

# Weekly Weather and Crop Bulletin State Stories

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**ALABAMA:** Days suitable for fieldwork 4.7. Topsoil 3% very short, 12% short, 75% adequate, 10% surplus. Corn 80% harvested, 81% 2002, 85% avg.; 1% very poor, 4% poor, 12% fair, 50% good, 33% excellent. Soybeans 50% dropping leaves, 65% 2002, 60% avg.; 3% harvested, 8% 2002, 10% avg.; 1% very poor, 3% poor, 9% fair, 62% good, 25% excellent. Pasture feed 2% very poor, 6% poor, 27% fair, 50% good, 15% excellent. Livestock condition 1% very poor, 5% poor, 18% fair, 49% good, 27% excellent.

**ALASKA: DATA NOT AVAILABLE:**

**ARIZONA:** Temperatures for the State were above average for the week. Cotton bolls opening was reported at 99%, behind last year's rate of 100%, ahead of the five year average of 98%. Cotton harvested was reported at 8%, behind last years 16%, the five-year average of 13%. Alfalfa conditions were mostly good to excellent, with harvest progressing at a normal rate. Precipitation was reported at 9 of the 17 reporting stations. Precipitation ranged from 0.05 inches at Safford and 1.69 inches at Tucson.

**ARKANSAS:** Days suitable for fieldwork 6.. Soil 2% very short, 22% short, 72% adequate, 4% surplus. Corn 96% Harvested, 91% 2002, 96% 5- yr avg. Soybeans 62% Yellowing, 66% 2002, 52% 5- yr avg.; 40% Shedding, 45% 2002, 51% 5- yr avg.; 27 % Matured, 29% 2002, 19% Harvested, 16% 2002, 16% 5- yr avg.; 2% very poor, 7% poor, 26% fair, 43% good, 22% excellent. Sorghum 100% Matured, 98% 2002, 98% 5- yr avg.; 86% Harvested, 88% 2002, 90% 5- yr avg.. Cotton 84% opening bolls, 93% 2002, 92% 5-yr avg.; 11% Harvested, 6% 2002, 20% 5- yr avg.; 1% very poor, 6% poor, 25% fair, 51% good, 17% excellent. Rice 73% Harvested, 68% 2002, 74% 5- yr avg.; 1% very poor, 2% poor, 20% fair, 48% good, 29% excellent. Wheat 4% Planted, 2% 2002, 2% 5- yr avg.; 1% Emerged, 0% 5- yr avg. Hay -other 0% very poor, 5% poor, 33% fair, 56% good, 6% excellent Hay - Alfalfa 0% very poor, 6% poor, 38% fair, 54% good, 2% excellent Pasture, Range 0% very poor, 7% poor, 32% fair, 54% good, 7% excellent. Fall has arrived with much cooler weather. Harvest is winding up for corn, sorghum, rice. Early cotton is being harvested in some areas. Late planted cotton, specifically in the northeastern part of the state, has yet to be defoliated. Warmer temperatures are needed to open bolls. Late soybeans are being scouted, sprayed for insects. Land preparation is being made for winter wheat.. Livestock were reported to be in good condition. Final hay harvests are underway. Producers are planting cool season forages, annuals for pastures. Spring calves are being weaned.

**CALIFORNIA:** Cotton fields continued to progress well as more bolls opened up. Defoliation began this week in early planted cotton fields in the San Joaquin Valley. Harvested grain fields were prepared for planting the next crop, used for grazing, or left fallow. Grain was planted for winter forage in a number of areas. Earlier planted fields showed good growth, were being irrigated. Some grain sorghum plants were beginning to head out. Alfalfa hay was cut, windrowed, baled, stacked. Maturing alfalfa hay fields were irrigated, treated to control insect pests. Sudan grass was being baled. Harvesting of corn for feed, human consumption continued in several locations. Fields of maturing corn were drying, being prepared for harvest. Silage corn was green chopped for dairy feed, hauled to storage facilities. Harvesting of sugar beets continued in a few locations. Blackeye beans were harvested in some areas, with good yields reported. Rice harvesting was in full swing. Discing, flooding, baling, other

measures to eliminate rice straw were taking place. Harvesting of sweet potatoes continued. Grapes were harvested across the State for raisins, table usage, wine, juice. Approximately 95% of the raisin crop has been picked, 25% was on trays drying, and about 40% of the trays were rolled. Raisin deliveries to processors were underway. Some fresh grapes were trucked to dehydrators for processing. Fruit in dried on the vine raisin vineyards was drying steadily. Table grapes picked and packed included Crimson and Thompson Seedless. Plastic covers were placed over vines in a few late season table grape vineyards to protect the fruit from potential rain damage. A number of harvested grape vineyards were irrigated, cultivated. Stone fruit harvesting was winding down, but a few orchards continued to produce an assortment of fruit. Varieties picked, packed included Prima peaches, Angeleno plums, Arctic Snow nectarines, French prunes. In some areas, over 30% of the prune crop was screened out for size. Many harvested tree fruit orchards were irrigated, cultivated. Tree fruit varieties harvested included Granny Smith apples, Foothill pomegranates, Hosui Asian pears. Harvesting of early pomegranates increased due to cooler nights, mornings, which improved external color. Hachiya persimmon trees were being staked due to the size of this year's crop. Strawberry plants continued to grow steadily, were being irrigated, weeded. A small number of Valencia oranges continued to be harvested. Olives were harvested in a few locations. Lemons, grapefruit continued to be harvested in the southern coastal areas of the State. Citrus orchards were irrigated, treated to control insect pests. Almond harvesting was complete in many locations. In areas where harvesting continued, trees were shaken, nuts were raked into windrows, picked up, hauled to processors. Walnut, pecan, pistachio orchards continued to exhibit good development. Walnut harvesting was underway throughout the State, but at a relatively slow pace. Harvesting of pistachio nuts began in parts of Tulare county. Irrigation, treatments to control insect pests were underway in nut orchards as needed. Stable weather conditions allowed the continued harvesting of fresh market, processing tomatoes, assorted peppers, asparagus, eggplant, squash, cucumbers, beans, onions. In some areas, nearly all the vegetable crops had been picked. Melon harvesting continued at a steady but reduced pace. Plantings of fall broccoli, lettuce, cabbage were developing normally. Central Valley fields continued to be prepared for the fall harvest with already planted fields being cultivated, irrigated, treated to control insect pests as needed. Fall sweet corn showed normal growth, development. Harvesting was expected to begin in two to three weeks. The following vegetables were also harvested: basil, bok choy, carrots, cauliflower, celery, green onions, long beans, bitter melon, moqua, okra, ong choy, parsley, hot peppers, spinach, yam leaves. Fall calving of beef cows continued on irrigated, non-irrigated pastures. Supplemental feeding took place on dry foothill pastures in some areas. Sheep were grazing in melon fields, harvested grain fields, in a few recently cut alfalfa hay fields in the central area. Feeder lambs continued to arrive in the Imperial Valley for the upcoming winter alfalfa grazing season. Dairy cows began moving to slaughter in the CWT dairy buyout program.

