ALABAMA: Days suitable for fieldwork 6.6. Topsoil 35% very, short, 43% short, 22% adequate. Corn 85% harvested, 68% 1999, 70% 5 yr avg. Soybeans setting pods 93%, 86% 1999, and 94% 5 yr avg. Soybeans 41% dropping leaves, 39% 1999, 30% 5 yr avg.; 6% harvested, 9% 1999, 2% 5 yr avg.; 38% very poor, 31% poor, 25% fair, 6% good. Pasture feed 35% very poor, 30% poor, 27% fair, 8% good. Livestock feed 9% very poor, 17% poor, 75% fair, 20% good, 4% excellent. Cotton harvesting has begun. Harvesting irrigated tomatoes, other vegetable crops. Drought conditions persist.

ALASKA: Days suitable for fieldwork 5.3. Topsoil 5% short, 75% adequate, 20% surplus. Subsoil moisture 5% short, 80% adequate, 15% surplus. Cool but dry conditions allowed producers to make good progress harvesting potatoes. Daytime high temperatures averaged mostly in the fifties, lows averaged mostly in the thirties. Barley 35% harvested, 61% 1999, 59% avg. Oats 2% harvested, 24% 1999, 23% avg. Potato 60% harvested, 52% 1999, 58% avg. Hay harvest 95% 2nd cutting, 48% 1999, 37% avg. Livestock feed 20% fair, 60% good, 20% excellent. Major farming activities for the week included: Cutting, harvesting hay, harvesting vegetables, harvesting small grains, harvesting potatoes.

ARIZONA: Area recorded above average temperatures with very light precipitation during the week of September 17. Above average temperatures for the second week in a row have caused alfalfa conditions to slightly decline. Lack of substantial precipitation has had little impact on crops due to irrigation, but has adversely affected range, pasture feeds.

ARKANSAS: Days suitable for fieldwork 6.0. Soil moisture 68% very short, 25% short, 7% adequate. Rice 100% headed, 100% 1999, 100% 5 yr. avg.; 85% ripe, 42% harvest, 51% 1999, 44% 5 yr. avg.; 1% very poor, 5% poor, 22% fair, 54% good, 18% excellent. Sorghum 99% tanning color, 100% 1999, 99% 5 yr. avg.; 96% mature, 95% 1999, 86% 5 yr. avg.; 85% harvest, 75% 1999, 61% 5 yr. avg. Cotton 83% opening bolls, 81% 1999, 71% 5 yr avg.; 11% harvest, 6% 1999, 3% 5 yr avg.; 3% very poor, 17% poor, 35% fair, 38% good, 7% excellent. Soybean 100% bloomed, 100%, 1999, 100% 5 yr avg.; 98% setting pods, 99% 1999, 98% 5 yr avg.; 33% shedding, 21% 1999, 17% 5 yr avg.; 13% mature, 6% harvest, 7% 1999, 5% 5 yr avg.; 20% very poor, 22% poor, 30% fair, 24% good, 4% excellent. Com 100% mature, 94% harvest, 89% 1999, 84% 5 yr avg. Alfalfa Hay 13% very poor, 25% poor, 55% fair, 7% good, 0% excellent. Other Hay conditions 28% very poor, 41% poor, 23% fair, 7% good, 0% excellent. Pasture, Range feeds 39% very poor, 43% poor, 16% fair, 2% good, 0% excellent. CROPS: Rice, sorghum, soybean, cotton harvest continued with corn harvest winding down. Defoliation continued in cotton fields. Full season soybeans were still being irrigated. Generally, good rice yield being reported. Some farmers were preparing to seed cool season crops such as wheat, rye, ryegrass, clover. Other activities included: Cutting, baling hay, harvesting apples.

CALIFORNIA: Beneficial weather has allowed cotton to mature ahead of past year’s pace. Percent of bolls open ranged from 25% in some northern counties to 100% in parts of the Imperial Valley. Many cotton growers were applying defoliants in preparation for harvest. Less mature fields of cotton were treated to control worms, lygus, aphids. Picking was expected to begin on a limited basis next week, primarily to calibrate machinery. Black-eyed beans were drying in the field. Occasional fields were still being treated for worms, mites. Sugar beets were harvested. Seed alfalfa was harvested, stubble was either burned or disked to limit future weed and pest outbreaks. Alfalfa hay was being cut, windrowed, dried, baled. Sudan hay was being cut. A few corn fields were being sprayed for weeds. Corn for silage, corn for grain were actively being harvested. Harvested corn fields were being prepared for winter planting to grain or forage. Some early planted barley fields were starting to emerge. The rice harvest was accelerating. Harvest of sunflower fields was nearly completed. Vineyards, fruit orchards were undergoing weed control, fungicide applications, irrigation. Picking of grapes for fresh consumption was active in the San Joaquin Valley. Red Globe, Thompson Seedless were the primary varieties picked. Wine grape harvest was active. An estimated 10% of the raisin crop remains to be harvested. Approximately 68% of the raisin crop was picked, placed on trays, 20% was percent rolled, 2% was picked up, taken from the field. Harvest of freestone, clingstone peaches, nectarines, plums, prunes was slowing. Asian pear picking was active in the San Joaquin Valley. Pomegranate harvesting continued. Granny Smith apple picking continued. Olive growers were trapping, spraying for the olive fruit fly. Harvest of olives will also active. Picking of grapefruit was active in the San Joaquin Valley. Lemon harvest was active in southern state. The harvest of Valencia oranges slowed in southern state, the San Joaquin Valley in response to market conditions. Raspberries were harvested in the Tehachapi area. Almond harvest gathered momentum as later variety trees were now being shaken. Walnuts were treated for codling moth, some early varieties were being harvested. Pistachio harvest was active. Broccoli, cauliflower, spinach plantings benefitted from the mild weather. Some cauliflower was being planted for the spring 2001 harvest. Pumpkins were maturing normally, will be ready for Halloween. The season was almost complete for most Asian vegetables. Harvest of sweet corn continued, some growers reported worm problems. Processing tomato harvest volume was very heavy. Fresh market tomato harvest was also very active. Honeydew melons were in the final stages of production; quality declined slightly, but sugar content was still very good. Cantaloupe harvest continued at a slow pace. Fall melons were setting fruit. Fall season head lettuce was thriving; fields were being irrigated, weeded, sprayed to control worms. Harvesting of garlic, onions was active in Fresno County. The following vegetables were also harvested this week: Basil; carrots; cucumbers; Chinese broccoli; radishes; cilantro; yellow, green, long beans; eggplant; mustard greens; green onions; mixed melons; okra; parsley; bell, sweet, chili peppers; kabocha, scalloped, yellow crookneck, zucchini squash; snap peas; spinach; cherry tomatoes; watermelons. Higher elevation pastures continued to deteriorate. Cattle were moving to market or to lower elevation, foothill pastures. Some cattle on foothill pastures were receiving supplemental feed, depending on the type of cattle, the amount of dry grass available. Irrigated, valley pastures were in fair to good condition. Sheep were grazing stubble fields in central state, sudan grass and alfalfa fields in the Imperial Valley. Bees continued to pollinate some late melon fields.

