

State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at <http://www.usda.gov/nass/> or from JAWF at <http://www.usda.gov/oce/waob/jawf>.

ALABAMA: Days suitable for fieldwork 4.0. Topsoil 1% very short, 9% short, 67% adequate, 23% surplus. Corn 95% harvested, 98% 2003, 98% avg. Soybeans 98% dropping leaves, 94% 2003, 94% avg.; 41% harvested, 32% 2003, 38% avg.; condition 6% very poor, 7% poor, 11% fair, 74% good, 2% excellent. Pasture feed 2% very poor, 10% poor, 41% fair, 44% good, 3% excellent. Livestock condition 1% very poor, 3% poor, 23% fair, 54% good, 19% excellent. Rain slowed harvest across the state, improved pasture feeds. Hay harvest in some areas neared completion.

ALASKA: DATA NOT AVAILABLE

ARIZONA: Temperatures for the State were below normal for the third week of October. Alfalfa condition remains mostly good. Harvest is complete on twenty-eight percent of the acreage, the same as last year but behind the five year average of forty-one percent. Precipitation was reported at 16 of the 17 reporting stations, ranging from 4.18 inches in Grand Canyon to 0.03 inches in Winslow.

ARKANSAS: Days suitable for fieldwork 4. Soil 1% very short, 5% short, 72% adequate, 22% surplus. Soybeans 99% Yellowing, 95% 2003, 92% 5-yr avg.; 93% shedding, 86% 2003, 90% 5-yr avg.; 86% matured, 74% 2003, N/A 5-yr avg.; 63% harvested, 57% 2003, 57% 5-yr avg.; Sorghum 100% harvested, 100% 2003, 99% 5-yr avg.; Cotton 100% open bolls, 99% 2003, 99% 5-yr avg.; 56% harvested, 58% 2003, 70% 5-yr avg.; condition 0% very poor, 1% poor, 16% fair, 42% good, 41% excellent. Rice 98% harvested, 97% 2003, 98% 5-yr avg. Winter wheat 17% planted, 48% 2003, 38% 5-yr avg.; 9% emerged, 28% 2003, 18% 5-yr avg.; condition 0% very poor, 15% poor, 14% fair, 67% good, 4% excellent. Pasture, Range condition 6% very poor, 21% poor, 43% fair, 26% good, 4% excellent. Rains continued this week, have delayed harvest progress for cotton, soybeans. There is fear that the excess moisture will have a negative effect on the quality of crops remaining in the ground. Winter wheat planting continues. Apple harvest is also under way. LIVESTOCK: Livestock are in overall good condition. Activities Included: Working cattle, baling hay, weaning, vaccinating calves. Rainfall continues to improve pasture condition.

CALIFORNIA: Ground preparation for the planting of small grains, winter forage continued through much of the week, but was hindered by heavy rainfall. Activities taking place prior to the storms included leveling, discing, and irrigation. Cotton harvesting was nearly completed in many parts of the State. However, the rainfall curtailed harvesting of the remaining crop as growers waited for the fields to dry out. Cotton yields have been reported as very good so far, but there have been concerns that the rain would cause some reduction in yield, quality in the affected areas. Some blackeye bean growers also expected losses due to heavy rainfall. Rice harvesting was nearly finished for the season. Rice straw continued to be baled. Corn continued to be harvested for seed, feed, human consumption. Harvesting of silage corn was winding down. Sugar beet harvesting continued until the onset of the recent storms. Alfalfa harvesting was also disrupted by the rain, growers expected to lose some of their recent cuttings due to mold, decay. Sunflower seed harvesting was winding down in the Sacramento Valley. Harvesting of potatoes and sweet potatoes continued as weather conditions permitted. Mechanical harvesting of dried-on-the-vine raisins continued but was near completion. Some dried-on-the-vine raisins were expected to need reconditioning due to rain damage. Table grape growers covered their late maturing varieties with plastic to protect against the rain. There was a brief delay in harvesting due to wet conditions in the vineyards. Picking in stone fruit orchards ended in most locations. Pruning, chipping, brush shredding continued in some harvested stone fruit orchards as field conditions allowed. Kiwifruit, pomegranate, persimmon harvesting continued, with good quality, yields reported. Growers applied irrigation water prior to the rain in order to prevent cracking of unharvested pomegranates. Strawberry fields continued to be harvested, were sold in roadside stands in the San Joaquin Valley. The Fuji apple harvest was completed, Pink Lady picking was underway. The 2003-2004 Valencia season was virtually over. The rain during the week prevented the small amount of fruit remaining from being harvested. The rain also stopped or slowed lemon harvesting in all three districts. After a week of color trials, packing sheds started their first full week of harvesting partial loads of the Bonanza, Fukimoto, Beck varieties of Navel oranges. Mandarins were starting to color, with coloration enhanced by the cold nights. The olive harvest was winding down, was expected to conclude in a few weeks. Pistachios, pecans, walnuts were harvested in many locations. Growers were waiting for orchards to dry out before continuing pruning operations. The wind, rain also knocked many nuts from the trees. Almond harvesting was complete in most areas. Orchards were being watered, sprayed. Vegetable harvesting, other field activities were slowed or suspended due to the heavy rains. Radicchio, spinach, lettuce were progressing well. Insecticides were applied to some radicchio fields. Some lettuce fields were sprayed for worms. Discing,

preparations for fall and spring planting continued where conditions permitted. There were some problems with lodging in sweet corn fields due to the rain, wind. Processing tomato harvesting was complete in most locations. Eggplant, freezer lima beans, broccoli, pickle cucumbers, spinach, squash, sweet corn, fresh market tomatoes, pumpkins continued to be harvested. The following vegetables were also harvested: basil, bitter melon, bok choy, cabbage, carrots, cauliflower, daikon, gailon, gourds, green beans, jujube, kohlrabi, lemon grass, long beans, moqua, okra, opo, sinqua, sugar cane, Swiss chard, taro leaf, and various herbs. The recent rains were beneficial to the State's dry winter pastures. The rainfall in combination with mild daytime temperatures was conducive to the growth of new grass. Many cattle continued to receive supplemental feed. Cold temperatures and snow at higher elevations prompted the movement of beef cows to foothill pastures. Fall calving continued. In the Central Valley, sheep were grazing on fallow land, in harvested tomato fields, while an increasing number were moving into alfalfa fields. Feeder lambs continued to arrive in the southern desert for the winter pasture season. Bees were moving to winter staging areas.

COLORADO: Days suitable for fieldwork 5.8. Top soil 7% very short, 28% short, 63% adequate 2% surplus. Subsoil 24% very short, 33% short, 43% adequate. Precipitation was scarce throughout the state last week with the western part of the state receiving the most moisture at a tenth of an inch. Temperatures across the state were anywhere from 3 to 7° above normal. These conditions allowed for normal advancement of harvest operations. Sunflower condition 1% very poor, 2% poor, 17% fair, 53% good 27% excellent. Alfalfa hay 4th cutting 66%, 76% 2003, 72% avg.; condition 2% very poor, 7% poor, 34% fair, 41% good, 16% excellent. Dry beans 83% harvested, 95% 2003, 98% avg. Dry onions 96% harvested, 100% 2003, 98% avg. Fall potatoes 100% harvested, 100% 2003, 100% avg. Summer potatoes 99% harvested, 100% 2003, 100% avg. Sugar beets 65% harvested, 59% 2003, 52% avg.; condition 12% fair, 60% good, 28% excellent.

