ALABAMA: Days suitable for fieldwork 6.8. Topsoil 62% very short, 27% short, 11% adequate. Soybeans 97% dropping leaves, 94% 1999, d 89% 5 yr avg; 52% harvested, 50% 1999, 40% 5 yr avg; 39% very poor, 33% poor, 19% fair, 9% good. Pasture feed 41% very poor, 27% poor, 28% fair, 4% good. Livestock feed 10% very poor, 24% poor, 45% fair, 18% good, 2% excellent. Dry weather continues. Pasture, livestock conditions slipping. Winter grazing that has been planted is very slow, dormant in some areas. Low peanut and cotton yields being reported.

ARIZONA: Area recorded average temperatures with moderate precipitation throughout the state during the week of October 22. Heavy rains in some areas have adversely affected the quality of cotton, causing boll rot, discoloration. Range, pasture feed will improve from the rains in some areas. Bees were moved to winter locations. Previous precipitation initiated some germination of rangeland grasses, but more was needed to sustain forage growth.

ARKANSAS: Days suitable for fieldwork: 7.0. Soil moisture 30% very short, 45% short, 22% adequate. Temperature were above normal with below normal rainfall. Rice 98% harvest, 97% 1999, 97% 5 yr avg. Sorghum 98% harvest, 100% 1999, 98% 5 yr avg. Cotton 100% opening bolls, 100% 1999, 99% 5yr avg.; 84% harvest, 84% 1999, 70% 5 yr avg.; Soybean 95% shedding, 83% 1999, 82% 5 yr avg.; 84% mature; 58% harvest, 54% 1999, 48% 5 yr avg.; 21% very good, 26% poor, 28% fair, 21% good, 4% excellent. Alfalfa Hay 14% very poor, 30% poor, 48% fair, 8% good; Other Hay 21% very poor, 47% poor, 28% fair, 4% good. Pasture, Range feed 27% very poor, 43% poor, 24% fair, 6% good. CROPS: Wheat planting, ground preparation continued. Soybean, cotton harvest continued with the rice, sorghum harvest near completion. Moisture is needed statewide for fall seeded crops. There was some flooding of fields for ducks. Some areas were knocking down levees, rolling stubble. LIVESTOCK: Livestock were in fair condition. Farmers continued weaning calves. Pastures were being over seeded, fertilized, but lack of precipitation have stopped or greatly reduced regrowth in most areas. Possible prussic acid poisoning in grasses was a concern when early frost followed a drought. Selling-off of some cows, light calves continued due to lack of forage, supplemental feeding of hay was reported in many counties. Cattle were still being treated for flies, external parasites. Many reports are received on Friday, may not reflect conditional changes due to weekend weather.

CALIFORNIA: Cotton picking was slowed by last week’s rains. Some delays caused by early morning fog were also reported. Early reports suggested yields were above avg. Many fields had received at least one defoliant treatment, a second application was being applied in most fields. Growers were shedding, discing fields following cotton harvest to comply with Pink Bollworm regulations. Rice harvest was winding down. Harvesting of blackeye beans, sugarbeet, silage corn continued. Alfalfa was chopped, or was cut, baled; some fields were on the eighth cutting. Fields of vineseed, Easter Lily bulbs were being harvested. Zinnia fields, grown for seed production, were still in bloom. Ground was being prepared for fall planting of small grains. Winter wheat, other grain planting continued. Some earlier seeded fall grain fields had emerged. Alfalfa planting was also underway. Damage to crops on 4,000 acres in Fresno County, by rain, hall on October 10th, was reported to be nearly 4 million dollars. Primarily vegetable, fruit crops were affected, with some alfalfa hay fields also damaged. Vineyards, fruit orchards were undergoing weed control, fungicide applications, irrigation. Picking of grapes for fresh consumption continued in the San Joaquin Valley. Thompson Seedless, Red Globe, Ruby Seedless were the primary varieties picked. Wine grape harvest continued. Picking of grapes for raisins neared completion; 1% remained on open trays. 4% were rolled, 95% picked up. Pomegranate, fig harvests continued. Kiwifruit, olive harvest was active. Fuji, Granny Smith apple picking continued. Picking of grapefruit was active in the San Joaquin Valley. The harvest of new crop navel oranges began in Kern County. The harvest of Valencia oranges was slow in southern state, the San Joaquin Valley. Lemon picking was active in southern state. Raspberries were harvested in the Tehachapi area. Strawberry picking continued, harvested fields were being prepared for planting of next year’s crop. Almond harvest continued throughout the state, with harvest in the northern counties nearing completion. Pruning in almond orchards began in some areas of the San Joaquin Valley. Walnut, pistachio harvests continued. Lettuce fields were drying. The fall head lettuce harvest continued to gain momentum; good quality was noted. Head lettuce production was dwindling in Monterey County; labor crews were moving to fields in Huron. Broccoli was thriving, with heads forming in some earlier plantings. Harvesting of broccoli, cabbage harvest continued. Garlic, onion fields were planted for the 2001 crop. Winter vegetables were also being planted. Carrots were planted, weeded, irrigated. Tomato harvesting continued in Tulare County. The cantaloupe harvest was expected to conclude next week in Fresno County. Bell pepper harvest was winding down. Pumpkin harvest was complete in Merced County. Fall asparagus was being harvested in Southern state. String beans were being harvested in the northern part of Kings County. Harvest of brussels sprouts began in the Salinas Valley. The following vegetables were also harvested: basil; bok choy; radishes; cilantro; cucumbers; eggplant; green, yellow, long beans; mustard greens; green onions; okra; parsley; bell, chili peppers; kabocha, scalloped, yellow crookneck, zucchini squash; snap peas; spinach. “Sheep in the meadow, cows in the corn” was the quote from one of our reporters. Cows on lower elevation rangeland were being fed supplemental feed, as non-irrigated pasture feeds were fair or below. Beef cows were calving. Sheep were grazing alfalfa, sudan pastures, on stubble fields. Fall lambing was also underway. Bees were moved to winter locations. Previous precipitation initiated some germination of rangeland grasses, but more was needed soon to sustain forage growth.