**COLORADO:** Days suitable for field work 6.9. Top soil 23% very short, 43% short, 34% adequate, 0% surplus. Subsoil 37% very short, 36% short, 27% adequate, 0% surplus. Most of state remained dry this week. The unseasonably warm, dry weather has been favorable for the development of late season row crops, but has delayed emergence of winter wheat. Sunflower 15% harvested, 12% 2002, 4% avg.; 4% very poor, 16% poor, 42% fair, 29% good, 9% excellent. Alfalfa 82% cutting 3rd, 81% 2002, 80% avg.; 26% 4th cutting, 29% 2002, 24% avg.; 2% very poor, 6% poor, 25% fair, 50% good, 17% excellent. Dry beans 89% cut, 86% 2002, 91% avg.; 56% harvested, 73% 2002, 74% avg.; 5% very

poor, 8% poor, 33% fair, 43% good, 11% excellent. Sugar beets condition 2% poor, 10% fair, 57% good, 31% excellent. Summer potatoes 87% harvested, 72% 2002, 85% avg.; 1% poor, 5% fair, 64% good, 30% excellent. Fall potatoes 40% harvested, 34% 2002, 51% avg.; 6% poor, 25% fair, 53% good, 16% excellent. Dry onions 83% harvested, 71% 2002, 77% avg.; 3% very poor, 4% poor, 14% fair, 59% good, 20% excellent

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**DELAWARE:** Days suitable for fieldwork 4.8. Topsoil 84% adequate, 16% surplus. Subsoil 86% adequate and 14% surplus. Corn 5% very poor, 10% poor, 46% fair, 31% good, 8% excellent; 91% mature, 95% 2002, 82% avg.; 38% harvested for grain, 56% 2002, 41% avg. Soybean condition 6% poor, 17% fair, 45% good, 32% excellent; 31% turning color, 57% 2002, 48% avg.; 4% dropping leaves, 32% 2002, 25% avg. Sorghum 4% poor, 23% fair, 41% good, 32% excellent; 72% coloring, 73% 2002, 72% avg.; 37% mature, 51% 2002, 37% avg.; 10% harvested, 16% 2002, 6% avg. Barley 5% planted, 10% 2002, 5% avg. Rye 5% planted, 4% avg. Pasture feed 4% poor, 8% fair, 69% good, 19% excellent. Other hay 4th cutting 29%, 28% 2002, 42% avg. Alfalfa hay 4th cutting 48%, 58% 2002, 68% avg. Lima beans (processed) harvested 52%, 57% 2002, 60% avg. Corn silage 59% harvested, 89% 2002, 83% avg. Hay supplies 14% very short, 24% short, 53% adequate, 9% surplus. Corn harvest increased last week to 38% 18% behind last year, 3% behind the five-year average. Soybeans are turning color fast, will be ready for harvest in three to four weeks. Sorghum fields are turning color, some are being harvested for grain. Small grains are beginning to be seeded, especially barley, rye. Farmers are on their fourth cutting of other, alfalfa hay. Lima bean harvest continues with over 50% harvested.

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**FLORIDA:** Topsoil 1% very short, 6% short, 76% adequate, 17% surplus. Subsoil 5% short, 75% adequate, 20% surplus. Topsoil, subsoil moisture supplies improved. Temperature average: normal to 2° above, major cities. Daytime highs: mostly 80s; nearly all localities recorded at least one high in 90s. Nighttime lows: 60s, 70s. Rainfall range: about 0.50 Pierson to about 3.00 in. or more Ona, Jacksonville, Citra; most reports 1.00 to 1.50 in. Producers welcomed wetter weather; rains bringing relief to some crops stressed by dry conditions. A few localities, southwestern Peninsula, reported surplus soil moisture. Soil moisture rated short to very short for small areas in southeastern Peninsula, northern Peninsula, eastern Panhandle. Peanut 1% very poor, 1% poor, 13% fair, 65% good, 20% excellent; 45%; harvested, 33% 2002, 38% 5-yr avg. Rains interrupted some hay baling all areas, some peanut digging most areas of Panhandle, northern Peninsula. Most peanut harvesting on schedule. Peanut acreage rated very poor to fair reflects amount of moisture received during year; wettest fields very poor. Peanut yields good from well drained acreage; poor in those localities receiving abundant rains earlier. Cotton picking active; progress to rapidly increase by early to mid-October. Winter vegetable planting, okra harvesting active, Dade County; recent rainfall delaying some progress. Cabbage, winter crop vegetable planting continues, St. John's County; growers cutting in cover crops, cleaning drainage ditches. Tomato picking getting underway, Quincy. Vegetable planting active, southern Peninsula; rains interrupting some progress. Humid weather with moderate to heavy rainfall returned in coastal, interior citrus areas; growers maintaining middles, ditches to keep water moving; mowing, discing to control cover crops; spraying between rains; majority of trees in excellent condition with good fruit sizes reported. About 15 packing houses open, packing early oranges, grapefruit, tangerines. Pasture feed 5% poor, 25% fair, 60% good, 10% excellent. Cattle condition 15% fair, 75% good, 10% excellent. Panhandle, north: land preparation underway for planting cool season forage production. Haying active. Big Bend pasture feed fair due to soil moisture shortage. Southwest: range condition mostly good. Statewide: cattle condition mostly good.