DELAWARE: Days suitable for fieldwork 3.5. Topsoil e 83% adequate, 17% surplus. Subsoil 97% adequate, 3% surplus. Corn 96% harvested for grain, 90% 2003, 85% avg. Soybeans 29% harvested, 22% 2003, 24% avg. Sorghum 89% harvested, 81% 2003, 49% avg. Barley condition 70% good, 30% excellent; 74% planted, 79% 2003, 71% avg. Winter wheat condition 9% fair, 56% good, 35% excellent. Winter wheat 45% planted, 55% 2003, 40% avg. Pasture feed 2% poor, 12% fair, 80% good, 6% excellent. Other hay 4th cutting 79%, 76% 2003, 75% avg. Alfalfa hay 4th cutting 83%, 84% 2003, 92% avg.; 5th cutting 30%, 18% 2003, 30% avg. Apples 94% harvested, 83% 2003, 89% avg. Hay supplies 17% short, 80% adequate, 3% surplus. Rain showers delayed corn, sorghum, soybean, alfalfa, other hay harvest. Farmers are wrapping up apple harvest with 94% complete. Good progress was made in planting of barley, winter wheat. Small grains are in good to excellent condition. Corn harvest is close to completion, soybeans 29% complete. Hay supplies are in short to adequate supply. Pasture is in fair to good condition.

FLORIDA: Topsoil 1% very short, 11% short, 55% adequate, 33% surplus. Subsoil 3% short, 64% adequate, 33% surplus. Rainfall: 0.10 in. Daytona Beach to nearly 3.00 in. Homestead; however, Balm, Bradenton, Jacksonville, Lake Alfred, MacClenny, Okahumpka, Ona, Pensacola, Putnam Hall, Tampa, less than 0.10 in. Temperatures: major cities, averaged from normal, West Palm Beach, to 8° above, Pensacola. Daytime highs: 80s. Nighttime lows: 50s, 60s, 70s. Peanuts 91% harvested, 94% 2003, 92% 5-yr avg. Hay making active. Rains delayed cotton, peanut harvesting, Washington County. Nearly 35% of cotton picking complete, Santa Rosa County. Peanut digging nearing end. Disease affecting cucurbits, Dade County. Cabbage, broccoli planting active, Hastings region; very limited acreage of potatoes already planted; most potatoes to be planted late December, early January. Panhandle producers around Quincy, Chipley, picking tomatoes; strong demand, light supplies driving prices to record high levels. Producers harvested watermelons, very light supplies available. Other vegetables available: okra, sweet corn, pickles. Harvesting of snap beans, eggplant, peppers, squash getting underway; very light supplies available. Light rainfall, warm temps, low humidity citrus areas. Groves drying out, all areas. Good color on early, mids. Packing houses taking early oranges; white, colored grapefruit; early tangerines. Few processing plants open. Pasture feed 20% poor, 25% fair, 50% good, 5% excellent. Cattle condition 30% fair, 60% good, 10% excellent. Range, pasture feed mostly good except central areas. Panhandle, north, Big Bend: pasture grass growth slow due to cooler night temperatures; haying active; planting of winter grazing continued. Pasture, winter forage land too dry at some locations. Central: pasture feed mostly poor as some pastures still flooded, cattle condition mostly fair. Statewide: cattle condition mostly good.

GEORGIA: Days suitable for field work 4.9. Soil 9% short, 76% adequate, 15% surplus. Hay 1% very poor, 7% poor, 42% fair, 47% good, 3% excellent. Peanuts 88% dug, 92% 2003, 92% avg. Rye 46% planted, 54% 2003, 53% avg. Sorghum 65% harvested for grain, 70% 2003, 68% avg. Soybeans 2% very poor, 8% poor, 42% fair, 44% good, 4% excellent; 89% dropping leaves, 85% 2003, 85% avg. Other small grains 36% planted, 38% 2003, 38% avg. Apples 89% harvested, 82% 2003, 87% avg. Pecans 16% very poor, 35% poor, 30% fair, 18% good, 1% excellent; 10% harvested, 14% 2003, 10% avg. Wet, damp conditions continued to slow harvest of this year's peanut crop. Untimely rains, coupled with previous wet fields, kept peanut producers from making any favorable harvest progress. However, the recent rains have provided excellent soil moisture levels. Scattered rains kept fields moist, which slowed planting, harvesting across the State. Cotton producers resumed harvesting late in the week. Small grain planting continued. Seeded winter wheat emerged from recent showers. Producers cut, baled hay. Activities, producers continued planting rye, picking apples, and the routine care of livestock and poultry.

HAWAII: An upper-level storm system southwest of the State generated showers in all areas, which became downpours, thunder storms during the weekend, especially in windward, mountain areas. Banana, papaya orchards were in mostly fair to good condition with active harvests. Regular spraying was necessary for disease and insect control. Vegetable crops made generally good progress with fair to good yields.

IDAHO: Days suitable for fieldwork 4.1. Topsoil 12% very short, 19% short, 67% adequate, 2% surplus. Statewide, the temperature reading fell below normal, some precipitation in the forms of rain, snow was received. Most counties had irrigation water shut off. The 2004 apple crop harvest is complete in the south-western part of the state. The 2005 winter wheat crop is reported to be nearly planted and in good condition. The state's potato harvest was nearing completion slightly ahead of last year and the five-year average. Sugarbeet harvest is progressing ahead of normal as well. Field corn 25% harvested for grain, 47% 2003, 34% avg. Potatoes 99% harvested, 97% 2003, 96% avg. Alfalfa hay - 4th cutting harvested 92%, 96% 2003, 94% avg. Irrigation water supply 22% very poor, 25% poor, 23% fair, 26% good, 4% excellent. Activities Included: Caring for, moving livestock to winter pastures, fall soil preparation, planting winter wheat, and harvesting hay, apples, sugarbeets, and potatoes.

ILLINOIS: Days suitable for fieldwork 3.0. Topsoil 8% short, 73% adequate, 19% surplus. Above normal temperatures and a continued increase in precipitation last week continued to delay harvest. Heavy rain halted field work late last week, while some corn was harvested under sticky, muddy conditions. Winter wheat condition 2% poor, 32% fair, 62% good, 4% excellent. In addition to harvest activities, farmers were planting wheat, tilling, applying lime, fertilizer, and caring for livestock. (Note: Illinois's "State Agricultural Summary" for the week ending October 17, 2004, published in the October 19, 2004 issue of this release, contained an error. The second sentence should have read "Topsoil 4% very short, 19% short, 71% adequate, 6% surplus)."

INDIANA: Days suitable for fieldwork 2.8. Topsoil 1% very short, 11% short, 72% adequate, 16% surplus. Subsoil 4% very short, 26% short, 66% adequate, 4% surplus. Precipitation slowed field activities in most areas of the state. Farmers still made some progress harvesting corn, soybeans. Fall tillage has occurred in many fields. Corn harvest is 6 days ahead of average. Soybean harvest is 5 days ahead of the average pace. Many elevators were able to free up space with the rain delay of harvest. Some elevators are still limiting deliveries of corn, soybeans. Moisture content of corn harvested is averaging about 17%. Moisture content of soybeans harvested is averaging about 11.5 percent. Winter wheat emergence and growth helped by recent precipitation. Pastures improved around the state last week. Temperatures averaged 3° below to 8° above normal for the week. Precipitation averaged 0.49 to 6.01 inches. Soybeans virtually all mature except for late planted and double cropped fields. Pastures 6% very poor, 22% poor, 40% fair, 30% good, 2% excellent. Livestock are in mostly good condition. Activities: Attending FSA offices for LDP sign up, tillage of soils, repairing equipment, chopping stalks, cleaning out grain bins, harvesting potatoes, popcorn, sorting, weaning calves, spreading lime, fertilizer, hauling manure and taking care of livestock.