COLORADO: Days suitable for fieldwork 6.5. Topsoil 22% very short, 40% short, 38% adequate, 0% surplus. Subsoil moisture 31% very short, 54% short, 15% adequate, 0% surplus. Warm, dry weather prevailed throughout the week but vanished quickly on the weekend with statewide moisture, cold temperatures. Harvest of most late season crops is nearing completion. Dry onions 96% harvested, 98% 1999, 99% avg. Sugar beets 46% harvested, 43% 1999, 56% avg.; 4% very poor, 8% poor, 11% fair, 65% good, 12% excellent. Summer potatoes 99% harvested, 100% 1999, 99% avg. Fall potatoes 100% harvested, 98% 1999, 98% avg. Dry beans 99% harvested, 98% 1999, 96% avg. Winter wheat 98% seeded, 100% 1999, 98% avg.; 83% emerged, 91% 1999, 89% avg. Alfalfa 100% 3rd cutting, 99% 1999, 97% avg, 80% 4th cutting, 73% 1999, 58% avg.

DELWARE: Days suitable for fieldwork 6.5. Topsoil 25% short, 75% adequate. Subsoil moisture 5% short, 90% adequate, 5% surplus. 70%
harvested for grain, 89% 1999, 78% avg. Soybeans 74% shedding leaves, 88% 1999, 82% avg.,21% harvested, 16% 1999, 20% avg. Sorghum 25% harvested, 49% 1999, 35% avg. Barley 10% fair, 90% good. Winter Wheat 7% fair, 93% good. Rye 8% fair, 85% good. 7% excellent. Pasteur feed 8% poor, 10% fair, 80% good, 2% excellent. Hay supplies 8% short, 92% adequate. Percent of cutting hay crop harvest; clover, other hayss 7% 4th cutting cut, 87% 1999, 70% avg. Alfalfa 35% 5th cutting cut, 29% 1999, 26% avg. Apples 94% harvested, 68% 1999, 94% avg. incidence: A little rain early Wed. did little to slow down corn and soybean harvest, but helped small grain seedings. Delays at elevators are still the main factor in keeping harvest progress lower than it might otherwise be.

**FLORIDA:** Mostly dry, cool conditions persisted. Rainbow at major stations ranged from 0.00 to about 1.00 in. Most stations reported from no measurable rain to traces. Temperatures averaged from normal to 4° below. Daytime highs mostly in 80s. Most nighttime lows ranged from 40s at Tallahassee to 70s at Miami. Moisture in south Peninsula adequate. Moisture in other parts short to adequate with scattered areas of very short moisture. Cotton harvest active. Soybean, sugarcane harvests underway. Having active weatheroverying. Drier weather delayed planting of winter forages some areas. Ninety percent peanuts for nuts harvested. Dry weather increased need for irrigating vegetables. Tomato picking started Palmetto-Ruskin region, getting underway East Coast area. Cutting of eggplant began, East Coast region. Other vegetables available: Cucumbers, pickles, peppers, squash, watermelons. Dry, cool most of week, rain needed. Irrigation continues all areas, good on-tree color break for most early types of fruit, some fruit splitting continues due to wet conditions, last of September and first of October. About half of fresh fruit packing houses shipping fruit on limited basis. Only a few juvenile plants open, receiving packing house eliminations. Caretakers cutting cover crops, removing dead trees, burning grove trash, spraying. Pasteur feed 5% poor, 45% fair, 50% good. Cattle 30% fair, 70% good. Statewide, pasture mostly in fair condition. Condition reduced slightly by drought, seasonally cooler weather. Panhandle north: Too dry to plant winter forage. Central condition of range shows result of lack of rain, stock ponds drying up. Statewide, cattle, calves condition mostly good.

**GEORGIA:** Days suitable for field work 6.7. Soil moisture 21% very short, 46% short, 33% adequate. Cotton 11% very poor, 22% poor, 41% fair, 22% good, 4% excellent; 95% bolls open, 94% 1999, 92% avg. Hay harvested for grain, 94% 1999, 97% avg. Potatoes 92% harvested, 94% 1999, 92% avg. Apples 62% harvested, 44% 1999, 64% avg. Corn 98% harvested for silage, 97% 1999, 97% avg.; 37% harvested for grain, 17% 1999, 21% avg. Sugarbeets 46% harvested, 58% 1999, 47% avg. Winter wheat 94% planted, 88% 1999, 87% avg.; 63% emerged, 40% 1999, 53% avg. Apples 88% harvested, 78% 1999, 80% avg. Fertilizer 15% application, 10% 1999, 11% avg. Fall 21% tillage, 19% 1999, 14% avg. On-farm grain storage availability: 34% short, 64% adequate, 2% surplus. Off-farm grain storage availability 35% short, 64% adequate, 1% surplus. Grain movement 23% none, 37% light, 30% moderate, 10% heavy. Grain storage availability rated better than a year ago, but elevators are storing some grain on the ground. Many livestock producers are supplementing pastures with hay, moving cow/calfes onto lower stubble. Use of stubble fields for grazing: 38% none, 30% limited, 25% moderate, 7% extensive. Range, pasture feed 17% very poor, 26% poor, 35% fair, 18% good, 4% excellent.