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**GEORGIA:** Days suitable for field work 5.7. Soil 3% very short, 31% short, 62% adequate, 4% surplus. Hay 1% very poor, 8% poor, 38% fair, 47% good, 6% excellent. Peanuts 39% dug, 38% 2002, 43% avg. Rye 17% planted, 12% 2002, 13% avg. Sorghum 1% very poor, 2% poor, 31% fair, 50% good, 16% excellent; 56% harvested for grain, 47% 2002, 48% avg. Other small grains 10% planted, 8% 2002, 8% avg. Apples 7% poor, 25% fair, 54% good, 14% excellent; 47% harvested, 54% 2002, 57% avg. Pecans 2% very poor, 14% poor, 33% fair, 45% good, 6% excellent. Parts of the State received as much as three inches of needed rains last week. Rains improved soil moisture, crop conditions. Hay

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continued to be harvested. Cattlemen began feeding more hay due to declining pasture feeds. Corn, grape harvest neared completion. Soybeans appeared in good condition. Growers sprayed squash plants to prevent mosaic virus, silverleaf. Some commercial strawberries were planted. Farmers prepared for winter grazing, small grain planting. Peanuts continued to be dug, harvested. Peanut yields, grades ranged from good to excellent

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**HAWAII:** A storm system north of the State disrupted normal trade winds, brought southerly winds, high temperatures, humidity, vog to all islands. Banana harvest remained active. Papaya orchards were in fair to good condition with active harvest. Vegetable crops remained in mostly fair to good condition.

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**IDAHO:** Days suitable for fieldwork 6.90. Topsoil 31% very short, 47% short, 22% adequate. Temperatures ranging from 4 to 9° above normal returned to the Gem state this past week. The warm weather has allowed for a steady harvest progress throughout the state. Irrigation Water Supply is 21% very poor, 22% poor, 36% fair, 20% good, 1% excellent. Potato Vines Dying/Killed 98%, 95% 2002, 93% avg.; 31% Harvested, 28% 2002, 28% avg.; 0% very poor, 3% poor, 17% fair, 72% good, 8% excellent. Peaches 100% Harvested, 96% 2002, 94% avg. Prunes, Plums Harvested 100%, 95% 2002, 84% avg. Apples 23% Harvested, 23% 2002, 24% avg. Alfalfa Hay 3<sup>rd</sup> Cutting Harvested 90%, 89% 2002, 88% avg.; 4<sup>th</sup> Cutting Harvested 65%, 53% 2002, 47% avg. Dry Beans 86% Harvested, 88% 2002, 83% avg. Onions 81%, Harvested 77% 2002, 57% avg. Field Corn Harvested for Silage 83%, 53% 2002, 54% avg.; 3% Harvested for Grain, 0% 2002, 3% avg. Sugarbeets 6% Harvested, 6% 2002, 9% avg. Activities: Irrigating, caring of livestock, harvesting hay, peaches, prunes, plums, apples, dry beans, corn for silage, grain, potatoes, onions, sugarbeets, winter wheat seeding

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**ILLINOIS:** Days suitable for fieldwork 5.1. Topsoil 7% very short, 19% short, 68% adequate, 6% surplus. Soybeans 92% Turning Yellow, 93% 2002, 95% avg. Rain showers scattered across the state last week caused minor harvest delays with the exception of eastern state where heavy rains washed out the final two days of the 50<sup>th</sup> annual Farm Progress Show. The first day of the show opened on a picture perfect autumn day, welcomed a phenomenal number of visitors from around the globe. Harvest continued after the brief showers were allowed to dry off in most areas. April planted corn was being harvested with most May planted corn still holding moisture levels above the mid twenties. Poor stalk quality in some corn fields have farmers scouting their fields to find which ones to harvest first. Farmers were quickly switching their attention to harvesting soybeans last week as many fields were getting mature enough. Corn yields continue to surprise farmers while soybean yields are reported as "disappointing". Wheat seeding, preparations for wheat seeding were occurring last week as soon as the soybean crop was hauled away. Concerns of high natural gas prices have many farmers holding off drying corn, trying to lock in an anhydrous price before any further price hikes.

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**INDIANA:** Days suitable for fieldwork 3.8. Topsoil 7% short, 71% adequate, 22% surplus. Subsoil 5% very short, 11% short, 71% adequate, 13% surplus. Field activities slowed by rain, wet soil conditions. Precipitation heavy in some areas. Ponding in low lying areas of fields, along some river bottoms again. Corn, soybean harvest advanced in fields dry enough to support heavy equipment. Minimal harvest during the weekend. Many corn, soybean fields are mature, ready for harvest. Chopping of corn for silage, seed corn harvest continued. Corn 62% good to excellent, 27% year ago. Soybean fields turning color, plants rapidly dropping leaves. Soybean 54% good to excellent, 31% a year ago. Alfalfa Fourth cutting of underway on some farms. Temperatures averaged from 0 to 7° below normal for the week. Precipitation averaged 0.93 to 4.22 inches. Soybeans 42% mature, 48% 2002, 67% avg. Third cutting of alfalfa hay is virtually complete. Tobacco harvest 85% complete, 86% 2002, 90% avg. Pastures improved, helped from rain last week. Pastures 4% very poor, 7% poor, 27% fair, 54% good, 8% excellent. Livestock are in mostly good condition. Activities: Mowing, baling hay, spreading fertilizer, lime, tilling soils, chopping stalks, moving grain to market, hauling manure, cleaning out grain bins, preparing equipment for harvest, taking care of livestock.

