, 4% excellent. Soybeans 90% bloomed, 69% 2003, 70% avg.; 58% setting pods, 32% 2003, 38% avg.; 3% leaves turning color, 2% 2003, 4% avg.; 3% poor, 20% fair, 65% good, 12% excellent. Tobacco 73% harvested, 88% 2003, 63% avg.; 15% stalks destroyed, 10% 2003, 14%; 1% very poor, 3% poor, 18% fair, 60% good, 18% excellent. Other hay 90% harvested, 90% 2003, 91% avg.; 8% poor, 10% fair, 49% good, 6% excellent. Peaches 80% harvested, 79% 2003, 84% avg.; 2% very poor, 2% poor, 9% fair, 39% good, 48% excellent. Apples 73% fair, 27% good. Watermelons 99% harvested, 99% 2003, 99% avg. Tomatoes 99% harvested, 100% 2003, 100% avg. Cantaloups 99% harvested, 99% 2003, 99% avg. Livestock 1% poor, 19% fair, 66% good, 14% excellent.

SOUTH DAKOTA: Days suitable for fieldwork 5.8. Topsoil 15% very short, 30% short, 54% adequate, 1% surplus. Subsoil 20% very short, 28% short, 51% adequate, 1% surplus. Feed supplies 11% very short, 21% short, 61% adequate, 7% surplus. Stock water supplies 24% very short, 22% short, 52% adequate, 2% surplus. Barley 97% ripe, 99% 2003, 98% avg. Oats 97% ripe, 100% 2003, 98% avg. Spring wheat 97% ripe, 99% 2003, 99% avg. Sunflower 7% very poor, 6% poor, 29% fair, 49% good, 9% excellent; 73% blooming, 76% 2003, 80% avg.; 8% ray flowers dry, 12% 2003, 21% avg.; 2% bracts yellow, 5% 2003, 11% avg. Cattle condition 4% poor, 16% fair, 61% good, 17% excellent. Sheep condition 1% poor, 8% fair, 59% good, 19% excellent. Range, pasture condition did little to advance field crops, which have been lagging behind normal maturity all summer. Winter wheat harvest is nearly complete, while spring-seeded small grain harvest continues slowly. Producers are controlling weeds on small grain stubble, putting up hay, scouting for insects, in addition to the small grain harvest.
UTAH: Days suitable for field work 7. Subsoil 20% very short, 43% short, 37% adequate, 0% surplus. Irrigation water supplies 34% very short, 33% short, 33% adequate, 0% surplus. Winter wheat 71% harvested, 84% 2003, 80% avg.; condition 4% very poor, 10% poor, 20% fair, 46% good, 20% excellent. Spring wheat 39% harvested, 78% 2003, 65% avg.; 5% very poor, 7% poor, 29% fair, 42% good, 17% excellent. Barley harvested (grain) 71%, 72% 2003, 70% avg.; condition 5% very poor, 1% poor, 59% fair, 17% excellent. Oats: harvested (grain) 59%, 52% 2003, 44% avg.; harvested for hay or silage 97%, 94% 2003, 92% avg. Corn silked (tasseled) 94%, 89% 2003, 83% avg.; 22% dough, 24% 2003, 18% avg.; silage, 1% harvested (silage). condition 0% very poor, 1% poor, 25% fair, 59% good, 15% excellent; height 88 inches, 84 inches 2003, 82 inches avg. Alfalfa hay 2nd cutting 95%, 94% 2003, 95% avg.; 3rd cutting 35%, 21% 2003, 27% avg. Other hay cut 95%, 95% 2003, 95% avg. Alfalfa seed harvested 0%. Onions 13% harvested, 0% 2003, 6% avg. Cattle, calves moved from summer range 1%, 10% 2003, 8% avg. Cattle, calves condition 2% very poor, 2% poor, 20% fair, 68% good, 8% excellent. Sheep, lambs moved from summer range 4%, 0% 2003, 8% avg. Sheep condition 5% very poor, 1% poor, 16% fair, 74% good, 4% excellent. Stock Water supplies 21% very short, 34% short, 44% adequate, 1% surplus. Apricots 100% harvested, 100% 2003, 100% avg. Tart cherries 100% harvested, 88% 2003, 96% avg. Peaches 19% harvested, 20% 2003, 22% avg. The major concern across the state continued to be the lack of water. Irrigation water is very short throughout the state, especially in those areas that depend on Bear Lake. Grain harvest continued to be in full swing. Some areas began fall fieldwork, by preparing summer fallow acres to be planted. Yields in Box Elder were better than expected on both grain, hay while dryland crops were slightly below average to average. Many irrigation tracts have shut-off water for the season, causing concerns for future water needs to finish crops. Cattle, sheep remain in good condition, livestock conditions in some counties worsened in the last week. Range, Pasture feeds also suffered slightly in the past week due to the high temperatures. Mountain ranges continue to hold up mostly due to summer rain showers that have brought some much needed moisture.