**INDIA:** Days suitable for fieldwork 5.7. Topsoil 4% very short, 20% short, 64% adequate, 12% surplus. Fog, rain showers early in the week slowed harvest progress but drier conditions prevailed, allowed farmers to continue harvest. Topsoil moisture content is varied across the state from essentially dry in the north to wet in the south. Field conditions in areas of the south have softened to the point where wet holes in the field are being left as harvest progresses in the more solid areas of the field. Lodged corn, beans also continue to slow harvest progress in the northern areas of the state. Soybean harvest progressed with double crop beans in the south accounting for a number of the acres yet to be harvested. Other activities last week included: Spraying fertilizer, chisel plowing, the ever popular LDP processing.

**KANSAS:** Days suitable for fieldwork 5.7. Topsoil 3% very short, 32% short, 63% adequate, 2% surplus. Harvest activities across the state are coming to an end for onions, potatoes, corn for silage. Sugarbeets, corn for grain are gaining momentum throughout the state. Onions 97% harvested, 94% 1999, 97% avg. Potatoes 92% harvested, 94% 1999, 92% avg. Apples 62% harvested, 44% 1999, 64% avg. Corn 98% harvested for silage, 97% 1999, 97% avg.; 37% harvested for grain, 17% 1999, 21% avg. Sugarbeets 46% harvested, 58% 1999, 47% avg. Winter wheat 94% planted, 88% 1999, 87% avg.; 63% emerged, 40% 1999, 53% avg. Activities: Fall field work, planting winter wheat, chopping corn silage, harvesting potatoes, sugarbeets, corn for grain, apples, onions.
LOUISIANA: Days suitable for fieldwork 7.0. Soil moisture 29% very short, 41% short, 30% adequate. Hay 99% final cutting, 98% 1999, 95% avg. Pecans 22% harvested, 24% 1999, 16% avg. Soybeans 100% dropping leaves, 100% 1999, 99% avg. Soybean harvest edged closer to completion. Sugarcane 3% very poor, 13% poor, 37% fair, 38% good, 9% excellent; 27% harvested, 24% 1999, 17% avg. Sugarcane harvest was going well under good harvesting conditions. Sweet Potatoes 79% harvested, 77% 1999, 78% avg. Weevils were causing problems for sweet potato growers. Wheat 30% planted, 30% 1999, 25% avg.; 14% emerged, 7% 1999, 8% avg. Livestock 6% very poor, 24% poor, 37% fair, 29% good, 4% excellent. Cattlemen were in need of rain in order to finish planting rye grass. Vegetables 15% very poor, 28% poor, 42% fair, 14% good, 1% excellent.

MARYLAND: Days suitable for fieldwork 6.1. Topsoil 1% very short, 25% short, 73% adequate, 1% surplus. Subsoil moisture 1% very short, 7% short, 91% adequate, 1% surplus. Soybeans 89% shedding leaves, 86% 1999, 91% avg.; 34% harvested, 27% 1999, 33% avg. Sorghum 55% harvested, 56% 1999, 47% avg. Field corn 70% harvested for grain, 78% 1999, 74% avg. Pasture feed 2% poor, 20% fair, 64% good, 14% excellent. Barley 24% fair, 71% good, 5% excellent.; 72% planted, 80% 1999, 77% avg. Winter Wheat 17% fair, 74% good, 9% excellent.; 32% planted 40% 1999, 40% avg. Rye 10% fair, 89% good, 1% excellent.; 46% planted, 51% 1999, 58% avg. All hay supplies 1% short, 86% adequate, 13% surplus. Apples 90% harvested, 84% 1999, 81% avg. Percent of cutting hay crop harvest; 80% 4th cutting cut, 86% 1999, 79% avg. Alfalfa 93% 4th cutting cut, 78% 1999, 90% avg.; 45% 5th cutting cut, 34% 1999, 37% avg. Comments: Good Harvest weather has speeded soybean harvesting. Small grains seeding going at a fast pace but need moisture in some areas.

MICHIGAN: Days suitable for fieldwork 6.0. Topsoil 2% very short, 14% short, 82% adequate, 2% surplus. Subsoil 4% very short, 17% short, 76% adequate, 3% surplus. All Hay 0% very poor, 5% poor, 26% fair, 51% good, 18% excellent. Corn 1% very poor, 5% poor, 24% fair, 58% good, 12% excellent. Soybeans 2% very poor, 5% poor, 27% fair, 59% good, 7% excellent. All Hay 75% 4th cutting, 86% 1999, 73% avg. Corn 96% mature, 100% 1999, 96% avg. Silage 93% harvested, 100% 1999, 98% avg. Soybeans 96% dropping leaves, 100% 1999, 100% avg.; 30% mature, 100% 1999, 99% avg. Warm, dry conditions helped crops dry, allowed farmers to make good progress with harvest. District precipitation for week ranged from none northern, central Lower Peninsula to 0.18 inches western Upper Peninsula. Temperatures 1 to 5° above normal statewide. Wonderful weather during past week allowed field crop harvest to continue rapidly. Corn harvested continue, with reports of corn samples at 19 to 35% moisture. Harvest expected full swing when moisture drops a few points. Soybean harvest made steady progress to just over halfway mark. Sugarbeet well underway, but warm weather slowed harvest, storage of beets to preserve sugar content. Fourth cutting of hay three-quarters completed. Winter wheat looking very good, with adequate moisture helping wheat that has emerged. Carrot, squash, pumpkin harvests continued. Growers finishing up harvesting cabbages, tomatoes, celery. Apple harvest virtually completed most parts of State. Only a few late varieties west central, northwest counties remain to be harvested.