IOWA: Days suitable for fieldwork 4.7. Topsoil 13% very short, 24% short, 59% adequate, 4% surplus. Subsoil 10% very short, 24% short, 60% adequate, 6% surplus. Despite damp weather, which slowed progress for many producers, soybean harvest in the state is close to completion. Corn harvest was also slowed due to precipitation. Reporters indicated that storage is becoming a problem. Some farmers are storing grain in machine sheds or it is being piled on the ground. Field Crops Report: Corn acreage 47% harvested for grain or seed, 8 days behind both 2003 average of 71% harvested, 68% 5-yr avg.; 20% moisture, 18% harvested, 54% none lodging, 25% light, 17% moderate, 4% heavy, 66% none ear drop, 24% light, 9% moderate, 1% heavy. Soybean acreage 95% harvested, slightly behind 2003 pace of 97% but ahead of the 5-yr avg 94% harvested, 68% none lodging, 23% light, 8% moderate, 1% heavy, 57% none shattering, 29% light, 10% moderate, 4% heavy. Fall fertilizer application in preparation for the 2005 season was 16% complete statewide. Grain movement from farm to elevator 15% none, 25% light, 41% moderate, 19% heavy. Off-farm grain storage availability 44% short, 53% adequate, 3% surplus. On-farm grain

storage availability 49% short, 49% adequate, 2% surplus. Livestock, Pasture, Range Report: Livestock conditions were generally reported as favorable. Producers were turning cattle into stalk fields. Pasture, range feed 8% very poor, 17% poor, 30% fair, 36% good, and 9% excellent.

KANSAS: Days suitable for fieldwork 4.7. Topsoil 3% very short, 15% short, 77% adequate, 5% surplus. Subsoil 11% very short, 33% short, 55% adequate, 1% surplus. Alfalfa 4th cutting 93%, 82% 2003, 93% avg. Range, pasture feeds 8% very poor, 20% poor, 32% fair, 35% good, 5% excellent. Feed grain supplies 2% very short, 6% short, 78% adequate, 14% surplus. Hay, forage supplies 1% very short, 7% short, 74% adequate, 18% surplus. Stock water supplies 3% very short, 14% short, 82% adequate, 1% excellent. Some producers have started moving cattle off grass.

KENTUCKY: Days suitable fieldwork 2.1. Topsoil 1% very short, 6% short, 63% adequate, 30% surplus. Temperatures averaged 62° across the State, 6 degrees above normal. Subsoil 2% very short, 12% short, 68% adequate, 18% surplus. Above normal rainfall statewide for a second week had many farmers stripping tobacco. Burley tobacco 23% already stripped, 19% 2003, 21% avg. Housed tobacco condition 3% poor, 23% fair, 58% good, 16% excellent. Corn, soybean harvest continue to make some limited progress with yield indications mostly good to excellent. Winter wheat 40% seeded, 57% 2003, 58% avg.; condition 1% very poor, 1% poor, 28% fair, 44% good, 26% excellent. Range, pasture feed 3% very poor, 10% poor, 31% fair, 47% good, 9% excellent. Hay supplies are mostly adequate for winter feeding.

LOUISIANA: Days suitable for fieldwork 6.2. Soil 14% short, 76% adequate, 10% surplus. Pecans 25% harvested, 12% last week, 23% 2003, 24% avg. Soybeans 100% turning color, 99% last week, 100% 2003, 100% avg.; 98% dropping leaves, 93% last week, 97% 2003, 99% avg. Sugarcane 3% very poor, 13% poor, 42% fair, 30% good, 12% excellent; 21% harvested, 17% last week, 31% 2003, 28% avg. Sweet potatoes 56% harvested, 41% last week, 85% 2003, 77% avg. Wheat 17% planted, 8% last week, 25% 2003, 30% avg.; 2% emerged, 0% last week, 11% 2003, 11% avg. Livestock 1% very poor, 6% poor, 28% fair, 59% good, 6% excellent. Vegetable 2% very poor, 23% poor, 51% fair, 22% good, 2% excellent.

MARYLAND: Days suitable for fieldwork 3.5. Topsoil 9% short, 73% adequate, 18% surplus. Subsoil 2% very short, 6% short, 83% adequate, 9% surplus. Corn for grain 82% harvested, 75% 2003, 79% avg. Soybeans 88% dropping leaves, 77% 2003, 89% avg.; 29% harvested, 24% 2003, 34% avg. Sorghum 78% harvested, 71% 2003, 61% avg.; condition 3% very poor, 4% poor, 10% fair, 53% good, 30% excellent; 80% planted, 74% 2003, 81% avg. Winter wheat condition 2% very poor, 3% poor, 11% fair, 55% good, 29% excellent; 54% planted, 52% 2003, 47% avg. Pasture feed 2% very poor, 7% poor, 19% fair, 52% good, 20% excellent. Tobacco 16% stripped, 16% 2003, 18% avg. Other hay 4th cutting 75%, 87% 2003, 86% avg. Alfalfa hay 4th cutting 86%, 73% 2003, 86% avg.; 5th cutting 31%, 9% 2003, 38% avg. Apples 91% harvested, 88% 2003, 89% avg. Hay supplies 7% very short, 13% short, 72% adequate, 8% surplus. Cool, cloudy, rainy conditions hampered cutting of alfalfa, other hay, harvesting progress for corn, soybeans, sorghum. Apple harvest increased 7% from 82% to 91% complete. Farmers are wrapping up their fourth cutting of alfalfa hay, some are moving into a fifth cutting. Good progress was made with planting of barley, winter wheat. Soybean harvest increased 8% from 21% to 29% complete. Farmers are finishing up corn and sorghum harvest.

MICHIGAN: Days suitable for fieldwork 5. Subsoil 13% very short, 37% short, 48% adequate, 2% surplus. Corn 94% mature, 96% 2003, 97% avg. Soybeans dropping 98% leaves, 100% 2003, 99% avg. Potatoes 95% harvested, NA 2003, NA avg. Hay 4th cutting 80%, 73% 2003, 76% avg. Apples 88% harvested, NA 2003, NA avg. Cloudy skies, near normal temperatures, scattered showers covered most of State during week. Even with damp weather, farmers able to make progress on their fall tasks. The cloud cover limited crop dry down, but did help moderate temperatures. Averages ranged from 2° below normal central, southwest Lower Peninsula to 1° above normal west central Lower Peninsula. Precipitation highly variable across State. Most areas dry enough that any rainfall received was welcomed, even though it delayed harvest and fall tillage. Precipitation amounts ranged from 0.26 inches southeast Lower Peninsula to 1.47 inches west central Lower Peninsula. Wet weather across State last week slowed harvesting for some farmers, rain did restore soil moisture. Soybean harvest continued for some producers, for others, wet weather put a halt on harvesting. Corn harvested for silage completed. Corn harvest for seed and grain ongoing. High moisture remains a major concern with corn crop. Farmers still waiting for corn to dry down. Weather excellent for sugarbeet harvest. Harvest continued at a rapid pace. Dry bean harvest completed. Winter wheat planting neared completion. Growers finished harvesting apples south. In Ridge area, growers finishing up late season varieties such as Ida Red, Red Delicious. Harvest of late season vegetable crops continued. Potato harvest ongoing. Although cool temperatures limited digging over week, some areas nearing completion. Carrot harvest continued, progress about on par with average. Pumpkin harvest moved along. A fair amount of crop still field. Processing squash harvest underway west central.