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**IOWA:** Days suitable for fieldwork 5.7. Topsoil 26% very short, 38% short, 35% adequate, 1% surplus across state. Subsoil 44% very short, 39% short, 17% adequate, 0% surplus. Field Activity: Harvest of corn, soybeans, final cutting of hay, fall tillage. Harvest was delayed in some areas due to wet corn. Rain received in the past two weeks did green-up pastures throughout the state, but supplemental feeding of hay continued. Corn acreage in mature stage 91%, behind last year's progress of 93%, slightly behind the 5-year average of 92% mature stage, 10% acreage harvested for grain or seed was, slightly ahead of last year's progress of 9% but four days behind the 5-year average of 14% harvested. 25% moisture, 20% harvested, 62% none lodging, 27% light, 9% moderate, 2% heavy, 69% ear droppage none, 26% light, 5% moderate, 0% heavy, 7% very poor, 15% poor, 38% fair, 33% good, 7% excellent. Soybean acreage with leaves turning color was 98%, 89% acreage dropping leaves, slightly behind last year's progress of 91% but three days ahead of the 5-year average of 82% dropping leaves. Soybean acreage 20% harvested, ahead of last year's progress of 14% but equivalent to the 5-year average of 20% harvested, 76% lodging none, 19% light, 4% moderate, 1% heavy, 78% shattering none, 20% light, 2% moderate, 0 percent heavy, 14% very poor, 29% poor, 41% fair, 15% good, 1% excellent. Livestock, Pasture, Range Report: Cattle producers have been weaning calves, with reports of producers selling calves right away due to favorable prices. Some cows have been let out to feed on corn stalks. Pasture, range feed 31% very poor, 30% poor, 29% fair, 9% good, 1% excellent

**KANSAS:** Days suitable for fieldwork 6.1. Topsoil 12% very short, 26% short, 59% adequate, 3% surplus. Subsoil 29% very short, 31% short, 40% adequate. Sunflowers 97% ray flowers dry, 97% 2002, 98% avg.; bracts yellow 91%, 91% 2002, 91% avg.; mature 48%, 53% 2002, 58% avg.; harvested 16%, 18% 2002, 24% avg. Sunflower condition 13% very poor, 21% poor, 37% fair, 25% good, 4% excellent. Alfalfa 4th cutting 64%, 68% 2002, 80% avg. Cotton 43% bolls opening.; 1% very poor, 9% poor, 36% fair, 50% good, 4% excellent. Harvest of row crops, the seeding of wheat were the major activities. Pasture feed 27% very poor, 28% poor, 34% fair, 11% good. Hay, forage supplies 6% very short, 19% short, 72% adequate, 3% surplus.

**KENTUCKY:** Days suitable for fieldwork 4.5. Topsoil 5% short, 82% adequate, 13% surplus. Subsoil 8% short, 80% adequate, 12% surplus. Rainfall statewide was 2.49 inches which was 1.68 inches above average. The western part of the State received the least rain, overall it only slightly slowed corn harvesting progress in state. Burley tobacco cut 82%, 93% 2002, 94% avg. Dark tobacco cut 88%, 93% 2002, 94% avg. Tobacco in the barn condition 3% very poor, 12% poor, 33% fair, 35% good, 17% excellent. Reports of above average yield along with good quality corn continued as corn was harvested last week. Activities: Cutting, housing tobacco, harvesting corn, soybeans, seeding winter grains

**LOUISIANA:** Days suitable for fieldwork 5.2. Soil 2% very short, 11% short, 75% adequate, 12% surplus. Corn 100% harvested, 99% last week, 100% 2002, 99% avg. Hay 99% 2nd cutting, 99% last week, 94% 2002, 91% avg. Soybeans 84% turning color, 74% last week, 74% 2002, 91% avg. Soybean farmers continued spraying for stinkbugs. Sugarcane 7% poor, 27% fair, 39% good, 27% excellent; 96% planted 93% last week, 95% 2002, 86% avg. Sugarcane planting continued, harvesting was well underway in most area. Sweet potatoes 47% harvested, 37% last week, 41% 2002, 43% avg. Wheat producers began preparing fields. Livestock 3% poor, 29% fair, 54% good, 14% excellent. Vegetables 5% very poor, 15% poor, 49% fair, 29% good, 2% excellent

**MARYLAND:** Days suitable for fieldwork 3.9. Topsoil 59% adequate, 41% surplus. Subsoil 59% adequate, and 41% surplus. Corn 10% very poor, 17% poor, 23% fair, 36% good, 14% excellent; 75% mature, 94% 2002, 84% avg.; 20% harvested for grain, 63% 2002, 40% avg.; 58% silage harvested, 95% 2002, 81% avg. Soybean condition 7% very poor, 18% poor, 25% fair, 32% good, 18% excellent; 33% turning color, 81% 2002, 61% avg.; 7% dropping leaves, 50% 2002, 33% avg. Sorghum condition 18% very poor, 9% poor, 38% fair, 23% good, 12% excellent; 72% coloring, 72% 2002, 80% avg.; 29% mature, 40% 2002, 39% avg. Tobacco 80% harvested, 99% 2002, 96% avg. Lima Beans (processed) harvested 79%, 64% 2002, 81% avg. Other Hay 4th cutting 26%, 31% 2002, 51% avg. Alfalfa Hay 4th cutting 30%, 70% 2002, 68% avg. Apples 35% harvested, 63% 2002, 46% avg. Pasture feed 2% very poor, 5%

poor, 23% fair, 47% good, 23% excellent. Hay supplies 22% very short, 27% short, 51% adequate. Corn for both grain, silage increased this week. Lodging in corn is prevalent in many counties from Hurricane Isabel. Many soybean fields are turning color, will be ready for harvest in three to four weeks. Sorghum fields are turning color fast, over 25% mature. Small grains are being seeded, especially barley, rye. Tobacco is making good progress with 80% harvested. Farmers are on their fourth cutting of other, alfalfa hay.

**MICHIGAN:** Days suitable for fieldwork 4.0. Topsoil 7.0% very short, 21% short, 65% adequate, 7.0% surplus. Subsoil 21% very short, 44% short, 34% adequate, 1.0% surplus. All hay 3rd cutting 88%, 89% 2002, 88% avg.; 4th cutting 12%, 27% 2002, 35% avg. Corn 88% dent, 97% 2002, 94% avg. Dry beans leaves dropping 100%, 98% 2002, 88% avg.; 67% harvested, 68% 2002, 60% avg. Silage 69% harvested, 83% 2002, 77% avg. Soybeans 97% leaves turning, 97% 2002, 94% avg. Sugarbeets 2.0% harvested, 4.0% 2002, 22% avg. For first time many weeks, fieldwork hampered by wet conditions. Temperatures ranged from 1° below normal west central, central Lower Peninsula to 4° below normal southwest, south central Lower Peninsula. Precipitation amounts ranged from 1.04 inches western Upper Peninsula to 2.55 inches eastern Upper Peninsula. Numerous stations Lower Peninsula reported over two inches of rain. The showers helped replenish soil moisture. Although rains came a little too late to help this season's crops, growers still grateful for moisture. Scattered showers around State too late for those corn, soybean fields which are mature. Sugarbeet, soybean harvest underway some areas of State. Corn for silage harvest near completion. Hay for silage is near completion. Rain may help some farmers get a decent third cutting of hay. Winter wheat planting active, plants began to emerge. Dry beans being harvested. Apple harvest continued. Golden Delicious apples harvested for processing southwest. McIntosh harvest finishing up southeast, underway northwest. Peach harvest complete. Niagara grape harvest almost complete. Wine grape harvest continued northwest. Harvest of many summer vegetable crops completed across much of State. Cool weather has slowed disease problems in remaining crops, rainfall has helped replenish soil moisture. In northwest, harvest completed. Potato harvest full swing. Celery harvest continued southeast with over 80% of crop harvested. Farmers that district also continued to harvest a few tomatoes, peppers. In southwest, growers still harvesting tomatoes.