MINNESOTA: Days suitable for fieldwork 6.1. Topsoil 38% very short, 31% short, 28% adequate, 3% surplus. Soybeans 74% stubble plowed, 61% 1999, 57% avg. Corn 16% moisture content, 17% 1999, 20% avg.; 45% stubble plowed, 33% 1999, 28% avg. Pasture feed 18% very poor, 28% poor, 31% fair, 22% good, 1% excellent. Dry conditions in the southern two-thirds of the state continue, despite limited rainfall over the weekend. Dry conditions have resulted in several combine fires, as producers are harvesting corn from tinder dry fields. A wildfire swept through Anoka County, causing many residents to evacuate, isolated reports of livestock injury. Concerns about forest fires in the northeastern tip of the state remain high as rainfall continues to skirt this area.

MISSISSIPPI: Days suitable for fieldwork 6.9. Soil moisture 57% very short, 31% short, 12% adequate. Cattle 10% very poor, 23% poor, 32% fair, 31% good, 4% excellent. Sheep 99% harvested, 82% avg.; condition good to excellent. Winter wheat planting continues to be slow due to low soil moisture in many parts of the state.

MISSOURI: Days suitable for fieldwork 5.1, with all areas having several good days of harvesting weather. Topsoil 22% very short, 27% short, 49% adequate, 2% surplus. The weekly precipitation averaged 0.94 inch, varying from 0.08 inch in the southeast to over 1.50 inches in the west-central and central districts. Corn harvested ranged from 87% northeast to 93% or more in all other districts, including 100% in southern districts. Soybean harvest ranged from 44% southwest to 87% or more in the north-central, west-central, central districts. Sorghum harvested varied from less than 75% north-central and northeast, to complete in the southern districts. Winter wheat harvesting continues a few days ahead of normal, ranging from around 50% in the east-central and south-central districts, to around 75% complete in the northwest, west-central, southeast districts. Pastures 27% very poor, 30% poor, 26% fair, 16% good, 1% excellent. Stock water supplies are 34% very short, 29% short, 36% adequate, 1% surplus, with the lowest ponds in the southwest and south-central districts.

MONTANA: Days suitable for fieldwork 6.1. Topsoil 27% very short, 51% short, 22% adequate, 0% surplus. Subsoil moisture 53% very short, 38% short, 9% adequate, 0% surplus. Corn 99% harvested for silage, 99% 1999, 99% avg. Potatoes 93% harvested, 88% 1999, 82% avg. Cattle, calves moved from 81% summer ranges, 72% 1999, 68% avg. Sheep, lambs moved from 81% summer ranges, 75% 1999, 74% avg. As the result of favorable conditions, farmers made good progress harvesting. Farmers in some areas indicated they are busy working the ground in preparation for spring planting next year. A few operators are still considering planting winter wheat but are waiting for cheat grass to germinate so control action can be taken before seeding. Producers are busy weaning, shipping cattle. Some areas of the state are reporting lighter weaning weights then average due to the shortage of feed and grass drying out so early. Short feed, water supplies are still a large concern with most portions of the state.

NEBRASKA: Days suitable for fieldwork 6.9. Topsoil 60% very short, 30% short, 10% adequate, 0% surplus. Subsoil moisture 81% very short, 16% short, 3% adequate, 0% surplus. Temperatures for the week averaged 3 to 9° above normals. Precipitation was scattered with amounts less than .5 inch common in the eastern half of the State. Amounts of 1 inch or more recorded in extreme southwestern counties, bringing temporary relief to the worst drought stressed areas. Wheat 3% very poor, 17% poor, 51% fair, 27% good, 2% excellent. Conditions compare to 1999 when over 50% of the crop rated good or excellent. Wheat 82% emerged, 86% 1999, 86% avg. Additional moisture needed to sustain growth, establish winter wheat crop. Corn 88% harvested, 68% 1999, 51% avg. Soybeans 93% harvested, 94% 1999, 88% avg. Sorghum 91% harvested, 58% 1999, 57% avg. Sugar beet harvest active. Pasture, range feed 55% very poor, 31% poor, 12% fair, 2% good. Producers moving cattle to harvested stalk fields, however, in many cases on limited grain, forage value present.

NEVADA: A relatively mild storm system passed through the State late in the week, bringing light precipitation but sharply colder temperatures. Rainfall totaled .06 inch in Elko, .05 inch in Winnemucca, and .02 inch in Las Vegas. Temperatures were averaging well below normal statewide at the end of the week. Farm, ranch activity winding down seasonally. Fourth, final cutting of alfalfa hay neared completion, though slowed by rain. Hay shipments westward active. Alfalfa seed harvest complete. Winter wheat, barley seeding progressed. Corn kept for grain maturing. Potato harvest completed. Onion packing, shipping continued. Garlic fields in good condition. Final irrigation applied to some fields. Movement of livestock to winter pastures continued. Cattle sorting, marketing continued. Main farm, ranch activities: Alfalfa hay harvest, shipping, field preparation, fall grain planting, irrigation, livestock gathering, sorting, marketing.