COLORADO: Days suitable for fieldwork 6.8. Topsoil 28% very short, 46% short, 26% adequate, 0% surplus. Subsoil moisture 35% very short,
DELAWARE: Days suitable for fieldwork 5.5. Topsoil 5% short, 87% adequate, 8% surplus. Subsoil moisture 2% short, 93% adequate, 5% surplus. Field corn 55% mature, 51% 1999, 55% avg.; 18% harvested for grain, 28% 1999, 21% avg. Corn harvested for silage 60% harvested, 72% 1999, 70% avg. Sweet corn 95% harvested, 89% 1999, 92% avg. Soybeans 92% setting pods, 96% 1999, 89% avg.; 30% turning color, 23% 1999, 25% avg.; 6% shedding leaves, 11% 1999, 10% avg. Sorghum 3% fair, 95% good, 2% excellent, 57% turning, 51% 1999, 51% avg.; 12% mature, 24% 1999, 19% avg. Pasture feed 2% poor, 10% fair, 81% good, 7% excellent. Corn 4% fair, 80% good, 16% excellent. Soybean 20% fair, 56% good, 24% excellent. Apple 6% fair, 83% good, 11% excellent; 60% harvested, 61% 1999, 56% avg. Hay supplies 10% very short, 12% short, 75% adequate, 3% surplus. Percent of cutting hay crop harvest; clever, other hayys, 94% 3rd cutting cut, 94% 1999, 91% avg.; 38% 4th cutting cut. Alfalfa 55% 4th cutting cut, 53% 1999, 47% avg. Tomatoes 92% harvested, 89% 1999, 92% avg. Activities: Warm, humid early last week, showers Wed. and Thur. with as much as 2 inches in some areas, then cooler - low 70's, low humidity. A lot of corn being harvested south, fungus still a significant problem in limas, snap beans. Lima yield reported good to better than avg.

FLORIDA: Rainfall for September 10 through 16 mostly 0.66 in. or less except for early week rains totaling from 2.00 to over 4.00 in. Dade County. At end of week and on Sunday, Hurricane Gordon brought significant rains to Immokalee, Palmetto-Ruskin, East Coast regions. Palmetto-Ruskin recorded from 5.50 to 8.00 in. through Sunday. Ft. Myers recorded over 6.00 in. from the storm; Fort Pierce, about 3.00 in.; significant rains to Immokalee, Palmetto-Ruskin, East Coast fields. Dade County vegetables escaped any major damage. Corn for grain harvest winding down. Seventeen percent of peanuts reported harvested. Peanut 17% poor, 67% fair, 16% good. Strong winds, heavy rains accompanying Hurricane Gordon damaged some vegetable foliage, increased bloom drop in some southwestern, Panhandle, north: pasture, cattle in fair to good condition. Southern counties reported very good to excellent conditions. Rain slowed field activities. Corn stalks are weak, many fields. Farmers are concerned about lodging problems. Corn, soybean plants advancing rapidly toward maturity. Soybean condition improved. Tobacco, potato harvest continued. Seeding winter wheat continued. Rain helped dry soils in most areas. Precipitation averaged 0.70 to 2.68 inches. Temperatures averaged 0° to 7° below normal. Sudden death syndrome evident in some soybean fields. Range, pasture 1% very poor, 5% poor, 29% fair, 32% good, 13% excellent. Soybeans 27% mature, 41% 1999, 24% avg. Fourth cutting alfalfa hay continued. Tobacco harvest 78% complete, 84% 1999, 63% avg. Major activities: Balay ing, cleaning grain bins, hauling grain to market, mowing roads, harvesting seed corn, hauling manure, seeding winter wheat, preparing equipment for fall harvest, caring for livestock.

IDAHO: Days suitable for field work 6.6. Topsoil 23% very short, 41% short, 36% adequate. Potato harvest is gaining momentum in the Treasure, Magic Valleys, while harvest in Eastern areas is well underway. Irrigation supply 13% excellent, 25% good, 30% fair, 21% poor, 11% very poor. Onions 33% harvested, 42% 1999, 37% avg. Potato vines 76% dying, 18% 1999, 4% avg. Drought conditions prevailed, 14% harvested, 13% 1999, 12% avg. Oats 96% harvested for grain, 84% 1999, 81% avg. Dry beans 50% harvested, 66% 1999, 46% avg. Peaches 94% harvested, 77% 1999, 83% avg. Prunes, plums 82% harvested, 56% 1999, 61% avg. Apples 25% harvested, 8% 1999, 11% avg. Sweet corn 78% harvested, 74% 1999 80% avg.; 27% harvested for silage, 34% 1999, 25% avg.; 0% harvested for grain, 1% 1999, 1% avg. Alfalfa hay 87% 3rd cutting cut, harvested, 75% 1999,62% avg. Sugarbeets 0% harvested, 3% 1999, 3% avg. Winter wheat 16% planted, 9% 1999, 15% avg.; 1% emerged, 1% 1999, 2% avg. Activities: Monitoring for disease, killing potato vines, fall field work, harvesting small grains, hay, mint, sweet corn, potatoes, dry beans, corn for silage, fruit.