**MINNESOTA:** Days suitable for fieldwork 5.7. Topsoil 15% very short, 39% short, 44% adequate, 2% surplus. Corn 98% cut for silage, 87% 2002, 91% avg.; 24% moisture. Soybeans 84% mature, 77% 2002, 73% avg.; 13% moisture. Potatoes 60% harvested, 55% 2002, 52% avg. Dry beans 73% harvested, 61% 2002, 65% avg. Sunflowers 2% harvested, 1% 2002, 3% avg. Sugarbeets 11% harvested, 8% 2002, 12% avg. Pasture feed 21% very poor, 34% poor, 33% fair, 12% good, 0% excellent. Sugarbeets 2% very poor, 10% poor, 38% fair, 35% good, 15% excellent. Sunflowers 2% very poor, 8% poor, 33% fair, 54% good, 3% excellent. Crop harvest activities are well underway, ahead of last year, the five year average. The statewide average temperature for the week was 49.5 degrees, which is 5.2 degrees below normal.

**MISSISSIPPI:** Days suitable for fieldwork 5.4. Soil 11% short, 80% adequate, 9% surplus. Corn 96% harvested, 95% 2002, 96% avg. Cotton 90% open bolls, 95% 2002, 98% avg.; 30% harvested, 20% 2002, 35% avg.; 3% very poor, 7% poor, 17% fair, 51% good, 22% excellent. Rice 99% mature, 99% 2002, 97% avg.; 75% harvested, 72% 2002, 74% avg. Sorghum 98% harvested, 98% 2002, 97% avg. Soybeans 95% turning color, 93% 2002, 95% avg.; 86% shedding leaves, 83% 2002, 85% avg.; 65% harvested, 49% 2002, 52% avg. Wheat 22% planted, 12% 2002, 8% avg.; 9% emerged, 0% 2002, 2% avg. Hay 98% harvested (warm season), 98% 2002, 95% avg. Sweetpotatoes 45% harvested, 40% 2002, 46% avg.; 11% poor, 29% fair, 25% good, 35% excellent. Cattle 3% poor, 34% fair, 54% good, 19% excellent. Pasture 6% poor, 28% fair, 55% good, 11% excellent. Initial rain showers slowed crop harvest Statewide early in the week. As the week progressed, improved climate conditions gave way to continued harvest for all row crops across the State.

**MISSOURI:** Days suitable for fieldwork 5.3. Topsoil 4% very short, 14% short, 77% adequate, 5% surplus. Harvesting of corn, rice is progressing similar to the historic trend, while soybeans, sorghum, cotton are several days behind the normal harvest pace. Light showers caused

some interruption of harvesting in many areas. Corn ranges from 77% mature in the northeast district to 90% or more mature in all other districts. Corn harvest varies from 30% northeast district to 85% west-central and southwest, 93% southeast. Reporters are concerned that harvesting not be delayed in some of the fields that have weak stocks that were hurt by the drought, might be more susceptible to harvest loss. Soybean harvesting is just getting started in most areas. Cool weather, plentiful moisture have slowed defoliation, drying of cotton, which will continue to delay harvesting. Pastures 8% very poor, 21% poor, 41% fair, 26% good, 4% excellent, as the gradual recovery of fall growth continues. Pastures remain poorest in the northwest district with 77% in poor or very poor condition, many other areas also need further growth to ensure adequate fall grazing. Rainfall averaged 0.51 inch, ranging by area from no rain reported in the northwest district to around 0.81 inch in the central, east-central districts

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**MONTANA:** Days suitable for field work 6.6. Topsoil 46% very short, 35% short, 18% adequate, 1% surplus. Subsoil 59% very short, 32% short, 8% adequate, 1% surplus. Weather conditions for the week were cooler temperatures with localized rain. Corn for silage 92% harvested. Dry bean 97% harvested. Other hay 2nd cutting of is 99% harvested. Potato 21% harvested, 0% very poor, 0% poor, 9% fair, 65% good, 26% excellent. Sugar beets 5% harvested, 0% very poor, 2% poor, 16% fair, 31% good, 51% excellent. Winter wheat Seeding 54% complete with 2% emerged. Pasture, Range feed 41% very poor, 34% poor, 20% fair, 5% good, 0% excellent. Forty-one percent of Cattle, 47% of sheep have been moved from summer ranges with 15% of cattle, 10% sheep receiving supplemental feed

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**NEBRASKA:** Days suitable for fieldwork 6.6. Topsoil 30% very short, 36% short, 33% adequate, 1% surplus. Subsoil 44% very short, 41% short, 15% adequate, 0% surplus. Temperatures averaged from normals to 8° below normals for the week. Precipitation was scattered and very light over most of the state. Dry beans 67% harvested, 57% 2002, 70% avg. Alfalfa condition 17% very poor, 20% poor, 34% fair, 25% good, 4% excellent; 4<sup>th</sup> cutting 78% harvested, 73% 2002, 65% avg. Pasture, range feed 31% very poor, 28% poor, 31% fair, 10% good, 0% excellent. Some cattle being moved to stalk fields, others given supplemental feed on pastures