MINNESOTA: Days suitable for fieldwork 4.1. Topsoil 0% very short, 5% short, 78% adequate, 17% surplus. Corn 24% moisture, 16% 2003, 18% avg.; 99% silage, 99% 2003, 99% avg.; 28% harvested, 85% 2003, 68% avg. Soybeans 11% moisture, 11% 2003, 12% avg.; 91% harvested, 99% 2003, 94% avg. Potatoes 98% harvested, 98% 2003, 95% avg. Dry beans 96% harvested, 99% 2003, 98% avg. Pasture feed 2% very poor, 10% poor, 32% fair, 50% good, 6% excellent. Corn 2% very poor, 7% poor, 28% fair, 47% good, 16% excellent. Sunflowers 16% very poor, 20% poor, 16% fair, 46% good, 2% excellent. Corn harvest advances 14 percentage points, however lags 40 points behind the 5 year average. Cool dry conditions allowed harvest to move forward, however the moisture level for corn remains high at 24% moisture compared to the 5 year average of 18%. Producers are slowly completing field crop harvest, while potatoes, dry beans harvest and silage cutting are nearing completion.

MISSISSIPPI: Days suitable for fieldwork 3.8. Soil 11% short, 60% adequate, 29% surplus. Cotton 100% open bolls, 100% 2003, 100% avg.; 78% harvested, 81% 2003, 77% avg. Rice 99% harvested, 98% 2003, 96% avg. Soybeans 97% harvested, 91% 2003, 86% avg. Wheat 25% planted, 70% 2003, 46% avg.; 18% emerged, 50% 2003, 22% avg. Hay 100% harvested (Warm Season), 100% 2003, 100% avg. Sweetpotatoes 79% harvested, 94% 2003, 87% avg. Cattle 3% very poor, 7% poor, 19% fair, 56% good, 15% excellent. Pasture 10% very poor, 19% poor, 39% fair, 29% good, 3% excellent. Many farmers with cattle grazing on pastures have welcomed the rains that traveled throughout northern parts of the state this week. The rains delayed harvesting, farmers are concerned about the quality of the remaining crops still in the field. Harvesting will resume once the crops have had time to dry. Recently planted ryegrass, winter forages benefitted from the moisture received, and should help the germination process.

MISSOURI: Days suitable for fieldwork 3.0. Topsoil 4% very short, 8% short, 75% adequate, 13% surplus. Damp weather over most of the State again hindered row crop harvesting, wheat planting progress. Ground intended for spring crops worked at least once 28%, 16% 2003, 16% avg. Corn harvesting varies from 66% in the northeast district, followed by the northwest, north-central districts at about 76%, to virtually all harvested in the southern third of the State. Soybeans 93% mature, 85% 2003, 93% avg.; harvesting varies from 37% in the southwest district to 60% or more in the northwest, north-central, central districts. Sorghum harvesting varies from 28% harvested in the northeast district to 100% in the southeast district. Wet weather in the Bootheel again severely limited progress of cotton harvesting. Wheat planting ranges from 21% in the west-central district to 58% in the southwest district. Pastures 2% very poor, 13% poor, 33% fair, 46% good, 6% excellent, as fall growth has continued to respond to the improved moisture supply, above-normal temperatures. Rainfall over the State averaged 0.65 inch, with the northwest district receiving the least amount, at 0.13 inch. The eastern districts received the largest amounts, all well over an inch, with the southeast district showing the highest average at 2.36 inches.

MONTANA: Days suitable for fieldwork 4.0. Topsoil 2003 58% very short, 37% short, 5% adequate, 0% surplus. Subsoil 41% very short, 39% short, 20% adequate, 0% surplus compared to 2003 68% very short, 27% short, 5% adequate, 0% surplus. The State experienced cooler temperatures this week with precipitation throughout the State for the week ending October 24th, 2004. Winter wheat 99% seeded, 82% emerged, compared to 2003 99% and 75%, respectively. Winter wheat condition 1% very poor, 3% poor, 21% fair, 47% good, 28% excellent. Durum wheat 93% harvested, which are behind 2003 100%. Sugar beet 76% harvested compared to 2003 92% complete. Dry bean harvest 97%, which is behind 2003 progress of 100%. Potato harvest 89% complete compared to 2003 94% complete. Other hay 2nd cutting complete 95%. Range, pasture feed 23% very poor, 25% poor, 34% fair, 15% good, 3% excellent, compared to the 5-yr avg 29% very poor, 30% poor, 27% fair, 13% good, 1% excellent. Movement of cattle, calves from summer ranges is currently 73%, compared to 2003 76%. Movement of sheep, lambs from summer ranges is currently 81% compared to 2003 79%. Eleven percent of the cattle and 14% of the sheep are being supplemental fed.

NEBRASKA: Days suitable for fieldwork 5.2. Topsoil 13% very short, 26% short, 61% adequate, 1% surplus. Subsoil 30% very short, 32% short, 38% adequate, 0% surplus. Temperatures for the week ending October 24, 2004 averaged from 2 to 6° above normals. Precipitation was statewide but scattered, light, with larger amounts limited to the western half of the state. Alfalfa condition 9% very poor, 19% poor, 28% fair, 35% good, 9% excellent; 4th cutting 93%, 99% 2003, 97% avg. Activities: This past week centered around fall harvest.

NEVADA: Cold, wet weather prevailed during the week as several widespread storms passed through. Ely received 1.79 inches of much needed rain, Elko 1.44 inches, Reno 1.34 inches. Las Vegas recorded .47 inch. Snow fell in the mountains. Statewide, high temperatures were 20 to 25° colder than the previous week, daily were several degrees below normal. Fieldwork was halted by rains. A few alfalfa fields remained to be harvested. Hay shipping was active. Fall seeded crops benefitted from the moisture. Cattle shipping continued, winter feeding increased. Sheep were moved to winter pastures. Equipment maintenance was common.

NEW ENGLAND: Days suitable for field work 6.3. Topsoil 1% short, 95% adequate, 4% surplus. Subsoil 97% adequate, 3% surplus. Pasture feed 15% poor,

30% fair, 50% good, 5% excellent. Maine Potatoes 100% harvested, 100% 2003, 99% avg.; condition good. Massachusetts Potatoes 95% harvested, 90% 2003, 95% avg.; condition good. Field Corn 95% harvested, 99% 2003, 95% avg.; condition good/excellent. Hay 2nd Crop 100% harvested, 100% 2003, 99% avg.; condition good. 3rd Crop 95% harvested, 95% 2003, 95% avg.; condition good. Apples 95% harvested, 95% 2003, 95% avg.; condition good. Pears 97% harvested, 100% 2003, 99% avg.; condition fair. Massachusetts Cranberries 90% harvested, 90% 2003, 85% avg.; condition good/fair. Cooler temperatures mixed with scattered showers prevailed throughout the six-State region. Harvest continued for the last of the Fall crops. Activities Included: Harvesting apples, pears, cranberries, potatoes, silage corn; spreading manure; cleaning equipment to put away for winter.