ILLINOIS: Days suitable for fieldwork 5.2. Topsoil 6% very short, 26% short, 62% adequate, 6% surplus. Soybeans 89% turning yellow, 84% 1999, 64% avg. Alfalfa 99% 3rd cut, 97% 1999, 91% avg. Heavy winds, rain across most of the state early last week caused damage to many corn fields, slowed down harvest. The amount of damage was wide ranging, from plant tops being snapped off above the ear to entire fields being totally flattened. Stark rot, corn borers, early season dry weather conditions are being blamed for the poor stalk quality in areas with the most severe damage, particularly in the West, Northwest Districts. The soybean crop continues to mature rapidly. Though the storms had little affect on the soybeans, Sudden Death Syndrome is being reported throughout the state with a wide range of severity. Some farmers were busy with seed corn harvest, chopping silage last week, while others were preparing equipment, storage for the upcoming harvest.

INDIANA: Days suitable for fieldwork 3.7. Topsoil 1% very short, 9% short, 78% adequate, 12% surplus. Subsoil 6% very short, 18% short, 70% adequate, 6% surplus. Corn, soybean harvest continued in some areas. Rain slowed field activities. Corn stalks are weak, many fields. Farmers are concerned about lodging problems. Corn, soybean plants advancing rapidly toward maturity. Soybean condition improved. Tobacco, potato harvest continued. Seeding winter wheat continued. Rain helped dry soils in most areas. Precipitation averaged 0.70 to 2.68 inches. Temperatures averaged 0° to 7° below normal. Sudden death syndrome evident in some soybean fields. Range, pasture 1% very poor, 5% poor, 29% fair, 32% good, 13% excellent. Soybeans 27% mature, 41% 1999, 24% avg. Fourth cutting alfalfa hay continued. Tobacco harvest 78% complete, 84% 1999, 63% avg. Major activities: Balay ing, cleaning grain bins, hauling grain to market, mowing roads, harvesting seed corn, hauling manure, seeding winter wheat, preparing equipment for fall harvest, caring for livestock.

IOWA: Days suitable for field work 6.5. Harvest has begun in earnest across state. One reporter in central section remarked that fields of corn, beans are being harvested about as rapidly as I have ever seen. Across the state producers indicate corn won’t be standing long due to premature death, prevalence of stalk rot. Corn stalks brittle, breaking off easily. In fields despite scattered showers reported in the north, central part of the state. Rain is still needed statewide. Heavy localized rains from Hurricane Gordon at the end of the week caused problems in South State. Some vegetables, like squash, have drowned. The rain also caused problems in peanuts, cotton. Cotton, peanut harvest were getting underway while tobacco harvest neared completion. Armyworms continue to cause problems in hay, pasture fields with reports of damage expanding into North State. Planting of small grains occurred where possible. Apple harvest gained momentum but was still below normal.
north central, southeastern districts medium to severe corn lodging problems reported. High winds, hail damaged some crops. Producers in north central state noted some soybean fields experienced 50% shattering due to hail. Topsoil moisture 41% very short, 30% short, 28% adequate, 1% surplus. Subsoil moisture 41% very short, 34% short, 25% adequate. Corn dent 99% stage, 96% 1999, 91% avg.; 87% mature stage, 70% 1999, 51% avg.; 10% harvested, 3% 1999, 3% avg. Percent moisture of all field corn averaged 25%; harvested corn averaged 20%. Corn 5% very poor, 11% poor, 35% fair, 24% good, 14% excellent. Soybean leaves 97% turning color, 71% 1999, 74% avg.; 82% dropping leaves, 29% 1999, 32% avg.; 7% harvested, 1% 1999, 1% avg.; 4% very poor, 11% poor, 28% fair, 46% good, 11% excellent. Wheat 14% planted, 2% very short, 27% short, 26% adequate. Harvest of Concords should start 7 to 10 days. Partial harvest two-thirds complete. Fresh market tomato harvest wrapping up. Some problems were reported. Pepper harvest continued with fairly good quality. Late planted celery is still coming out of field looking quite good. Cabbage harvest continued with high quality. Carrot, onion harvests continued, markets steady. Later planted celery was harvested for silage. Crop remains 1 to 2 weeks behind normal. Limited harvest underway but proceeding slowly. Cabbage harvest continued with high quality. Carrot, onion harvests continued, markets steady. Late planted celery will be grown. Sweet corn harvested, limited supplies expected to continue for at least two more weeks. Snap bean harvest full swing Oceana, Mason counties. Potato harvest continued with good yield, quality. Pepper harvest continued with fairly light pollination as harvests have continued. Pastures continue to color. A few harvested. Pickle harvest continued. Summer squash harvest continued but disease problems have taken a toll. Processing tomato harvest two-thirds complete. Fresh market tomato harvest wrapping up with supplies still fairly heavy. Apple varieties being harvested last week included McIntosh, Jonagold, Jonathan, Golden Delicious, Gala, Cortland, Honeycrisp. Peach harvest nearly complete. Pear, plum harvest wrapped up. Fall raspberry harvest continued. Harvest of early grape varieties started last week. Harvest of Concorde should start July 10. Days suitable for fieldwork 5.3. Soil moisture 44% very short, 34% short, 17% adequate, 5% surplus. Cotton harvest continued. Hay 96% very good, 4% fair, 8% harvested, 6% seeded. Premium corn was harvested. Pasture feed 1% very poor, 7% poor, 23% fair, 53% good, 16% excellent. Hay condition 2% very poor, 8% poor, 22% fair, 53% good, 17% excellent.

Days suitable for fieldwork 4.0. Topsoil 2% very short, 27% short, 1% adequate. Subsoil moisture 57% very short, 37% short, 6% adequate. Harvest ahead of avg. Sunflower ray flowers 97% dry, 85% 1999, 74% bracts yellow, 61% 1999, 36% dry-down, 22% 1999, 22% harvest, 5% 1999, 3% very poor, 16% poor, 42% fair, 38% good, 1% excellent. Alfalfa 75% 4th Cutting, 72% 1999, 63% avg.

Days suitable for fieldwork 6.9. Topsoil 72% very short, 27% short, 1% adequate. Subsoil moisture 57% very short, 37% short, 6% adequate. Harvest ahead of avg. Sunflower ray flowers 97% dry, 85% 1999, 74% bracts yellow, 61% 1999, 36% dry-down, 22% 1999, 22% harvest, 5% 1999, 3% very poor, 16% poor, 42% fair, 38% good, 1% excellent. Alfalfa 75% 4th Cutting, 72% 1999, 63% avg.