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**NEVADA:** State enjoyed Indian Summer conditions with temperatures averaging 6 to 12° above normal statewide. No precipitation was recorded as major storm systems continued to miss the State. The warm, dry weather was very conducive to late season farm activities. Hay harvest continued with the fourth cutting of alfalfa underway. New alfalfa seeding was underway, as was winter wheat seeding. Potato digging was active. Onion harvest continued. Mint distilling continued. Range, pasture feed remained mostly good despite seasonal decline. Cattle marketing increased, movement to fall pastures increased. Activities: Haying, potato harvest, onion harvest, alfalfa planting, winter wheat planting, irrigating, weed control

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**NEW ENGLAND:** Days suitable for field work 5.1. Topsoil 0% very short, 6% short, 67% adequate, 27% surplus. Subsoil 1% very short, 15% short, 76% adequate, 8% surplus. Pasture feed 3% very poor, 11% poor, 37% fair, 42% good, 7% excellent. Maine Potatoes 45% harvested, 35% 2002, 45% avg.; condition good. Rhode Island Potatoes 90% harvested, 85% 2002, 80% avg. Massachusetts Potatoes 55% harvested, 65% 2002, 70% avg.; condition good/fair. Maine Oats 90% harvested, 95% 2002, 90% avg. Maine Barley 95% harvested, 95% 2002, 95% avg. Silage Corn 45% harvested, 50% 2002, 55% avg.; condition good/fair. Hay 2nd harvested 95%, 99% 2002, 95% avg.; 3rd harvested 75%, 80% 2002, 75% avg.; condition good/excellent. Sweet Corn 95% harvested, 95% 2002, 95% avg. Apples 60% harvested, 55% 2002, 60% avg.; condition good/fair. Peaches 95% harvested, 99% 2002, 99% avg. Pears 45% harvested, 50% 2002, 60% avg.; condition good/fair. Massachusetts Cranberries 10% harvested, 15% 2002, 15% avg.; condition good. Highbush Blueberries 100% harvested, 100% 2002, 100% avg. Warmer than average temperatures prevailed last week, along with heavy rain throughout much of the region. Wet conditions delayed harvest activities and field work. Still no hard frost in the region. Activities: Cutting haylage, making dry hay; harvesting potatoes, small grains, corn silage, apples, peaches, pears, cranberries, vegetables; finishing harvesting highbush blueberries; desiccating potato vines; spreading manure;

applying lime; irrigating cranberry bogs; monitoring fields; performing general farm maintenance

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**NEW JERSEY:** Days suitable for field work were 5.0. Top soil 70% adequate, 30% surplus. Temperatures were above normal across most of the state for the week. There were measurable amounts of rainfall across most of the state. Activities: Harvesting fruit, vegetables, orchard clean-up, planting cover crops, harvesting corn silage, baling hay, applying pesticide, herbicide sprays. A significant number of corn acres were reported to have been laid down by the wind, wet soils, some of those acres may not be harvestable. Leaf drop on soybean plants, filling of pods continued. Hay regrowth looked fair to good across the state, but haymaking was hampered by wet soil conditions. Vegetable disease pressure was high in most fields due to wet weather conditions. Various diseases, mildew problems, weather damage continued in pumpkin fields. Winter squash exhibited some water stains. Wind, rain damage was reported in lettuce fields. Some cracking of apples was seen because of excess moisture. Peach harvest neared completion. Available pasture continued to be plentiful.

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**NEW MEXICO:** Days suitable for field work 6.9. Topsoil 56% very short, 34% short, 10% adequate. Temperatures for the week were generally above average-by 3 to 6° across the west, by about 1 to 3° across the east where two cold frontal passages resulted in more variable temperatures. Precipitation was limited to the southwest early in the week due to the remnants of the tropical system Marty, to the east later in the work week due to the frontal passages. For most of the northern, central state dry conditions were reported. Wind damage was 13% light, 7% moderate. With the night time temperatures dropping, growth on alfalfa will be limited. Insect activity has slowed down some since the lower temperatures have set in during the night. Farmers spent the week finishing up the green chile harvest, beginning the peanut harvest, getting some last clippings from their hay fields. Alfalfa conditions 12% very poor, 11% poor, 33% fair, 39% good, 5% excellent. The 5<sup>th</sup> cutting progressed slowly, inching along but sticking with the five year average at 90% complete, while the 6<sup>th</sup> was 37% complete, the 7<sup>th</sup> cutting was 2% complete. Cotton remains in mostly fair to good condition, with 79% of the bolls opening, the harvest not too far off. Corn was reported as mostly fair to excellent, while 94% of the crop was mature which is close to last year's progress. Corn harvested for silage was 93% complete with the grain harvest 3% complete. Total sorghum conditions improved slightly but remained in mostly very poor to good, 73% was coloring. Total wheat took a big jump, 80% planted, 55% emerged. Wheat 28% very poor, 19% poor, 29% fair, 17% good, 7% excellent. Peanuts were in fair to good condition with just 4% of the crop harvested. Chile was listed as mostly fair to good with 89% of the green chile harvested, 7% of the red chile harvested. Onions 24% planted. Apples were 58% harvested, 25% very poor, 41% poor, 17% fair, 17% good. Ranchers were busy this week hauling water, shipping cattle, making decisions about winter grazing. Cattle conditions 8% very poor, 17% poor, 46% fair, 14% good, 15% excellent. Sheep conditions 16% very poor, 23% poor, 26% fair, 29% good, 6% excellent. Range, pasture feeds 48% very poor, 31% poor, 20% fair, 1% good.

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**NEW YORK:** Days suitable for fieldwork 4.5. Topsoil 1% very short, 5% short, 65% adequate, 29% surplus. Pasture feed 1% very poor, 5% poor, 23% fair, 54% good, 17% excellent. Corn 5% poor, 12% fair, 44% good, 39% excellent. Soybeans 1% poor, 11% fair, 61% good, 27% excellent. Alfalfa 3rd cutting 86% complete, 95% 2002. Silage corn 36% harvested, 59% 2002. Grain corn harvest just underway. Potato digging reached 67% complete, 68% 2002. Oats for grain 99% harvested, 100% 2002. Soybeans 30% harvested, 32% 2002. Dry beans 16% harvested, 10% 2002. Grapes 13% harvested, apples 39%, peaches 93%, pears 89%. Low sugar levels in Concord grapes delayed harvest. Vegetable harvest continued very active. Pumpkins began moving to the local markets.