NEW ENGLAND: Days suitable for fieldwork 6.0. Topsoil 7% short, 87% adequate, 6% surplus. Subsoil moisture 9% short, 89% adequate, 2% surplus. Pasture feed 4% very poor, 11% poor, 40% fair, 35% good, 10% excellent. Maine potatoes 100% harvested, 95% 1999, 99% avg.; condition good. Rhode Island potatoes 90% harvested, 95% 1999, 95% avg.; condition good to excellent. Massachusetts potatoes 99%
NEW JERSEY: Days suitable for field work 6.0. Topsoil 6% short, 94% adequate. Corn 100% mature, 38% harvested for grain, 87% harvested for silage, 70% good, 30% excellent. Soybeans 94% dropping leaves, 21% harvested, 80% good, 20% excellent. Corn and soybean harvest continued where conditions allowed. Deer damage was high in some corn fields. Wheat, rye was seeded in some localities. Apple harvest activity was brisk in some areas with harvest 70% complete. Cranberry harvest 40% complete. Fresh market tomato quality has been excellent for most of the season. Growing conditions were favorable for Chinese cabbage despite earlier hail damage. Scab was reported on some late peaches. Pepper, cucumber harvest was complete in most areas.

NEW MEXICO: Days suitable for field work 5.7. Topsoil 31% very short, 43% short, 26% adequate. A slow-moving storm system from the Pacific helped produce some rain at most locations. Temperatures were a little above normal at most places, with a statewide average 2° above normal. Farmers spent the week harvesting all fall crops. Total sorghum condition showed little change, but very poor, 24% poor, 9% fair, 7% good, 1% excellent, 100% mature, 90% 1999, 63% 5-yr.; 43% harvested, 21% 1999, 13% 5-yr. Total wheat was in mostly very poor to fair condition, with wheat 40% emerged. Peanuts were in mostly fair to good condition, with half of the crop harvested. Alfalfa held steady in mostly fair to good condition. Cotton was in fair to excellent condition with harvest more than a third of the way complete. The chile crop continues in mostly fair to good condition, with red chile harvest well under way. Ranchers were busy separating, weaning, marketing calves. Cattle, sheep conditions continued where conditions allowed. Deer damage was high in some corn fields. Winter wheat 82% planted, 88% 1999, 87% avg.; 44% emerged, 66% 1999, 53% avg. Corn 1% very poor, 5% poor, 24% fair, 48% good, 23% excellent. Hay 0% very poor, 5% poor, 20% fair, 56% good, 19% excellent. Pasture 2% very poor, 4% poor, 23% fair, 55% good, 16% excellent. Soybeans 2% very poor, 9% poor, 30% fair, 43% good, 16% excellent. Winter wheat 0% very poor, 1% poor, 25% fair, 61% good, 13% excellent. Activities for the week included: Harvesting corn, soybeans; making hay; sawing wheat; spreading lime, fertilizer; fall tillage; chisel plowing; transporting, drying grain; hauling manure; seeding hay; harvesting silage; cutting Christmas trees; Harvesting fruits, vegetables; shelling corn; maintaining buildings, equipment. Reported weed pressures included: Giant foxtail, Canadian thistle, giant ragweed, lambsquarters. Reported insects included corn borers, lady bugs, squash bugs, box elder beetles, mites, aphids. Reported diseases were anthracnose stalk rot in corn, mildew on vegetables, mold on pumpkins. The corn, soybean harvest is progressing slightly slower than 1999. Harvest has been delayed in the North Central district due to wet conditions, high humidity. Frost damage in several areas has lowered yield expectations, further delayed crop maturity. The fruit, vegetable harvest is winding down for another year. Pepper picking is complete in the North Central district, producers in the Northeast are done harvesting apples, pumpkins. Lobsters were reported in good to excellent condition. Producers are weaning, selling feeder calves throughout the state. Reporters rated pasture feeds 71% good to excellent. Last year at this time, pasture feeds were only 24% good to excellent.

NEW YORK: Days suitable for field work 5.1. Soil moisture 75% adequate, 25% surplus. Pasture feed 20% fair, 60% good, 20% excellent. Corn 10% poor, 60% fair, 30% good. Silage corn 86% harvested, 100% 1999, 96% avg. Grain corn harvest picking up, but still very limited due to high moisture content. Hay 50% fair, 50% good. Alfalfa 98% 3rd cutting, 100% 1999, 98% avg. Dry bean harvest underway-white mold evident, as expected. Soybean combining just beginning. Late season vegetable harvest nearing completion.

NORTH CAROLINA: Days suitable for field 6.7. days. A week of beautiful weather dominated State as the State Fair took center stage last week. Farmers, fair goers enjoyed dry weather, with cool nights, warm days. Only isolated spots in the Central Coastal Plain received a sprinkle of rain. Rainfall has been very scarce since the third week of September, which has supplied farmers with conditions conducive for harvest. However, the lack of moisture has some concerned about the germination of small grains. Statewide, soil moisture is beginning to reflect the dry weather caused by a massive high pressure system that has been in place for nearly a month. The current ratings of moisture levels 17% very short, 35% short, 48% adequate, 0% surplus. Harvest activities continue to be the focus of farmers. Excellent gains were made in peanut threshing along with good progress in corn, cotton, soybean harvest. Farmers have pushed forward with small grain planting amidst the concerns about soil moisture, although advances in wheat, rye were minimal. Other activities included: Sweetpotato, sorghum, isolated tobacco harvest, baling hay, tending livestock. Dry weather has helped cotton boll opening to near completion, enabled soybean leaf dropping to jump ahead of schedule. Selective harvests are now reported, possibly 20% of the soybeans due to the early frost two weeks ago, though the loss is not expected to be severe.

NORTH DAKOTA: Days suitable for fieldwork 7. Topsoil 16% very short, 23% short, 58% adequate, 3% surplus. Subsoil moisture 15% very short, 23% short, 59% adequate, 3% surplus. Producers continued to make excellent progress on row crop harvest thanks to favorable weather during the week. Ranchers were weaning calves, hauling hay in preparation for winter. Dry bean development 98% combined, 99% 1999, 98% avg. Sunflowers 59% combined, 32% 1999, 57% avg.; 2% very poor, 6% poor, 28% fair, 47% good, 17% excellent. Pasture, range feeds 11% very poor, 17% poor, 40% fair, 28% good, 4% excellent. Stockwater 5% very short, 15% short, 78% adequate, 2% surplus.