WASHINGTON: Days suitable for field work 6.9. Topsoil 12% very short, 28% short, 60% adequate. Subsoil 10% very short, 34% short, 56% adequate. Irrigation water supply 3% very short, 7% short, 90% adequate. The highest temperature in the state was 105°F in Hanford. The lowest temperature in the state was 45°F in Pullman. Winter wheat harvest 76% complete. Spring wheat condition 2% very poor, 3% poor, 29% fair, 62% good, 4% excellent; 64% harvested. Barley condition 1% very poor, 9% poor, 30% fair, 54% good, 6% excellent; 52% harvested. Wheat, barley harvest was progressing well with yields reported around average to slightly above average in most areas. Due to hot weather early in the growing season, one specific count reported wheat at low test weights, below a grade one. Potato conditions 1% poor, 5% fair, 92% good, 2% excellent. Potatoes 31% harvested. Corn conditions 3% fair, 95% good, 2% excellent; harvested for silage 10% harvested. Dry Peas 85% harvested. Dry edible bean conditions 2% fair, 94% good, 4% excellent. Dry edible beans 10% harvested. Processing green peas 96% harvested. Lentil harvest in a significant pulse producing county experienced yields 50 percent or more below average due to damage from an August 2 wind storm. Alfalfa hay 2nd cutting complete 96%, 3rd cutting complete 74%. Hay, other roughage supplies 1% very short, 6% short, 85% adequate, 8% excellent. Range, pasture feeds 8% very poor, 14% poor, 46% fair, 32% good. Dairies in Snohomish, King Counties continued to irrigate
grass fields. Blueberry harvest was still underway with reports of good yields. The picking of some fall bearing red raspberry varieties began. Apples, Bartlett pears were being harvested.

**WEST VIRGINIA:** Days suitable for field work 5.0. Topsoil 13% short, 74% adequate, 13% surplus compared to 2003. 76% adequate, 24% surplus. Corn conditions 5% poor, 23% fair, 66% good, 6% excellent; 92% silked, 72% 2003, 82% 5-yr avg.; 59% doughing, 28% 2003, 34% 5-yr avg.; 9% denting, 1% 2003, 5-yr avg. not available. Oats 75% harvested for grain, 45% 2003, 76% 5-yr avg. Soybeans conditions 4% poor, 27% fair, 64% good, 5% excellent; 86% blooming, 60% 2003, 77% 5-yr avg.; 71% setting pods, 39% 2003, 42% 5-yr avg. Tobacco conditions 90% poor, 10% good; 42% topped, 18% 2003, 39% 5-yr avg. Hay conditions 4% poor, 38% fair, 54% good, 7% excellent; 2nd cutting complete 53%, 23% 2003, 53% 5-yr avg. Apples 1% poor, 17% fair, 81% good, 1% excellent. Peaches 1% poor, 16% fair, 82% good, 1% excellent; 66% harvested, 32% 2003, 5-yr avg. not available. Cattle, calves 2% poor, 11% fair, 77% good, 10% excellent. Sheep, lambs 1% poor, 6% fair, 79% good, 14% excellent. Activities: Making hay, clipping pastures, getting animals ready for the state fair, moving hay to storage, equipment, structure maintenance, applying fertilizer, treating sheep, goats for parasites, harvesting oats, peaches, sweet corn and vegetables.