Days suitable for fieldwork 2.0. Topsoil 2% very short, 27% short, 1% adequate. Subsoil moisture 57% very short, 37% short, 6% adequate. Harvest ahead of avg. Sunflower ray flowers 97% dry, 85% 1999, 74% bracts yellow, 61% 1999, 36% dry-down, 22% 1999, 22% harvest, 5% 1999, 3% very poor, 16% poor, 42% fair, 38% good, 1% excellent. Alfalfa 75% 4th Cutting, 72% 1999, 63% avg.

Days suitable for fieldwork 5.4. Soil moisture 44% very short, 34% short, 17% adequate, 5% surplus. Cotton harvest continued. Hay 96% very good, 4% fair, 8% harvested, 6% seeded. Premium corn was harvested. Pasture feed 1% very poor, 7% poor, 23% fair, 53% good, 16% excellent. Hay condition 2% very poor, 8% poor, 22% fair, 53% good, 17% excellent.

Days suitable for fieldwork 5.5. Soil moisture 35% very short, 44% short, 21% adequate. Cotton 8% very poor, 23% poor, 40% fair, 24% good, 5% excellent. Rice 5% poor, 22% fair, 52% good, 21% excellent. Soybeans 16% very poor, 22% poor, 32% fair, 24% good, 6% excellent. Watermelons 100% harvested, 96% 1999, 99% avg. Sweetpotatoes 38% harvested, 32% 1999, 29% avg. Cattle, 4% very poor, 12% poor, 42% fair, 36% good, 6% excellent. Pasture 29%, very poor, 33% poor, 24% fair, 13% good, 1% excellent. Light rain fell over most of the state, while the Central, South Central regions received significantly more than the others. Row crop harvest is progressing at a rapid pace.

Days suitable for fieldwork 6.3. Topsoil 41% very short, 39% short, 19% adequate. Subsoil moisture 46% very short, 35% short,
### NEW ENGLAND

**NEVADA:** Days suitable for field work 7.0. Topsoil 67% very short, 31% short, 2% adequate, 0% surplus. Subsoil moisture 70% very short, 27% short, 3% adequate, 0% surplus. Oats 98% harvested, 86% 1999, 90% avg. Corn 46% harvested for silage, 40% 1999, 42% avg. Dry beans 72% harvested, 67% 1999, 68% avg. Wheat 97% harvested, 82% 1999, 90% avg. Potatoes 2% harvested, 1% 1999, 3% avg. Sugar beets 5% harvested, 6% 1999, 3% avg. Alfalfa 97% hay 2nd cutting, 88% 1999, 92% avg. Other hay 99% 1st cutting, 99% 1999, 99% avg. Cattle, calves moved from 43% summer ranges, 23% 1999, 17% avg. Sheep, lambs moved from 40% summer ranges, 25% 1999, 19% avg. This week, conditions continued to be hot, dry statewide. Many areas are reporting that the ground is too dry for fieldwork, producers are waiting for moisture. In some areas, farmers are irrigating stubble to help build up the soil moisture, add moisture to help break down the stubble. The hay shortage continues to be a problem in several areas. Large amounts of hay are being hauled to the drier portions of the state. The continued pasture, range feed shortages are leading to lower weaning weights on calves, earlier shipping dates for a number of areas in the state. Short water supplies are still a concern. More producers in the South, Central portions of the state are reporting that hauling water to their livestock has become necessary.

**NEW ENGLAND:** Days suitable for fieldwork 6.0. Topsoil 72% short, 82% adequate, 6% surplus. Subsoil moisture 8% short, 91% adequate, 1% surplus. Pasture feed 6% poor, 38% fair, 43% good, 13% excellent. Maine potatoes 10% harvested, 15% 1999, 10% avg.; condition excellent to good. Rhode Island potatoes 55% harvested; 65% 1999, 50% avg.; condition good. Massachusetts potatoes 60% harvested, 60% 1999, 60% avg.; condition good to fair. Oats in Maine 55% harvested, 95% 1999, 75% avg.; condition excellent to good. Barley in Maine 50% harvested, 99% 1999, 80% avg.; condition excellent to good. Silage corn 5% harvested, 50% 1999, 25% avg.; condition good to fair. Sweet corn 85% harvested; 95% 1999, 90% avg.; condition good to fair. Broadleaf tobacco 100% harvested, 100% 1999, 99% avg.; condition very poor to poor. First crop hay 99% harvested, 100% 1999, 100% avg.; condition good to fair. Second crop hay 90% harvested, 95% 1999, 85% avg.; condition good to fair. Third crop hay 60% harvested, 65% 1999, 55% avg.; condition good to fair. Apples 30% harvested, 40% 1999, 30% avg.; fruit size avg, condition good to fair. Peaches 90% harvested, 95% 1999, 95% avg, fruit size avg, condition good. Pears 35% harvested, 35% 1999, 40% avg, fruit size avg, condition good to fair. Cranberries fruit size avg, condition good. Highbush blueberries 99% harvested, 99% 1999, 99% avg.; fruit size avg, condition good to excellent. Wild Blueberries in Maine 100% harvested, 100% 1999, 100% avg, fruit size avg, condition fair to good. Cool mornings, sunny afternoon continued throughout most the week. Major farm activities included: Harvesting apples, pears, peaches, fall raspberries, tomatoes, peppers, small grains, potatoes, cranberries, shellfish; making hay; moving pumpkins, squash to market; applying lime to harvested fields.

**NEW JERSEY:** Days suitable for field work 6.6. Topsoil 77% adequate, 23% surplus. Corn mature none. Corn condition was 100% good. Corn for grain was being harrowed to dry down, producers expect to begin harvest in the next few weeks. Expect harvest to be about 19% 1999. Some late harvested soybean fields began to yellow, drop leaves. Hay producers took advantage of clear skies, fair weather to finish their third cutting of alfalfa, which had been delayed by several weeks of wet weather. Fresh market tomatoes, peppers, snap beans were rated in fair to good condition with harvest about 80% to 85% complete in most areas. Producers have also begun to harvest fall spinach, cabbage, lettuce which were rated in mostly good condition. Cucumber harvest was complete except for a few late planted fields. Sweet potatoes were rated in good condition. Apple harvest was about 35% complete with the crop rated in mostly good condition.