NEW JERSEY: Days suitable for field work 5.3. Soil 100% adequate. There was some rainfall across most of the state during the week. Fieldwork Included: Harvesting field corn for grain, soybeans, fruit, and vegetables. Planting of fall harvest cover crops continued where conditions allowed. Field clean-up progressed with pruning of apple trees, cleaning orchards, repairing equipment. Harvest of fall peppers, pumpkins, potatoes, sweet potatoes drew to a close in the southern, central districts. Apple harvest neared completion in the south. Cranberry harvest continued. Pasture feed was generally fair.

NEW MEXICO: Days suitable for fieldwork 6.5. Topsoil 6% very short, 22% short, 69% adequate, 3% surplus. The week was generally dry with temperatures near normal in the west, a few degrees above normal in the east. Although some measurable precipitation fell at nearly half the reporting locations, amounts were light for the most part. Quemado and Red River (0.29" and 0.26" respectively) were the only sites that measured over one quarter of an inch. Most of this was a mix of rain, snow Wednesday night. Farmers spent the week harvesting chile, corn, cotton, hay, sorghum. Alfalfa conditions were reported in mostly fair to excellent condition. The 6th cutting complete 76%, 7th complete 24%. Red chile harvest was in full swing with 39% harvested to date. Cotton conditions improved slightly with harvest just beginning, well behind last year. Cotton bolls 94% opening, 2% harvested to date. Corn was reported in fair to excellent condition with 51% harvested. Sorghum conditions 1% poor, 42% fair, 53% good, 4% excellent. Sorghum 80% coloring, 32% mature, 5% harvested by weeks end. Peanut harvest was in full swing with 36% harvested. Lettuce harvest continued 35% harvested. Wheat was in fair to excellent condition with some replanting. Ranchers continued shipping their calves, moving cattle to home pastures. Cattle conditions 9% poor, 24% fair, 44% good, 23% excellent. Sheep conditions 9% poor, 21% fair, 60% good, 10% excellent. Pasture feeds 2% very poor, 9% poor, 39% fair, 36% good, and 14% excellent.

NEW YORK: Days suitable for fieldwork 3.6. Topsoil 22% surplus, 76% adequate, 2% short. Corn 7% poor, 18% fair, 54% good, 22% excellent; 2003 23% excellent. Grain corn harvest picked up momentum, advanced to 23% finished, 2 points behind 2003. Soybeans 39% harvested lagging, 2003 progress of 52%. Hay crop conditions 16% poor, 30% fair, 38% good, 16% excellent. Silage corn remained at 82% complete compared with 91% 2003. Potato digging 95% complete, about equal to 2003 pace. Dry beans 78% harvested. The following are comments from around the state: Farmers were continuing to finish balance of corn acres harvested in St Lawrence County. Ontario County's harvest was slowed by the rain but some corn, soybeans for grain were harvested. Silage was coming to a close. Wet conditions delayed soy harvest in Wayne County. Drizzle off, on slowed the corn harvest in Cortland County. Montgomery, Fulton Counties reported there was little corn left to be harvested as silage. Corn, Soybeans were just getting underway for grain. Very little hay was put up due to wet weather. Sloppy field conditions made for a tough week for harvest in Chautauqua County. Apple picking remained very active. Some Wayne County producers will be finishing harvest this week. Grape harvest in Yates County should also be completed this week. Processors that were receiving Catabas and Concord were finished. Wineries are now harvesting Riesling, Cabernet Franc, and Vidal Blanc. A couple of processors were finished with Concord grapes and all processors are scheduled to finish Concord processing this week. Grape growers on Long Island have been harvesting red varieties such as Merlot. Cabernet Sauvignon harvest will take place in the coming weeks. Growers continued cleaning up fields and packing and marketing began. Roadside markets across the state kept busy with fall crops such as squash, pumpkins, and cabbage. Halloween sales picked up. Pastures 1% very poor, 10% poor, 32% fair, 44% good, 13% excellent. No livestock problems were reported.

NORTH CAROLINA: Days suitable for field work 4.3. Soil 7% short, 71% adequate, and 22% surplus. Other activities included planting small grains, harvesting apples and sorghum, cutting hay, moving cattle to fall pastures, preparing equipment for winter storage, and general farm maintenance. The start of the week brought above normal temperatures followed by cloudy, cooler weather with overall temperatures ranging from 68 to 84 degrees with minimal rainfall. Harvest of cotton, peanuts, and sweetpotatoes are still running above the 5-year average.

NORTH DAKOTA: Days suitable for fieldwork 2.8. Topsoil 8% very short, 19% short, 63% adequate, 10% surplus. Subsoil 16% very short, 18% short, 58% adequate, 8% surplus. Limited harvest progress was made during the week due to cloudy skies, cool temperatures, frequent rain across the state. All districts

received some rain. . Durum wheat 91% combined, 100% 2003, 99% average. Corn for Silage 95% chopped, 100% 2003, 100% average. Dry Edible Beans 84% harvested, 100% 2003, 99% average. Flaxseed 88% combined, 100% 2003, 99% average. Potatoes 96% dug, 100% 2003, 100% average. Emerged crop conditions ratings: Sunflower 7% very poor, 15% poor, 37% fair, 37% good, 4% excellent. Stockwater supplies 10% very short, 17% short, 70% adequate, 3% surplus. Range, pasture feeds 20% very poor, 17% poor, 37% fair, 23% good, 3% excellent.

OHIO: Days suitable for field work 2.9. Topsoil 2% very short, 7% short, 80% adequate, 11% surplus. Alfalfa hay 4th cutting complete 86%, 93% 2003, 94% avg. Apples 86% harvested (fall), 88% 2003, 87% avg. Corn 96% mature, 94% 2003, 97% avg.; 48% harvested for grain, 31% 2003, 43% avg.; silage 94% harvested, 100% 2003, 99% avg. Grapes 95% harvested, 82% 2003, 94% avg. Other hay 3rd cutting complete 93%, 100% 2003, 99% avg. Soybeans 94% mature, 98% 2003, 99% avg.; 73% harvested, 77% 2003, 79% avg. Winter wheat 82% planted, 83% 2003, 86% avg.; 55% emerged, 44% 2003, 59% avg. Corn condition 2% very poor, 6% poor, 19% fair, 45% good, 18% excellent. Hay condition 5% very poor, 10% poor, 29% fair, 43% good, 13% excellent. Pasture feed 3% very poor, 8% poor, 27% fair, 48% good, 14% excellent. Winter Wheat condition 1% very poor, 2% poor, 27% fair, 54% good, 16% excellent. Rain showers brought field work to a standstill at the beginning of the week. Many farmers who were unable to harvest their crops spent time repairing farming equipment. Weather conditions improved as the weekend approached, many in the farming community resumed their normal activities. Producers continued the grain harvest but spend more time during the week harvesting corn than soybeans. Growers planted winter wheat, performed fall tillage. Producers cut Christmas trees, spread manure and harvested vegetables.