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**NORTH CAROLINA:** Days suitable for field work 4.7. Soil 0% very short, 6% short, 74% adequate, 20% surplus. Much of the state, especially the western counties, received substantial rainfall during the week. The northeastern counties are still recovering from Hurricane Isabel. The hurricane caused considerable damage to crops still in the field. Soybeans, cotton, vegetable crops suffered the most losses. Small grain planting continued along with second, third hay cutting. Both burley,

flued-cured tobacco harvests are nearing completion. Peanut harvest is beginning in a few areas. Activities: Moving cattle to fall pastures, defoliating cotton, scouting for insects, disease, general farm maintenance in preparation for seasonal changes.

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**NORTH DAKOTA:** Days suitable for fieldwork 6.0. Topsoil 20% very short, 39% short, 40% adequate, 1% surplus. Subsoil 32% very short, 40% short, 28% adequate, 0% surplus. Producers made good progress harvesting soybeans across the state last week. Corn for silage 93% chopped, 72% 2002, 71% avg. Eighty-nine percent of the dry edible beans were cut, beyond, 83% 2002, 83% avg. 76% harvested, 58% 2002, 67% avg. Eighty-nine percent of the potatoes had vines killed, beyond, 96% 2002, 95% avg. 57% dug, 53% 2002, 61% avg. Eleven percent of the sugarbeets were lifted, 7% 2002, 12% avg. Seventy-seven percent of the sunflowers had bracts brown and beyond, 66% 2002, 70% avg. 3% harvested, 1% 2002, 2% avg. Sugarbeets 0% very poor, 5% poor, 23% fair, 67% good, 5% excellent. Sunflower 5% very poor, 16% poor, 33% fair, 40% good, 6% excellent. Stockwater supplies 18% very short, 31% short, 51% adequate, 0% surplus. Pasture, range feeds 22% very poor, 36% poor, 30% fair, 12% good, 0% excellent.

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**OHIO:** Days suitable for fieldwork 3.9. Topsoil 0% very short, 1% short, 79% adequate, 20% surplus. Alfalfa hay 4th cutting complete, 57%, 57% 2002, 65% avg. Apples harvested fall, winter 46%, 41% 2002, 46% avg. Corn 93% dented, 92% 2002, 97% avg.; 35% mature, 49% 2002, 62% avg.; 3% harvested for grain, 7% 2002, 9% avg.; 66% silage harvested, 82% 2002, 74% avg. Grapes 38% harvested, 58% 2002, 58% avg. Other hay 3rd cutting complete 80%, 82% 2002, 85% avg. Potatoes 85% harvested, 76% 2002, 82% avg. Processing tomatoes 79% harvested, 91% 2002, 88% avg. Soybeans 74% dropping leaves. 87% 2002, 89% avg.; 30% mature, 50% 2002, 57% avg.; 6% harvested, 13% 2002, 18% avg. Winter wheat 3% planted, 8% 2002, 8% avg. Corn conditions 2% very poor, 5% poor, 23% fair, 48% good, 22% excellent. Hay conditions 2% very poor, 6% poor, 27% fair, 49% good, 16% excellent. Pasture feeds 1% very poor, 4% poor, 19% fair, 53% good, 23% excellent. Soybean conditions 2% very poor, 7% poor, 28% fair, 47% good, 16% excellent. Wet weather continues to reduce field work as the month of September nears its end. In drier locations, farmers planted winter wheat, harvested corn, soybeans, and baled hay. Vegetable producers harvested squash, sweet corn, pumpkins, cabbage, tomatoes, while fruit growers harvested fall apples. Livestock owners weaned, vaccinated feeder cattle, dairy producers chopped silage.

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**OKLAHOMA:** Days suitable for fieldwork 6.0 Topsoil 6% very short, 32% short, 61% adequate, 1% surplus. Subsoil 15% very short, 38% short, 47% adequate, 0% surplus. Wheat 91% seedbed prepared, 87% last week, 90% 2002, 87% avg. Rye 94% seedbed prepared, 91% last week, 89% 2002, 83% avg.; 71% planted, 50% last week, 68% 2002, 45% avg.; 40% emerged, 21% last week, 39% 2002, 21% avg. Oats 71% seedbed prepared, 66% last week, 79% 2002, 75% avg.; 32% planted, 20% last week, 28% 2002, 17% avg.; 10% emerged, n/a last week, 16% 2002, 5% avg. Corn 2% poor, 19% fair, 31% good, 48% excellent; 93% mature, 88% last week, 99% 2002, 98% avg.; 70% harvested, 58% last week, 58% 2002, 76% avg. Soybeans 8% very poor, 18% poor, 37% fair, 32% good, 5% excellent; 59% mature, 52% last week, 59% 2002, 64% avg.; 27% harvested, 21% last week, 30% 2002, 36% avg. Peanuts 80% mature, 68% last week, 60% 2002, 49% avg.; 7% dug, 3% last week, 17% 2002, 10% avg. Alfalfa Hay 3% very poor, 12% poor, 48% fair, 31% good, 6% excellent; 84% 4<sup>th</sup> cutting, 78% last week, 93% 2002, 73% avg.; 31% 5<sup>th</sup> cutting, 25% last week, 44% 2002, 27% avg. Other Hay 6% very poor, 22% poor, 42% fair, 28% good, 2% excellent; 79% 2<sup>nd</sup> cutting, 76% last week, 88% 2002, 66% avg. Livestock 4% poor, 27% fair, 54% good, 15% excellent. Pasture, Range 5% very poor, 18% poor, 40% fair, 33% good, 4% excellent. Livestock conditions were rated mostly fair to good. Livestock insect activities were rated as light to moderate. Cattle auctions reported a decrease in marketings of steers less than 800 pounds for the week. Marketings of heifers less than 800 pounds were up from last week. The price for feeder steers less than 800 pounds decreased from last week, averaged \$102.31 per cwt. The average price for feeder heifers less than 800 pounds increased from last week, averaged \$96.81 per cwt