**NEW MEXICO:** Days suitable for field work 7. Topsoil 52% very short, 31% short, 17% adequate. All of state experienced a warm, dry week. There were some record breaking temperatures. Temperatures were still hitting 100° at some of the lower elevation stations in the southeast early in the week. The statewide average was 6° above normal. No precipitation fell anywhere in the state this week. Farmers started a very early harvest for peanuts, continued alfalfa, chile, corn silage harvest last week. Total sorghum 75% very poor, 9% poor, 11% fair, 5% good, 60% coloring, 81% 1999, 58% 5-yr, 3% mature, 3% 1999, 2% 5-yr. Corn was in mostly fair to good condition, with corn silage 90% harvested. Peanuts were in fair to good condition. Alfalfa suffered some this week due to the overwhelmingly dry conditions, reported in mostly fair to good condition. Alfalfa 88% 5th cutting, 54% 6th cutting. Cotton was mostly fair to excellent condition with 65% bolls opening. The total chile crop improved slightly from the previous week, in mostly fair to excellent condition, with green chile about 77% of the way harvested, 9% red of the way harvested. Ranchers continued supplemental feeding, watering, as well as heaving culling in preparation for winter. Cattle, sheep conditions again declined slightly from last week. Pasture, range feed 20% very poor, 41% poor, 30% fair, 9% good.

**NEW YORK:** Days suitable for fieldwork 4.1. Soil moisture 73% adequate, 27% surplus. Pasture feed 17% fair, 46% good, 37% excellent. Hay 17% fair, 66% good, 17% excellent. Alfalfa 62% 3rd cutting finished, 86% 1999, 75% avg. Corn 17% poor, 54% fair, 19% good, 10% excellent. Silage corn 10% harvested, 56% 1999, 27% avg. Oat 84% harvest, 100% 1999, 98% avg. Potato 50% harvest. Apple harvest continues. Harvest of bulk wine varieties started, will accelerate next week in the Finger Lakes area. Niagara harvest will begin next week and some premium vinifera varieties will be harvested by the end of next week. In Niagara County, apples, peaches, pears, grapes were all rated in good condition. In the Lake Erie grape belt, concord harvest will begin soon. Grapes are rated in good condition. Erie County tomato 80% harvest, 90% sweet corn harvest. Cool temperatures, frequent rainfall have kept pastures green, growing well, long past the time they have turned brown in many years past. Cows on pastures have it good for now.

**NORTH CAROLINA:** The last full week of summer began warm and sunny but by the weekend unseasonably cool weather issued in autumn. Back-to-back fronts moved through, bringing scattered precipitation and cold air from Canada. Farmers enjoyed favorable weather for field work as days suitable jumped to 6.0 compared to 4.1 the previous week. Soil moisture levels remain in good shape even though they slipped to their current rating of 3% very short, 15% short, 72% adequate, and 10% surplus. Major gains were made in corn harvest and both burley and flue-cured tobacco harvest. Cotton farmers were busy spraying defoliant as harvest is just now beginning. Other activities included chopping silage, sweetpotato and sorghum harvest, tending livestock, harvesting.
vegetables, and cutting hay. Additionally, major progress was made in the apple harvest.

**NORTH DAKOTA:** Days suitable for fieldwork were 7. Topsoil 15% very short, 25% short, 56% adequate, 4% surplus. Subsoil moisture 13% very short, 21% short, 62% adequate, 4% surplus. Dry weather allowed producers to complete small grain harvest in most of the state, pushed row crop to maturity. Durum wheat 82% combined, 42% 1999, 74% avg. Canola 95% combined, 62% 1999. Dry bean development 94% mature, 77% 1999, 93% avg; 51% cut, 33% 1999, 59% avg.; 35% combined, 15% 1999, 43% avg. Flaxseed 72% combined, 38% 1999, 56% avg. Potatoes 85% vines killed, 66% 1999, 79% avg.; 35% dug, 17% 1999, 25% avg. Sunflowers 83% bracts brown, 53% 1999, 60% avg.; 43% 4th cutting, 18% 1999, 39% avg. Dry bean 10% very poor, 12% poor, 18% fair, 45% good, 15% excellent. Potatoes 4% very poor, 6% poor, 18% fair, 48% good, 24% excellent. Sunflowers 1% very poor, 5% poor, 26% fair, 56% good, 12% excellent. Pasture, range feeds 11% very poor, 17% poor, 33% fair, 35% good, 4% excellent. Stockwater 7% very short, 14% short, 75% adequate, 4% surplus.

**OHIO:** Days suitable for fieldwork 4.0 days. Topsoil 1% very short, 8% short, 80% adequate, 11% surplus. Fall, winter apples 27% harvested, 30% 1999. Alfalfa hay 89% 3rd cutting, 98% 1999, 87% avg.; 42% 4th cutting, 54% 1999, 56% avg. Alfalfa 80% 3rd cutting, 84% 1999, 77% avg.; 57% 4th cutting, 41% 1999, 35% avg. Flax 12% very poor, 8% poor, 27% fair, 43% good, 15% excellent. Soybeans 57% 2nd cutting, 69% 1999, 73% avg.; 16% 3rd cutting, 11% 1999, 12% avg. Soybeans 3% very poor, 4% poor, 25% fair, 56% good, 14% excellent. Soybeans 4% very poor, 10% poor, 28% fair, 44% good, 14% excellent. Activities for the week included: Making hay, baling straw; harvesting corn, soybeans; mowing wheat stubble; harvesting fruit, vegetables; preparing fields for fall planting; repairing equipment, buildings; chopping wheat stubble; building fences; spreading lime, fertilizers; repairing buildings; hauling, spreading manure; constructing grain storage facilities; scouting pests; harvesting corn silage; hauling grain; cutting firewood; preparing for county fairs; mowing weeds in pastures, waterways. Reported weed pressures included: Wild cucumber, giant ragweed, giant foxtail, lambsquarters, johnsongrass, Canada thistle, velvetleaf, burdock. Reported soybean diseases were white mold, septoria brown spot, bacterial blight, bacterial pustule, diplodia stalk rot. Other diseases reported were powdery mildew on pumpkins, blossom end rot on tomatoes, scab on apples, black rot on grapes, fungus on berries. Producers across the state are preparing for the fall harvest. Early reports in the West Central district indicate that corn yields are excellent. A reporter in the Northeast Hills district mentioned that corn silage yields are very good. Pasture, hay conditions remain good to excellent. Seventy-three percent of hay was reported in good to excellent condition, compared to 24% 1999 at this time. Pasture feed 70% good to excellent, compared to 12% in 1999. Livestock are reported in good 1 condition throughout the state. In the Central Hills district, calves are being weaned, feeder calf sales are beginning.