OKLAHOMA: Days suitable for fieldwork 5.1 Topsoil 4% very short, 10% short, 84% adequate, 2% surplus. Subsoil 9% very short, 19% short, 71% adequate, 1% surplus. Rye 1% very poor, 2% poor, 14% fair, 69% good, 14% excellent; 96% emerged, 87% last week, 92% 2003, 78% avg.; 4% grazed, n/a last week, n/a 2003, n/a avg. Oats 3% poor, 23% fair, 64% good, 10% excellent; 85% seedbed prepared, 81% last week, 88% 2003, 89% avg.; 44% planted, 36% last week, 54% 2003, 54% avg.; 38% emerged, 32% last week, 42% 2003, 34% avg. Corn 92% harvested, 91% last week, 90% 2003, 96% avg. Soybeans 85% mature, 76% last week, 85% 2003, 89% avg.; 57% harvested, 53% last week, 55% 2003, 65% avg. Peanuts 4% poor, 17% fair, 68% good, 11% excellent; 99% mature, 93% last week, 96% last year, 93% avg; 62% dug, 43% last week, 64% 2003, 67% avg.; Alfalfa hay 3% very poor, 3% poor, 27% fair, 53% good, 14% excellent; 83% 5th cutting, 82% last week, 61% 2003, 52% avg.; 33% 6th cutting, 28% last week, n/a 2003, n/a avg. Other hay 1% very poor, 5% poor, 25% fair, 57% good, 12% excellent; 96% 2nd cutting, 95% last week, 91% 2003, 86% avg. Livestock 1% poor, 15% fair, 63% good, 21% excellent. Pasture, Range 1% very poor, 8% poor, 28% fair, 54% good, 9% excellent. Livestock: Cattle were rated in good to excellent condition. There are reports of stocker cattle on grass waiting for the first freeze before being put out on wheat pastures. Some producers were selling spring calves. Prices for feeder steers less than 800 pounds went down slightly to \$115.57 per cwt. while prices for feeder heifers less than 800 pounds went down fourteen cents to \$108.80 per cwt.

OREGON: Days suitable for fieldwork: 5.6. Topsoil 7% very short, 24% short, 61% adequate, 8% surplus. Subsoil 8% very short, 33% short, 56% adequate, 3% surplus. Winter wheat 85% planted, 73% 2003, 71% 5 yr avg.; 60% emerged, 38% 2003, 35% 5 yr avg.; conditions 18% fair, 69% good, 13% excellent. Range, Pasture: 4% very poor, 28% poor, 27% fair, 40% good, 1% excellent. Activities: Most weather in state last week consisted of rain, cold temperatures, even some snow. Klamath, Lake, Wasco, Wallowa counties reported snow fall last week. High temperatures were mostly in the fifties, while low temperatures reached a chilling eighteen degrees in parts of south central state. Many areas, especially the coastal areas, the Willamette Valley, received more than an inch of rainfall last week. These conditions put a halt to much of the anticipated fieldwork. Most fall fieldwork was complete. In Clackamas County, work was mostly limited to fertilizer, pesticide applications. Winter wheat, ryegrass seeding was winding down in Marion, Washington counties. Intermittent rain, snow showers disrupted fieldwork across parts of eastern state. Sugarbeet harvest was in full swing in Malheur County. Corn for grain harvest was slowed because of high moisture levels. Grape harvest was near completion in Clackamas County. Despite occasional rain showers, fruit growers continued post harvest orchard operations in Hood River County. Some late apples were harvested there, as well as in the southern Willamette Valley. On the south state coast, cranberry harvest continued, many berries were shipped to processors. Walnut harvest continued in the Willamette Valley. Hazelnut harvest mostly over. Winterization of caneberry crops continued in Washington County. Nurseries were busy with fall projects, plant maintenance. Nurseries are starting to do bareroot digging, are moving balled, burlapped materials to market. Greenhouses are busy with holiday plants, fall outdoor decorative plants. Harvest of commercial Easter lily bulbs is finished, the bulbs were of uniform size, of good quality. Vegetable harvest continued in western state. Growers were getting the most out of the late harvest of pumpkins, corn, peppers, squash, tomatoes. Pumpkin patches were busy with many children in search for the perfect pumpkin. Farmers markets reported a decrease in the availability of vegetables due to the cold, wet weather. Potatoes were being processed in Washington County. Onion, potato harvest was delayed due to the rain, snow, cold weather that hit Klamath County. Conditions continued to improve

throughout the state. Livestock were reported in good condition in southwest areas of the State. Many calves continued to be weaned, shipped last week. Growth of fall pastures is progressing nicely throughout the state, with only the cooler weather in some areas slowing it down somewhat. Range feeds continued to improve in northeast areas of the State. Cattle were moved out of higher elevations in Umatilla County.

PENNSYLVANIA: Days suitable for field work 3.0. Soil 1% short, 69% adequate, 30% surplus. Fall plowing 85% complete, 52% 2003, 68% avg. Corn 55% harvested, 36% 2003, 45% avg.; condition 3% poor, 13% fair, 47% good, 37% excellent. Barley 85% emerged complete, 62% 2003, 74% avg. Winter wheat 85% planted complete, 70% 2003, 74% avg.; 55% emerged complete, 42% 2003, 54% avg. Soybean crop condition 2% poor, 15% fair, 51% good, 32% excellent; harvested 32% complete, 39% 2003, 33% avg. Alfalfa 4th cutting complete 83%, 73% 2003, 83% avg. Grapes 99% harvested complete, 67% 2003, 91% avg. Quality of hay made 16% very poor, 14% poor, 34% fair, 31% good, 5% excellent. Pasture feeds 3% very poor, 20% poor, 16% fair, 59% good, 2% excellent. Activities Included: Plowing; finishing the 4th cutting of hay; feeding livestock; harvesting corn, soybeans; sowing barley, wheat; harvesting grapes; and preparing equipment for colder weather.

SOUTH CAROLINA: Days suitable for field work 5.9. Soil 10% short, 87% adequate, 3% surplus. Corn 100% harvested, 100% 2003, 100% avg. Peanuts 70% harvested, 67% 2003, 67% avg.; 3% poor, 25% fair, 59% good, 13% excellent. Sorghum 98% matured, 97% 2003, 97% avg.; 82% harvested, 81% 2003, 81% avg.; 15% fair, 84% good, 1% excellent. Cotton 97% open bolls, 86% 2003, 93% avg.; 45% harvested, 25% 2003, 38% avg.; 4% poor, 26% fair, 63% good, 7% excellent. Pastures 1% very poor, 2% poor, 28% fair, 63% good, 6% excellent. Soybeans 89% leaves turning color, 89% 2003, 88% avg.; 57% leaves dropped, 51% 2003, 52% avg.; 35% mature, 26% 2003, 32% avg.; 11% harvested. 11% 2003, 11% avg.; 4% poor, 21% fair, 63% good, 12% excellent. Tobacco 98% stalks destroyed, 99% 2003, 98% avg. Apples 92% harvested, 92% 2003, 89% avg.; 60% fair, 40% good. Pecans 28% harvested, 26% 2003, 24% avg. Livestock 2% poor, 20% fair, 63% good, 15% excellent. Winter grazing 72% planted, 64% 2003, 65% avg.; 59% emerged, 42% 2003, 48% avg.; 2% poor, 29% fair, 69% good. Winter wheat 39% planted, 39% 2003, 26% avg.; 28% emerged, 27% 2003, 18% avg.; 1% poor, 22% fair, 72% good, 5% excellent. Barley 55% planted, 54% 2003, 48% avg.; 39% emerged, 38% 2003, 34% avg.; 21% fair, 79% good. Oats 38% planted, 42% 2003, 45% avg.; 29% emerged, 29% 2003, 29% avg.; 17% fair, 83% good. Rye 49% planted, 47% 2003, 44% avg.; 35% emerged, 33% 2003, 31% avg.; 33% fair, 67% good.