OHIO: Days suitable for fieldwork 4.9. Topsoil 0% very short, 2% short, 89% adequate, 9% surplus. Fall, winter crops 89% harvested, 85% 1999. Alfalfa 88% 4th cutting, 100% 1999. Corn 96% mature, 100% 1999, 94% avg.; 37% harvested for grain, 64% 1999, 39% avg.; 94% harvested for silage, 100% 1999, 91% avg.. Other hay 95% 3rd cutting, 100% 1999, 100% avg. Soybeans 96% mature, 100% 1999, 73% harvested, 85% 1999, 79% avg. Tobacco 19% stripped, 14% 1999. Winter wheat 82% planted, 88% 1999, 87% avg.; 44% emerged, 66% 1999, 53% avg. Corn 1% very poor, 4% poor, 24% fair, 48% good, 23% excellent. Hay 0% very poor, 5% poor, 20% fair, 56% good, 19% excellent. Pasture 2% very poor, 4% poor, 23% fair, 55% good, 16% excellent. Soybeans 2% very poor, 9% poor, 30% fair, 43% good, 16% excellent. Winter wheat 0% very poor, 1% poor, 25% fair, 61% good, 13% excellent. Activities for the week included: Harvesting corn, soybeans; making hay; sawing wheat; spreading lime, fertilizer; fall tillage; chisel plowing; transporting, drying grain; hauling manure; seeding hay; harvesting silage; cutting Christmas trees; Harvesting fruits, vegetables; shelling corn; maintaining buildings, equipment. Reported weed pressures included: Giant foxtail, Canadian thistle, giant ragweed, lambsquarters. Reported insects included corn borers, lady bugs, squash bugs, box elder beetles, mites, aphids. Reported diseases were anthracnose stalk rot in corn, mildew on vegetables, mold on pumpkins. The corn, soybean harvest is progressing slightly slower than 1999. Harvest has been delayed in the North Central district due to wet conditions, high humidity. Frost damage in several areas has lowered yield expectations, further delayed crop maturity. The fruit, vegetable harvest is winding down for another year. Pepper picking is complete in the North Central district, producers in the Northeast are done harvesting apples, pumpkins. Lobsters were reported in good to excellent condition. Producers are weaning, selling feeder calves throughout the state. Reporters rated pasture feeds 71% good to excellent. Last year at this time, pasture feeds were only 24% good to excellent.

OREGON: Days suitable for fieldwork 6. Topsoil 1% very short, 11% short, 88% adequate. Subsoil 1% very short, 33% short, 66% adequate. Winter Wheat 4% poor, 13% fair, 83% good, 81% planted, 51% 1999, 74% avg.; 48% emerged, 14% 1999, 44% avg. Barley 32% planted, 41% 1999, 40% avg. Range, pasture 3% very poor, 27% poor, 30% fair, 38% good, 2% excellent. Activities: Fall seeded grains in Western State are mostly planted, emerged. Eastern State winter wheat planting ranges from 50% completed in Malheur county to 95% planted in other areas of eastern state. Emergence ranges from 20% in Malheur to 75% emerged.
in Umatilla County. Some fertilizer, herbicides being applied. Most field corn has been harvested, harvesting of silage corn nearing completion. Seeding of new ryegrass fields in Western State continues. Sugarbeet harvest completion ranges from 40% in Malheur county to 70% in Klamath county. Nurseries are digging, shipping balled, burlapped plants for fall season. Christmas tree growers are getting ready to start harvesting trees on November 15th. Everyone preparing for cold weather. Willamette valley continued to harvest sweet corn, carrots, cucumbers, onions, and squash. Oregan county reported good yields of these crops. Temperatures last week ranged from 7 to 13° above normal, with occasional windy periods. Weather is ideal for harvesting, hard on winter crops, beginning to impact cattle.

**TENNESSEE:** Days suitable for fieldwork 7. Tossop 33% very short, 42% short, 25% adequate. Subsoil moisture 41% very short, 42% short, 17% adequate. Pastures 25% very poor, 28% poor, 32% fair, 14% good, 1% excellent. Burley 37% striped, 31% 1999, 32% avg. Winter wheat 40% seeded, 38% 1999, 42% avg.; 9% emerged. Conditions remained dry last week with only trace amounts of rain reported in the middle, eastern portions of the State. The lack of moisture is causing problems with winter wheat germination, many producers are delaying additional seedings until rain arrives. Pasture feeds continued to deteriorate due to recent frosts, the lack of moisture. Many livestock producers have already begun feeding hay, some are hauling water due to low pond levels. In addition, problems with tobacco striping, nursery plant harvest were also reported due to the lack of rain. Despite the current problems with the dry weather this fall, it has facilitated the rapid harvest of the State’s major row crops.