**OREGON:** Days suitable for fieldwork 7. Topsoil 3% very short, 47% short, 50% adequate. Subsoil 2% very short, 57% short, 41% adequate. Barley 93% harvested, 77% 1999, 87% avg. Spring wheat 98% harvested, 98% 1999. Winter Wheat 4% planted, 4% avg. Range, pasture 4% very poor, 31% poor, 36% fair, 26% good, 3% excellent. Activities: East of cascades farmers still needing rain to plant fall seeded crops. Hay harvest underway. Some farmers growing planting ready. In Willamette Valley, field planting is underway for seedling potatoes, grains, grass seeds in full swing. Some early seeding underway. Hop, red clover seed harvests winding down. Fall tillage seed planting nearing end. In southern valleys, ground preparation for fall planting underway, hayding winding down. Nurseries, greenhouses still irrigating, getting ready for fall. Some movement of large containers, balled, burlapped plants. Easterly growers busy with harvest, sorting, planning routines. In eastern state, potato harvest in all stages last week; Baker County potato harvest had not yet begun. Shepody harvest well underway in Malheur County, late potato harvest started in Umatilla County. Fall onion harvest had also begun in area. In western state, most vegetables for fresh market still available, truck gardens very busy with harvest. There lots of u-picks, roadside stands. Sweet corn past peak of harvest but still plentiful as melons, squash, tomatoes, other summer vegetables. Snap beans finished for this year. Pumpkins coloring well. Winter pear harvest continued in Hood River Valley. Apple picking continued at Milton-Freewater. In southern state, pear, apple harvest also continued, grapes started to ripen. In Willamette Valley, Evergreen blackberry picking winding down. Pruning, training of other caneberrries nearing completion. Apple, peach, pear picking continued, prune harvest got started. Hazelnut drop continued. In Coos, Curry Counties, cranberry handlers expecting to receive berries beginning about October 2. Range, pasture feeds mostly poor to fair east of Cascades, in southern state. In Willamette Valley, rain has started pasture regrowth, but supplemental feeding still needed. Livestock condition remains mostly good to excellent. Cattle movement to better feed continued in southeastern counties. In Jackson County, spring calves being weaned while fall calf crop looks good.

**PENNSYLVANIA:** Days suitable for field work 4.8. Soil moisture 1% very short, 11% short, 83% adequate, 5% surplus. Fall 25% plowing, 32% 1999, 35% avg. Corn 95% dough, 91% 1999, 93% avg.; 75% dent, 68% 1999, 68% avg.; 20% mature, 28% 1999, 26% avg.; 27% silage, 57% 1999, 36% avg.; 1% very poor, 4% poor, 14% fair, 43% good, 38% excellent. Barley 9% planted, 27% 1999, 29% avg. Winter wheat 8% planted, 7% 1999, 13% avg. Soybean crop 1% very poor, 2% poor, 10% fair, 49% good, 38% excellent. Potatoes 54% harvested, 38% 1999, 40% avg. Tobacco 95% harvested, 67% 1999, 85% avg. Apples 43 harvested, 35% 1999, 35% avg. Apple 6% very poor, 5% poor, 6% fair, 69% good, 14% excellent. Grapes 10% harvested, 12% 1999, 25% avg. Alfalfa 80% 3rd cutting, 84% 1999, 77% avg.; 5% 4th cutting, 41% 1999, 38% avg. Timothy clover 80%2nd cutting, 89% 1999, 89% avg. Quality of hay made 3% very poor, 8% poor, 33% fair, 42% good, 14% excellent. Activities include: Harvesting apples, grapes, vegetables, potatoes, tobacco; fixing fences; machinery maintenance; filling silos; spreading lime, fertilizers; repairing buildings; hauling, spreading manure; caring for livestock; baling straw; making hay, haylage; marketing vegetables; spraying crops; fall plowing; seeding fall crops.

**SOUTH CAROLINA:** Days suitable for field work 6.1. Soil moisture 3% very short, 22% short, 71% adequate, 4% surplus. Apples 42% harvested, 54% 1999, 53% avg.; 71% fair, 29% good. Barley 2% planted, 2% 1999, 1% avg. Corn 92% harvested, 93% 1999, 83% avg. Cotton 99% bolls set, 99% 1999, 100% avg.; 51% bolls opened, 54% 1999, 59% avg.; 1% very poor, 10% poor, 42% fair, 43% good, 4% excellent. Hay 100% harvested, 99% 1999, 96% avg. Livestock 1% poor, 27% fair, 60% good, 12% excellent. Oats 3% planted, 1% 1999. NA avg. Peanuts 100% pegged, 100% 1999, 92% avg.; 15% harvested, 7% 1999, 14% avg.; 3% poor, 44% fair, 47% good, 6% excellent. Pecans 1% harvested, NA 1999, 2% avg.; 19% poor, 61% fair, 20% good. Rye 4% planted, 2% 1999, 1% avg. Sorghum 100% headed, 100% 1999, 100% avg.; 94% 12% 1999, 12% red; 27% 1999, 47% 1999, 47% avg.; 41% very poor, 43% 1999, 43% avg.; 5% very poor, 8% poor, 46% fair,
TENNESSEE: Days suitable for field work 6.8. Topsoil 32% very short, 45% short, 23% adequate. Subsoil moisture 27% very short, 39% short, 33% adequate, 1% surplus. Feed supplies 4% very short, 18% short, 72% adequate, 6% surplus. Stock water supplies 17% very short, 27% short, 52% adequate, 4% surplus. Winter Rye 33% planted, 35% 1999, 46% avg.; 5% emerged, 16% 1999, 19% avg. Corn silage 79% harvested, 52% 1999, 34% avg. Soybeans 34% mature, 10% 1999, 22% avg. Sorghum 5% harvested-grain, 2% 1999, 2% avg.; 48% silage harvested, 24% 1999, 20% avg. Sunflower 3% very poor, 9% poor, 27% fair, 52% good, 9% excellent, 95% dry, 88% 1999, 94% avg.; 75% bracts yellow, 71% 1999, 74% avg.; 24% mature, 14% 1999, 22%, 2% harvested, 0% 1999, 2% avg. Alfalfa hay 11% very poor, 26% poor, 31% fair, 26% good, 6% excellent, 69% 3rd cutting harvested, 65% 1999, 91% avg. Range, Pasture 11% very poor, 21% poor, 36% fair, 26% good, 6% excellent. Cattle 4% poor, 20% fair, 60% good, 16% excellent. Sheep 2% poor, 15% fair, 63% good, 20% excellent. A second week of hot, dry, windy weather pushed crop development but had ranchers busy caring for cattle. Harvest of corn, soybeans, sorghum has started ahead of their respective 5-yr avg. Emergence of winter wheat, rye is behind the 5-yr avg.