SOUTH DAKOTA: Days suitable for fieldwork 4.6. Topsoil 6% very short, 17% short, 73% adequate, 4% surplus. Subsoil 15% very short, 20% short, 63% adequate, 2% surplus. Feed supplies 12% very short, 20% short, 60% adequate, 8% surplus. Stock water supplies 20% very short, 19% short, 58% adequate, 3% surplus. Winter Wheat 97% seeded, 99% 2003, 97% avg. Sunflower 13% very poor, 12% poor, 27% fair, 37% good, 11% excellent; 91% mature, 97% 2003, 99% avg.; 28% harvested, 77% 2003, 69% avg. Sorghum 54% harvested-grain, 88% 2003, 72% avg. Cattle condition 2% poor, 16% fair, 63% good, 19% excellent. Sheep condition 3% poor, 13% fair, 62% good, 22% excellent. Range, Pasture 14% very poor, 20% poor, 31% fair, 29% good, 6% excellent. Sorghum silage 96% harvested, 100% 2003, 96% avg. Alfalfa hay 17% very poor, 11% poor, 22% fair, 37% good, 13% excellent. Although temperatures averaged above normal for much of the state last week, scattered precipitation delayed harvest progress in several areas. Activities Included: Combining row crops, fall tillage, planting fall crops, working cattle, and caring for livestock.

TENNESSEE: Days suitable for fieldwork 2. Topsoil 6% short, 80% adequate, 14% surplus. Subsoil 10% short, 85% adequate, 5% surplus. Burley 43% stripped, 40% 2003, 34% avg. Winter Wheat 24% seeded, 61% 2003, 43% avg.; 9% emerged, 18% 2003, 11% avg. Pastures 5% poor, 25% fair, 62% good, 8% excellent. Cattle 2% poor, 23% fair, 61% good, 14% excellent. Virtually all harvest activities were brought to a standstill last week due to numerous heavy rain showers across the State. Farms in the eastern part of the State, however, welcomed the additional moisture, mostly for their pastures, tobacco in the barn. Farmers worked on machinery, renovated pastures, stripped burley, harvested some fall crops, as weather permitted. Despite the many rain showers, most producers still are on schedule with last year, with the exception of winter wheat planting. This moisture also benefitted the recently seeded wheat, which is now beginning to emerge. Rainfall averaged above normal for the week, as did temperatures, across the entire State.

TEXAS: Agricultural Summary: Top soil moisture levels were adequate over most of the state. Most of the week remained dry, allowing producers to get into the fields. The latter part of the week brought moisture across all of central state. Most areas saw only light showers, although East State, South Central, the Edwards Plateau received between trace amounts, 4 inches of rainfall. Some areas of the Blacklands reported up to 6 inches of moisture. Isolated hail was reported in the Southern Low Plains. Temperatures remained above average, helping to dry out fields for harvest. Cotton harvest was active or soon to begin, and producers prepared for planting of fall crops. Range, pastures seemed to be doing well, although pastures were beginning to brown. Stock tank levels remained full for the most part after the rains over the weekend. Small Grains: Rust was reported in

some wheat on the High Plains due to wet conditions in earlier weeks. Late planted wheat was going in behind corn. Some fields in the Southern High Plains were being replanted due to the previous heavy rainfall. Grub worms were a nuisance in isolated areas. Portions of the Blacklands were behind on planting wheat, oats due to wet conditions, but planting was in full swing. Planting continued on the Edwards Plateau, some fields were being grazed. In South State, planting was near completion. Wheat condition 90% of normal, 2003 63%. Corn: Corn harvest continued on the Plains. Late planted corn was still drying down. Cotton: In the Plains regions, defoliation continued, cotton benefitted from the warmer days. Picking, stripping began, made good progress. Harvest of remaining fields in the Blacklands, East State resumed after the previous week's rains, but some fields remained too wet to get equipment into. On the Edwards Plateau, South Central, South State, stalk shredding was underway in some areas as harvest neared completion. Cotton condition 76% normal, 2003 52%. Sorghum Harvest continued to be active in the Plains with decent yields reported. Some slow maturing fields were waiting for a freeze to get harvest underway. Isolated hail damage was reported in some Southern Plains sorghum. Peanuts: Harvest continued on the Plains throughout the week but was halted due to moisture late in the week. Diggers, combines were very active earlier in the week with fair to good yields reported. Pod rot was evident in some fields affecting the yield, grades of these peanuts. Peanuts in the Cross Timbers were harvested for the most part with the exception of some dryland Spanish Peanuts. Harvest was winding down in parts of South Central State, but producers were having a hard time finishing up due to wet conditions. Peanut condition 84% normal, 2003 83%. Rice: Second crop rice harvest had begun on the Upper Coast. Commercial Vegetables, Fruit, Pecans In the Plains, an outstanding pumpkin crop was reported. The San Antonio-Winter Garden region, harvesting of cabbage, winter vegetable preparations continued. In other areas, spinach, carrots, onions were planted. In the Rio Grande Valley, early planted vegetable crops were progressing well. Onion planting continued while harvest of early oranges was gaining momentum. Field operations were active. Pecans: Pecans were starting to open up, some dropping of nuts began in the Southern High Plains. In the Cross Timbers, harvesting of pecans continued, was not hampered by rains. In the Trans Pecos region, pecans were starting to split, harvest was nearing. In South Central State, some scab damage, losses of dropped nuts to crows were reported. Case bearer had also affected the crop in this area. Harvest was beginning in South State. Range, Livestock: As hay baling resumed across the state, cattle were being bought for wheat pasture. Pasture and rangeland remained in fair condition on the Plains. Breeding season had begun on the Cross Timbers for goats, some fall cattle work was in progress. Pastures in the area were turning brown quickly. Minimal supplemental feeding was reported across the state. Marketing of calves continued in the Blacklands. Livestock were carrying good body condition. Horn flies were a complaint of some producers. Some portions of the Blacklands were spraying for armyworms in pastures. Winter pastures were being planted in East State, hay supplies were good but not of the best quality. Stock ponds remain full from past and recent moisture.