**PENNSYLVANIA:** Days suitable for field work 4.1. Soil moisture 1% very short, 9% short, 81% adequate, 9% surplus. Fall 69% plowing, 71% 1999, 71% avg. Corn 88% mature, 82% 1999, 86% avg.; 27% harvested, 36% 1999, 41% avg. 92% silage, 96% 1999, 92% avg.; 1% very poor, 2% poor, 13% fair, 59% good, 25% excellent. Barley 94% planted, 83% 1999, 87% avg.; 79% emerged, 67% 1999, average not available. Winter wheat 72% planted, 54% 1999, 67% avg.; 51% emerged, 43% 1999, average not available. Soybeans 25% harvested, 14% 1999, 26%; 1% very poor, 1% poor, 12% fair, 58% good, 28% excellent. Potatoes 92% harvested, 91% 1999, 86% avg. Apples 91% harvested, 79% 1999, 81% avg. Alfalfa 96% 3rd cutting, 97% 1999, 96%; 89% 4th cutting, 77% 1999, 73% avg. Quality of hay made 3% very poor, 12% poor, 31% fair, 35% good, 19% excellent. Activities include: Harvesting corn, corn silage, soybeans, apples, grapes, potatoes; marketing produce; machinery maintenance; filling silos; spreading lime, fertilizers; hauling, spreading manure; caring for livestock; fixing fences; making hay, haylage; fall plowing; seeding fall crops.

**SOUTH CAROLINA:** Days suitable for field work 6.7. Apples soil moisture 13% very short, 47% short, 38% adequate, 2% surplus. Apples 89% harvested, 81% 1999, 89% avg. Barley 42% planted, 35% 1999, 38% avg.; 32% emerged, 25% 1999, 26%; 84% fair, 16% good. Corn 99% harvested, 100% 1999, 100% avg. Cotton 95% bolls opened, 96% 1999, 95% avg.; 41% harvested, 38% 1999, 44%; 1% very poor, 11% poor, 47% fair, 39% good, 2% excellent. Livestock 1% poor, 27% fair, 61% good, 11% excellent. Oats 33% planted, 44% 1999, 43%; 24% emerged, 26% 1999, 28%; 1% poor, 88% fair, 11% good. Peanuts 70% harvested, 46% 1999, 66%; 6% poor, 42% fair, 47% good, 5% excellent. Pecans 20% harvested, 14% 1999, 20%; 12% very poor, 68% fair, 20% good. Rye 36% planted, 46% 1999, 48%; 24% emerged, 36% 1999, 34%; 1% poor, 80% fair, 19% good. Sorghum 97% matured, 94% 1999, 97% avg.; 74% harvested, 69% 1999, 74% avg.; 13% poor, 46% fair, 41% good. Soybeans 88% turned color, 86% 1999, 86%; 45% dropped, 41% 1999, 44%; 29% matured, 26% 1999, 24%; 9% harvested, 9% 1999, 7% avg.; 2% very poor, 10% poor, 32% fair, 51% good, 5% excellent. Sweetpotatoes 71% harvested, 52% 1999, 55% avg.; 7% very poor, 37% poor, 43% fair, 13% good. Tobacco 99% stalks destroyed, 98% 1999, 97% avg. Winter Grazing 67% planted, 67% 1999, 65%; 47% emerged, 52% 1999, 47%; 1% very poor, 6% poor, 74% fair, 1% good. Winter Wheat 19% planted, 18% 1999, 19% avg.; 12% emerged, 11% 1999, 11% avg.

**SOUTH DAKOTA:** Days suitable for field work 6.5. Topsoil 37% very short, 43% short, 20% adequate. Subsoil moisture 35% very short, 44% short, 21% adequate. Feed supplies 8% very short, 17% short, 70% adequate, 5% surplus. Stock water supplies 31% very short, 27% short, 41% adequate. 1% surplus. Winter Rye 99% planted, 98% 1999, 100% avg.; 89% emerged, 85% 1999, 93% avg. Sorghum 79% harvested-grain, 43% 1999, 57% avg. Sunflower 100% mature, 91% 1999, 98% avg.; 83% harvested, 42% 1999, 60% avg. Alfalfa hay 14% very poor, 21% poor, 30% fair, 31% good, 4% excellent. Range, Pasture 19% very poor, 27% poor, 32% fair, 19% good, 3% excellent. Cattle 2% poor, 19% fair, 62% good, 17% excellent. Sheep 2% poor, 20% fair, 61% good, 17% excellent. Scattered, light rains did not slow row crop harvest, did little to help fork to good epochs. Corn harvest was completed from 7 to 13° above normal, with occasional windy periods. Weather is ideal for harvesting, hard on winter crops, beginning to impact cattle.
remaining pumpkins, melons remained slow as rain showers crossed portions of the Plains. In the Trans Pecos region, harvest of chili peppers continued. Tomato harvest remained in full swing. Pecans: Harvest activities continued where weather permitted across the state. Production remained varied because of the drought, insect populations continued to become more evident. In areas where harvest had not begun, shock split continued, harvest will begin soon. Range, Livestock: Widespread rainfall continued to improve soil moisture replenish stock water in many locations. Supplemental feeding of livestock continued as pastures will not begin adequate forage recovery until next spring. Herd culling, reduction also continued for some livestock owners. Cattle deaths from possible anthrax occurred in South State.

**Utah:** Days suitable for fieldwork 6. Topsoil 5% very short, 25% short, 68% adequate, 2% surplus. Subsoil moisture 15% very short, 33% short, 50% adequate, 2% surplus. Winter wheat 61% emerged, 79% 1999, 82% 5-yr avg. Corn 89% mature, 87% 1999, 83% avg.; 32% harvested for grain, 36% 1999, 34% avg.; 1% very poor, 4% poor, 20% fair, 60% good, 15% excellent. Alfalfa hay 94% 4th cutting, 88% 1999, 89% avg. Potatoes 99% harvested, 92% 1999, 94% avg. Cattle moved from 94% summer range, 83% 1999, 85% avg. Apples 77% picked, 84% 1999, 81% avg. Range, pasture 11% very poor, 41% poor, 34% fair, 12% good, 2% excellent. Major farm, ranch activities included: Harvesting apples, corn, potatoes. Livestock moved from summer range is almost complete, calves, lambs are being shipped to market.