SOUTH DAKOTA: Days suitable for field work 6.8. Topsoil 23% very short, 45% short, 32% adequate. Subsoil moisture 31% very short, 43% short, 26% adequate. Pastures 18% very poor, 30% poor, 34% fair, 16% good, 2% excellent. Burley 83% harvested, 86% 1999, 74% avg. Dark air-cured 91% harvested, 95% 1999, 82% avg. Dark fire-cured 83% harvested, 86% 1999, 77% avg. Corn silage 94% harvested, 95% 1999, 87% avg. Hay stocks 2% very short, 15% short, 67% adequate, 16% surplus. Farmers throughout the State took advantage of dry conditions last week, made good progress harvesting their crops. Rainfall amounts averaged well below normal statewide, but areas of Middle, West State did receive much needed rain from scattered thunderstorms on Monday and Tuesday. Unfortunately, most areas remained dry. Corn producers once again made excellent progress with grain harvest, while the State’s dairy farmers have nearly completed harvesting corn silage. Cotton, soybean producers continued to harvest on a limited scale, but the pace should pick up this coming week if weather conditions remain favorable. Tobacco harvest moved a step closer to completion last week. Livestock producers were busy harvesting hay last week, while a few were forced to haul water to their herds due to the dry conditions.

TEXAS: Widely scattered rain showers crossed portions of state during the week with the greatest consecrations being in Southern, Eastern areas. A tropical airmass helped trigger these showers however only minor accumulations occurred with very little runoff. The high daytime temperatures subsided to more normal levels, but in general, the drought conditions continued in all areas of the State. Land preparation for fall planting remained slow in most areas with only minor advancements in dryland planting. In some areas, with short harvested feed supplies adding to problems. In those areas most eatable grasses were gone. Concern continued from home owners in some locations in their attempt to save ornamental trees and in some cases the trees have been lost. Insect populations especially grasshoppers continued to cause further economic damage and in a few locations army worms continued to move into newly emerged wheat fields. Field Crops: Small Grains: Dry planting of wheat continued in some locations. Generally small grain planting remained on hold as the dry conditions continued. Where earlier showers fell, seeding was possible some emerged fields are now suffering and death could occur if additional moisture is not received soon. Army worms continued to add stress to emerged seedlings in some areas. Wheat 3% emerged, 8% 1999, 9% avg. Oats 3% planted, 13% 1999, 11% avg. Corn: Harvest on the Plains continued under more normal temperatures. Maturity continued to be hastened as a result of the dry conditions, yields remained varied. Corn 81% normal compared with 89% 1999. Cotton: Prospects for adequate yields continued to decline in dryland cotton across the Plaines. Generally growth in dryland cotton has shut down which makes it more difficult for applied harvest aids to defoliate the crop. Some growers will wait for a frost before harvest can begin. Boll weevil activity continued in some locations. Cotton 44% of normal compared with 60% 1999.

UTAH: Days suitable for field work 7. Topsoil 14% very short, 43% short, 34% adequate. Subsoil moisture 26% very short, 39% short, 35% adequate. Winter wheat 32% planted, 22% 1999, 33% avg. Oats 89% harvested, 93% 1999, 93% avg. Lentil 98% of normal compared with 3% 1999, 4% avg. Alfalfa hay 84% 3rd cutting, 83% 1999, 72% avg.; 29% 4th cutting, 16% 1999, 12% avg. Alfalfa seed 33% harvested, 26% 1999, 28% avg. Onions 40% harvested, 33% 1999, 34% avg. Potatoes 13% harvested, 13% 1999, 12% 5-yr avg. Dry 69% beans, 57% 1999, 35% avg. Cattle moved from 58% summer range, 23% 1999, 19% avg. Sheep/ lambs moved from 36% summer range, 17% 1999, 14% avg. Apples 36% picked, 18% 1999, 19% avg. Peaches 86% picked, 78% 1999, 82% avg. Pears 75% picked, 76% 1999, 74% avg. Range, pasture 19% very poor, 43% poor, 30% fair, 8% good. Irrigation water supplies 43% very short, 28% short, 29% adequate. Stock water supplies 17% very short, 39% short, 24% adequate. Major farm, ranch activities included: Harvesting apples, peaches, pears, onions, potatoes, planting winter wheat. Fall harvest is finishing up, the warmer than usual weather is making putting up hay, corn silage much better. Sheep, cattle continue to be moved off summer ranges. Dry range feeds are posing problems for ranchers in some areas, with short harvested feed supplies adding to problems.