UTAH: Days suitable for field work 3. Subsoil 15% very short, 35% short, 50% adequate, 0% surplus. Irrigation water supplies 33% very short, 28% short, 38% adequate, 1% surplus. Winter wheat, planted for harvest next year 95%, 80% 2003, 91% avg.; 75% emerged, 49% 2003, 65% avg.; condition 9% very poor, 7% poor, 16% fair, 58% good, 10% excellent. Corn 100% dent, 100% 2003, 100% avg.; 95% mature, 99% 2003, 92% avg.; 49% harvested (grain), 64% 2003, 42% avg.; silage, harvested (silage) 100%, 100% 2003, 99% avg.; condition 1% very poor, 1% poor, 20% fair, 65% good, 13% excellent. Alfalfa hay 4th cutting 95%, 96% 2003, 91% avg. Alfalfa seed harvested 80%, 88% 2003, 80% avg. Onions 100% harvested, 100% 2003, 99% avg. Dry beans 90% harvested, 100% 2003, 98% avg. Cattle, calves moved from summer range 85%, 85% 2003, 90% avg. Cattle, calves condition 0% very poor, 2% poor, 22% fair, 66% good, 10% excellent. Sheep, lambs moved from summer range 83%, 90% 2003, 92% avg. Sheep condition 0% very poor, 3% poor, 18% fair, 76% good, 3% excellent. Stock water supplies 17% very short, 31% short, 44% adequate, 8% surplus. Apples 90% harvested, 84% 2003, 88% avg. State averaged 2.8 days suitable for field work last week. Winter seems to have arrived in the state this past week. The state experienced rain, snow, freezing temperatures. There have been some reports of flooding, some crop damage, but overall the moisture has been welcomed. Late season crop harvest has been delayed due to the precipitation, cool weather. Producers fall field work has also been delayed. Most areas need the moisture, is a very good sign for beginning a wet winter season. Range, pasture feeds showed improvement, will benefit from last weeks precipitation. Producers with animals still on summer range may have some trouble getting all of their animals off before winter really sets in for the year. Calves were being sold, some producers are reporting animals being larger than expected.

VIRGINIA: Days suitable for fieldwork 2.9. Topsoil 1% short, 77% adequate, 22% surplus. Subsoil 2% very short, 4% short, 77% adequate, 17% surplus. Drizzling rains, cool temperatures persisted throughout most of the week. Most areas experienced one inch of rain, except for the southern part of the State which experienced about two inches of rain. The average temperature for the week was normal for this time of year at 55°. The western and northern part of the state experienced the coolest temperatures this week, with nighttime lows around 32°. Several of these cooler regions reported their first frost. The weather conditions

slowed the crop harvest. Only 5% more soybeans were harvested, only 7% more corn was harvested when compared to last week. Activities Included: Marketing lambs, calves, harvesting cotton, planting small grains, and preparing for the deer hunt.

WASHINGTON: Days suitable for fieldwork 4.5. Topsoil 7% short, 89% adequate, 4% surplus. Subsoil 2% very short, 16% short, 82% adequate. Irrigation water supply 2% short, 98% adequate. The highest temperature in the state was 73° in Whitman. The lowest temperature in the state was 21° in Republic. Winter wheat condition 2% poor, 25% fair, 68% good, 5% excellent; 98% planted, 85% emerged. Potatoes 96% harvested. Corn harvested for silage 97% harvested, corn harvested for grain was 56% harvested. Dry edible beans 99% harvested. The year's first fall frosts were reported. Cooler weather started slowing winter wheat growth. Dry grain harvest in our largest corn grain county was slowed by cool temperatures, rain that fell the first part of the week. Soil fumigation for 2005 potatoes, onions were ongoing field activities. Hay, other roughage supplies 2% short, 89% adequate, 9% surplus. Range, pasture feeds 1% very poor, 14% poor, 36% fair, 49% good. Cattle were on fall pastures, calves were being weaned. Calves were either being retained, fed by producers or they were being shipped to buyers. Pumpkin farms, corn mazes continued to be busy. Raspberry fields were being pruned, tied. Apple harvest continued to wind down throughout the state. Processing carrot harvest continued.

WEST VIRGINIA: Days suitable for field work 4.0. Topsoil 12% surplus. Corn conditions 4% poor, 19% fair, 38% good, 39% excellent; 94% mature, 76% in 2003, 90% 5-yr avg.; 62% harvested, 26% 2003, 45% 5-yr avg. Soybeans conditions 1% poor, 8% fair, 38% good, 53% excellent; 46% harvested, 48% 2003, 51% 5-yr avg. Wheat conditions 19% fair, 81% good. Wheat 46% planted, 67% 2003, 62% 5-yr. avg.; 30% emerged, 45% 2003, 33% 5-yr. avg. Apple harvest 85% complete, 85% 2003, 5-yr. avg. was not available. Cattle, calves 1% poor, 13% fair, 79% good, 7% excellent. Sheep, lambs 1% poor, 8% fair, 77% good, 14% excellent. Activities Included: Harvesting corn, silage, apples, pumpkins, plowing, planting cover crops, cleaning, repairing equipment, finishing up hay, stripping tobacco, preparing calves for market and field evaluations after recent flooding.

WISCONSIN: Days suitable for fieldwork 5.1. Soil 10% very short, 20% short, 68% adequate, 2% surplus. Harvest in full swing. Weather across the state was mixed. In northern parts of the state, cool weather with frost was common. In the southern parts, warmer weather prevailed. The average temperature across the state was 3 to 4° above normal. Average low temperatures were reported in the low to upper 30's, with highs in the upper 60's to low 70's. Most parts of the state received light amounts of rain this past week, except the east central, south central received over an inch of rain. Most of the state has below average rainfall since September 1. The eastern half of the state has the most severe shortage of soil moisture. Corn silage harvesting is wrapping up across the state. In the northwestern part of the state, the quantity of corn silage is reported as good, but the quality is fair. In the east central part, quality, quantity are reported low due to the late planting, poor growing conditions. In the southwestern, south central parts, farmers are reporting good quality, quantity. Corn harvested for grain is underway with the southwestern, central parts reporting food quality, quantity. The rest of the state is reporting average yields with high moisture. Late-planted corn needs some time to dry down. Soybean harvest continues in most parts of the state, with the southwestern part reporting harvest almost complete. Good quality and yields are reported in the southern part of the state. In other parts of the state, there are reports of small ban size. In the north, harvest has slowed due to the cool, damp weather. In some cases, soybeans are being put in the silo because low yields. Fourth crop hay is also wrapping up, but dry conditions have hurt quality, quantity. Fall tillage is about normal for this time of year, but the dry subsoil moisture conditions in some areas are slowing down fall tillage. Some rain is needed to soften surface soil.

WYOMING: Days suitable for field work 4.9. Topsoil 18% very short, 38% short, 40% adequate, 4% surplus. Winter wheat 100% emerged, 2003 99%, 100% 5-yr avg.; 29% fair, 67% good, 4% excellent. Corn 74% mature, 99% 2003, 97% 5-yr avg.; 14% harvested, 71% 2003, 45% 5-yr avg.; 4% very poor, 5% poor, 15% fair, 74% good, 2% excellent. Sugarbeets 63 harvested, 76% 2003, 80% 5-yr avg.; 3% very poor, 3% poor, 19% fair, 69% good, 6% excellent. Dry beans 82% combined, 96% 2003, 97% 5-yr avg. Alfalfa 3rd cutting 87%, 94 2003%, 95 5-yr avg%. Hay supplies 12% very short, 10% short, 76% adequate, 2% surplus. Range, pasture feeds 38% very poor, 22% poor, 24% fair, 12% good, 4% excellent. Cattle moved from summer pastures 84%. Sheep moved from summer pastures 81%. Livestock in mostly good condition. Temperatures averaged mostly above normal in the south, below normal in the north. Temperatures ranged from 2.1° below normal in Evanston to 5.4° above normal in Laramie. The highest temperature was 74° in Archer, while the lowest temperature was 22° in Big Piney. Most areas received a trace or more of rain or snow with many Western areas receiving over an inch. The most precipitation fell in Jackson with 1.68 inches and Evanston with 1.55 inch.