**Virginia:** Days suitable for fieldwork 6.8. Topsoil 17% very short, 52% short 30% adequate, 1% surplus. Subsoil moisture 8% very short, 34% short, 56% adequate, 2% surplus. Pastures 3% very poor, 10% poor, 35% fair, 48% good, 4% excellent. Livestock 1% poor, 11% fair, 74% good, 14% excellent. Corn 97% mature, 100% 1999, 98% 5-yr avg.; 67% grain harvested, 79% 1999, 75% 5-yr avg.; 98% silage harvested, 100% 1999, 99% 5-yr avg. Soybeans 1% very poor, 1% poor, 10% fair, 50% good, 38% excellent. Soybeans 83% dropping leaves, 75% 1999, 45% 5-yr avg.; 18% harvested, 14% 1999, 17% 5-yr avg. Winter Wheat 28% seeded, 17% 1999, 21% 5-yr avg. Barley 62% seeded, 63% 1999, 57% 5-yr avg. Peanuts 4% poor, 22% fair, 66% good, 8% excellent, 96% dug, 83% 1999, 88% 5-yr avg.; 84% combined, 62% 1999, 71% 5-yr avg. Cotton 4% poor, 17% fair, 82% good, 17% excellent, 86% bolls opening, 99% 1999, 97% 5-yr avg. Cotton 24% harvested, 18% 1999, 34% 5-yr avg. Fall apples 99% fair, 82% good, 82% excellent. Winter apples 93% harvested, 65% 1999, 60% 5-yr avg. Dry, warm conditions allowed corn harvest, small grain planting to progress considerably this week. Dry soils are becoming a concern for small grain establishment. Lack of rain is causing pastures to become depleted sooner than normal, growth of new plantings has been slowed. Corn harvest continues to be slow as bin space, barge movement continues to be a problem. Other activities for the week included: Defoliating cotton, bailing peanut vines, winterizing equipment.

**Washington:** Days suitable for fieldwork 5.7. Topsoil 10% very short, 36% short, 54% adequate. Subsoil moisture 6% very short, 42% short, 52% adequate. Winter wheat 100% planted, 93% 1999, 96% avg.; 93% emerged, 82% 1999, 87% avg. Winter wheat seeding was completed last week benefitting from some much needed precipitation. Potatoes 91% harvested, 94% 1999, 88% avg. Potato harvest was winding down under good conditions. Hay, roughage, 100% adequate. Range, Pasture 2% very poor, 38% poor, 39% fair, 21% good. Cooler temperatures, morning frosts have slowed pastures growth, but grazing conditions remain fair to good. Dairymen continued applying solids to forage fields. Ranchers reported feeding earlier than normal due to rangeland destroyed by wildfires. Harvest for grapes, apples has peaked, was beginning to taper off. Wine grapes were reported picking out on the heavy side with Concord, Petit Midi lighter. Red Delicious harvest was nearly complete. Cranberry harvest was in full swing. Dry bean harvest was nearly complete. Christmas tree harvest is slated to begin next week for containerized shipments to Japan. Christmas tree growers also reported problems filling orders due to low inventories. U-pick pumpkin farms continued to do a brisk business.

**West Virginia:** Days suitable for fieldwork 5.6. Topsoil 16% short, 75% adequate, 9% surplus. Crop harvest, wheat planting active with favorable weather conditions. Farmers continue to market cotton. Hay 1% poor, 19% fair, 57% good, 23% excellent; Hay 84% 3rd cut, 70% 1999, 86% 5-yr avg. Corn 5% fair, 56% good, 39% excellent; 95% mature, 90% 1999, 40% harvested, 54% 1999, 58% 5-yr avg. Soybean 17% fair, 54% good, 29% excellent; 93% dropping leaves, 99% 1999, 98% 5-yr avg.; 58% harvested for grain, 35% 1999, 45% 5-yr avg. Wheat planted 57%, 49% 1999, 61% 5-yr avg.; Wheat 13% emerged, 18% 1999. Apples 82% harvested, 80% 1999. Cattle 8% fair, 70% good, 22% excellent. Sheep 20% fair, 63% good, 17% excellent.

**Wisconsin:** Days suitable for fieldwork 6.8. Soil moisture 4% very short, 42% short, 53% adequate, 1% surplus. Warm, dry weather has allowed harvest to continue at full speed. Northern State reported corn harvest on hold until lower plant moisture is reached. Central State reported corn drying down faster after receiving ideal weather last week. Southern State reported the beginning of corn ear harvest. All districts reported soybean harvest coming to an end. Fall tillage 27% 2000, 34% 1999, 29% 5-year avg. Pasture feed 6% very poor, 20% poor, 37% fair, 33% good, 4% excellent.
WYOMING: Days suitable for fieldwork 6.5. Topsoil 17% very short, 49% short, 34% adequate. Subsoil moisture 14% very short, 60% short, 26% adequate. Winter wheat 100% emerged, 100% 1999, 99% avg.; 12% poor, 46% fair, 42% good. Corn 94% mature, 98% 1999, 99% avg.; 31% harvested, 37% 1999, 36% avg.; 1% very poor, 4% poor, 4% fair, 87% good, 4% excellent. Sugarbeets 81% harvested, 80% 1999, 80% avg. Alfalfa 91% 3rd cutting, 100% 1999, 92% avg. Range, pasture feed 26% very poor, 41% poor, 27% fair, 6% good. Stock water supplies 24% very short, 54% short, 22% adequate. Livestock in fair to mostly good condition. Warm, dry week with some moisture over weekend.