VIRGINIA: Days suitable for fieldwork 6.1. Topsoil 1% very short, 13% short, 77% adequate, 9% surplus. Subsoil moisture 2% very short, 18% short, 72% adequate, 8% surplus. Pastures 2% poor, 12% fair, 64% good, 22% excellent. Livestock 1% poor, 6% fair, 75% good, 18% excellent. Other Hay 1% poor, 11% fair, 64% good, 24% excellent. Alfalfa Hay 1% poor, 8% fair, 56% good, 35% excellent. Corn for Grain 4% fair, 41% good, 55% excellent. Corn 97% dough, 98% 1999, 98% 5-yr avg.
87% dent, 98% 1999, 86% 5-yr avg.; 67% mature, 67% 1999, 67% 5-yr avg. Corn for Grain 26% harvested, 19% 1999, 26% 5-yr avg. Corn silage 47% harvested, 63% 1999, 58% 5-yr avg. Soybeans 1% very poor, 6% poor, 14% fair, 47% good, 32% excellent. Soybeans 97% blooming, 99% 1999, 99% 5-yr avg.; 91% setting pods, 92% 1999, 91% 5-yr avg.; 8% dropping leaves, 10% 1999, 8% 5-yr avg. Winter Wheat 1% seeded, 1% 1999, 2% 5-yr avg. Barley 2% seeded, 2% 1999, 1% 5-yr avg. Flue-cured tobacco 69% harvested, 64% 1999, 64% 5-yr avg. Burley tobacco 68% harvested, 78% 1999, 65% 5-yr avg. Dark Fire-cured tobacco 87% harvested, 85% 1999, 85% 5-yr avg. Sun tobacco 80% harvested, 89% 1999, 86% 5-yr avg. Peanuts 27% fair, 63% good, 10% excellent. Peanuts 7% dug, NA 1999, 6% 5-yr avg.; 4% combined, NA 1999, 1% 5-yr avg. Cotton 1% poor, 10% fair, 70% good, 19% excellent; 27% bolls opening, 47% 1999, 66% 5-yr avg. Apples 29% fair, 46% good, 25% excellent. Fall apples 22% harvested, 29% 1999, 22% 5-yr avg. Peaches 99% harvested, 99% 1999, 99% 5-yr avg. Drier, warmer weather last week aided in crop maturity. Days suitable for fieldwork was 6.1 which was the highest it has been since mid May. Corn harvest continues with excellent yields being reported. Fall apple harvest continues, however disease pressure in both fall, winter apples is a concern. The drier weather has allowed hay harvest to resume. Some defoliation of cotton began last week. Other activities for the week included: Preparing land for small grain seeding, repairing equipment, harvesting fall vegetables, scouting of late soybeans.

WASHINGTON: Days suitable for fieldwork 6.73. Topsoil 12% very short, 28% short, 58% adequate, 2% surplus. Subsoil moisture 6% very short, 44% short, 50% adequate. Winter wheat 38% planted, 55% 1999, 54% avg.; 17% emerged, 20% 1999, 28% avg. Last weeks precipitation provided ideal seeding conditions for winter wheat producers. Producers are still concerned that recent rains have crusted the ground inhibiting emergence, causing operators to reseed. Spring wheat 100% harvested, 97% 1999, 99% avg. Spring cereal grain harvest is finished. Potatoes 4% fair, 93% good, 3% excellent. 14% harvested, 38% 1999, 34% avg. Alfalfa hay 97% 3rd cutting, 100% 1999, 96% avg. Hay, roughage 72% adequate, 28% surplus. Range, Pasture 36% poor, 51% fair, 13% good. Apple harvest continued for many different varieties. The sweet corn crop was reported somewhat behind schedule, but warm temperatures are helping to increase ear size. Onion, potato, carrot, dry bean harvest continued in the eastern part of the state. The second cutting of timothy hay was nearly completed. Hop harvest was underway in eastern state.

WEST VIRGINIA: Days suitable for fieldwork 5.1. Topsoil 3% short, 91% adequate, 6% surplus. Harvest progress for hay, soybeans, tobacco are ahead of 1999. Hay 16% fair, 64% good, 20% excellent.; 87% 2nd cut, 84% 1999, 51% 5-yr avg.; 57% 3rd cut, 50% 1999, 56% 5-yr avg. Corn 6% fair, 61% good, 33% excellent.; 90% doughing, 95% 1999, 96% 5-yr avg.; 77% denting, 67% 1999, 58% 5-yr avg.; 30% Mature, 58% 1999, 46% 5-yr avg. Soybean 14% fair, 45% good, 41% excellent.; 97% setting pods, 97% 1999, 99% 5-yr avg.; 56% dropping leaves, 41% 1999, 62% 5-yr avg.; 23% harvested for grain. Tobacco 100% topped, 99% 1999, 100% 5-yr avg.; 86% harvested, 40% 1999, 70% 5-yr avg. Wheat 9% planted. Apple 9% poor, 9% fair, 54% good, 28% excellent.; 11% harvested, 19% 1999. Cattle 10% fair, 71% good, 19% excellent. Sheep 13% fair, 76% good, 17% excellent.

WISCONSIN: Days suitable for fieldwork 4.3. Soil moisture 0% very short, 5% short, 70% adequate, 25% surplus. Corn silage harvest, third, fourth hay cuttings were slow around the state due to rain early last week, with several locations receiving additional rainfall later in the week. Southwestern state received strong winds along with Monday’s rain causing some corn fields to be flattened. Third crop hay is almost complete. Fourth crop hay 21% 2000, 28% 1999. Vegetable harvest was reported almost complete in several locations around the state. Pasture feed 4% very poor, 12% poor, 28% fair, 47% good, 9% excellent.

WYOMING: Days suitable for fieldwork 7.0. Topsoil 68% very short, 31% short, 1% adequate. Oats 92% harvested, 84% 1999, 88% avg. Winter wheat 78% planted for 2001, 78% 1999, 79% avg.; 33% emerged, 56% 1999, 46% avg. Corn 88% dent, 78% 1999, 83% avg.; 33% mature, 46% 1999, 46% avg.; 66% silage harvested, 49% 1999, 47% avg.; 1% very poor, 4% poor, 3% fair, 88% good, 4% excellent. Dry beans 85% windrowed, 81% 1999, 87% avg.; 61% combined, 41% 1999, 54% avg.; 4% fair, 91% good, 5% excellent. Sugarbeets 6% harvested, 5% 1999, 2% avg. Sugarbeets 1% poor, 7% fair, 87% good, 5% excellent. Alfalfa 48% 3rd cutting, 28% 1999, 32% avg. Range, pasture feed 40% very poor,
40% poor, 17% fair, 3% good. Cattle moved from 43% summer ranges, 25% 1999, 20% avg. Sheep moved from 41% summer ranges, 24% 1999, 21% avg. Livestock in fair to good condition. Irrigation water supplies 36% very short, 37% short, 27% adequate. Above average temperatures, below normal precipitation again.