**WISCONSIN:** Days suitable for fieldwork 5.1. Soil 3% very short, 21% short, 72% adequate, 4% surplus. Cool Weather Slows Maturity. Hay is being made in the cool weather, but it leaves many other crops at a standstill. Temperatures this past week were 5 to 10° below normal for this time of year, ranging from the mid 40’s to the low 70’s. Precipitation ranged from trace amount to almost 1 inch. Year-to-date precipitation in the northwestern part of the state is about 3 inches below normal, the west central part of the state is 5 inches above normal, and the south central part of the state is 2.5 inches above normal. The rest of the state is close to normal. Corn is looking good, despite being about 2 weeks behind. Some late-planted corn has not yet silked, will need a late frost and warm weather to reach maturity. Second crop hay harvest is almost complete, with reports of high quality. Third crop is looking good, but could use more rain in some areas of the state. Oats harvest has produced above average yields in some areas of the state, while others have yet to start harvest. Oats are producing more straw than normal. Soybeans look good, are setting pods around the state, but the cool weather has slowed development. Wheat yields vary from 20 to 70 bushels per acre across the state.

**WYOMING:** Days suitable for field work 7.0. Topsoil 33% very short, 42% short, 25% adequate. Barley 96% turning color, 2003 99%, 95% 5-yr avg.; 77% mature, 91% 2003, 81% 5-yr avg.; 46% harvested, 64% 2003, 56% 5-yr avg. Oats 77% turning color, 95% 2003, 85% 5-yr avg.; 54% mature, 71% 2003, 59% 5-yr avg.; 41% harvested, 30% 2003, 33% 5-yr avg.; 11% very poor, 19% poor, 23% fair, 46% good, 1% excellent. Spring wheat 82% turning color, 95% 2003, 89% 5-yr avg.; 67% mature, 71% 2003, 69% 5-yr avg.; 61% harvested, 40% 2003, 41% 5-yr avg.; 41% very poor, 27% poor, 19% fair, 13% good. Winter wheat 96% harvested, 96% 2003, 96% 5-yr avg. Corn 95% tasseled, 97% 2003, 97% 5-yr avg.; 67% silked, 88% 2003, 87% 5-yr avg. Corn 25% milk, 63% 2003, 60% 5-yr avg.; 3% very poor, 10% poor, 29% fair, 56% good, 2% excellent. Dry beans 94% bloom, 100% 2003, 96% 5-yr avg. Dry beans 73% setting pod, 90% 2003, 80% 5-yr avg.; 2% leaves turning, 20% 2003, 23% 5-yr avg.; 2% very poor, 3% poor, 27% fair, 68% good. Sugarbeets Condition 3% very poor, 7% poor, 26% fair, 60% good, 4% excellent. Alfalfa 2nd cutting 46%, 62% 2003, 58% 5-yr avg. Other hay 68% harvested, 90% 2003, 84% 5-yr avg. Irrigation water supplies 36% very short, 25% short, 39% adequate. Range, pasture feed 32% very poor, 31% poor, 25% fair, 9% good, 3% excellent. Livestock condition 1% poor, 30% fair, 68% good, 1% excellent. Temperatures were below normal except in the western part of the State. Temperatures ranged from 8.0° below normal in Gillette to 2.9° above normal in Uinta. The highest temperature was 97° in Torrington, while the lowest temperature was 33° in Afton, Big Piney, and Laramie. Only light precipitation was reported in the eastern part of the state. The most precipitation fell in Newcastle with 0.17 inch and Gillette with 0.13 inch.