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**OREGON:** Days suitable for fieldwork: 7.0. Topsoil 25% very short, 60% short, 15% adequate. Subsoil 37% very short, 45% short, 18%

adequate. Winter wheat 26% planted, 14% previous week, 12% 2002, 13% 5- yr avg.; 8% emerged, 2% 2002, 2% 5- yr avg. Range, Pasture: 10% very poor, 28% poor, 47% fair, 14% good, 1% excellent. Activities: Cooler conditions of previous two weeks replaced once again by hot temperatures. Rainfall across State very sparse. Daytime temperatures generally unseasonably warm, with highs in upper nineties in several areas, but nighttime temperatures stayed cooler with fall season approaching. Crop year moisture in Sherman County finished at just over 80% of normal; fifth consecutive year below average. Some smoke from fires burning in California noticed in Josephine County. Medford, Corvallis both recorded high temperatures of 100° or more. Medford also recorded 165 growing degree days, largest number for week. Fall fieldwork continued across State. In Baker County, third cutting of alfalfa continued with alfalfa season ending in Wasco County. Wheat seeding underway in most of Eastern state, with some dusting & spotty emergence in early planted fields. In Willamette Valley, fall seedbed preparations, seeding continued for grain, seed crops. Some haying, fieldwork, wheat planting ongoing in Jackson County. Most spring wheat fields harvested in Washington County. Potato harvest just starting in Baker County. In western areas of State, pumpkins, squash, other fall vegetables showing up in markets, pumpkin patches being prepared for U-Pick season. Still a good crop of corn, cabbage, broccoli, garlic, potatoes, salad vegetables available. Onion harvest nearly complete in Lane County. Main nursery activities continued to be irrigation along with rotation of plants in containers. Some nurseries balling shrubs, trees for fall shipment to out of State markets. Easter lily growers harvesting bulbs, planting bulbs for next year. Christmas tree growers making plans, looking forward to harvest. Wine grape harvest underway in southern state, in many parts of Willamette Valley. Hazelnuts beginning to fall throughout Willamette Valley. Apple harvest continued in Willamette Valley, Wasco County, began in parts of southern state. Winter pear harvest winding down in lower Hook River Valley; growers started applying post harvest sulfur sprays. Picking continued in mid valley, underway in Parkdale. Asian pears harvested in Lane County; Comice, d'Anjou harvested in Jackson County. Unseasonably warm temperatures reduced benefits of precipitation from previous week. Pasture regrowth remains minimal across State; prolonged precipitation needed. Ranchers busy with fall weaning of calves, rounding up cattle, providing supplemental feed. Harney County reported that good beef prices encouraged early sales

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**PENNSYLVANIA:** Days suitable for field work 3.0. Soil 44% adequate, 56% surplus. Fall plowing 22% complete, 48% 2002, 43% avg. Corn 93% dough, 97% 2002, 98% avg.; 73% dent, 92% 2002, 86% avg.; 26% mature, 67% 2002, 49% avg.; 5% harvested, 36% 2002, 16% avg.; 41% silage harvested, 87% 2002, 71% avg.; 5% very poor, 9% poor, 17% fair, 51% good, 18% excellent. Barley 24% planted, 52% 2002, 39% avg.; 8% emerged, 27% 2002, 18% avg. Winter wheat 10% planted, 24% 2002, 16% avg.; 6% emerged, 14% 2002, 7% avg. Soybean 1% very poor, 3% poor, 11% fair, 57% good, 28% excellent. Potatoes 68% harvested, 73% 2002, 64% avg. Alfalfa 3rd cutting complete 91%, 96% 2002, 91% avg.; 4th cutting complete 40%, 60% 2002, 60% avg. Timothy clover 2nd cutting 86% complete, 94% 2002, 93% avg. Peaches 100% harvested, 100% 2002, 100% avg. Apple crop condition 25% fair, 70% good, 5% excellent; 48% harvested complete, 46% 2002, 47% avg. Grapes 12% harvested complete, 46% 2002, 42% avg. Quality of hay made 15% very poor, 14% poor, 36% fair, 28% good, 7% excellent. Pasture feeds 1% very poor, 5% poor, 11% fair, 65% good, 18% excellent. Activities: Making hay; harvesting corn silage; spreading manure, lime, fertilizer; caring for livestock; harvesting, processing, canning/freezing fruit, vegetables; cleaning, picking up after Isabel.

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**SOUTH CAROLINA:** Days suitable for field work 6.0. Soil 3% very short, 29% short, 67% adequate, 1% surplus. Corn 92% harvested, 97% 2002, 94% avg.; 1% poor, 35% fair, 48% good, 16% excellent. Soybeans 98% pods set, 94% 2002, 97% avg.; 35% turning color, 33% 2002, 31% avg.; 12% leaves dropped, 17% 2002, 13% avg.; 3% mature, 10% 2002, 7% avg.; 4% poor, 18% fair, 63% good, 15% excellent. Sorghum 99% turned color, 99% 2002, 99% avg.; 78% matured, 84% 2002, 77% avg.; 46% harvested, 74% 2002, 56% avg.; 24% fair, 63% good, 13% excellent. Cotton 47% bolls opened, 68% 2002, 75% avg.; 1% harvested, 12% 2002, 14% avg.; 2% poor, 25% fair, 71% good, 2% excellent. Peanuts 25% harvested, 20% 2002, 20% avg.; 4% poor, 14% fair, 78% good, 4% excellent. Winter Wheat 15% planted, 15% 2002, 11% avg. Barley 10% planted, 11% 2002, 9% avg. Pastures 9% poor, 17% fair, 66% good, 8% excellent. Rye 10% planted, 9% 2002, 12% avg. Oats

10% planted, 13% 2002, 10% avg. Sweetpotatoes 36% harvested, 35% 2002, 33% avg.; 10% very poor, 39% poor, 39% fair, 12% good. Tobacco 100% harvested, 99% 2002, 99% avg.; 87% stalks destroyed, 80% 2002, 82% avg. Other Hay 100% harvested, 100% 2002, 100% avg. Apples 65% harvested, 59% 2002, 59% avg.; 1% poor, 32% fair, 67% good. Livestock 12% fair, 74% good, 14% excellent. Pecans 5% harvested, 4% 2002, 6% avg.; 40% fair, 50% good, 10% excellent. Winter grazings 26% planted, 29% 2002, 28% avg.

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**SOUTH DAKOTA:** Days suitable for fieldwork 6.3. Topsoil 29% very short, 37% short, 33% adequate, 1% surplus. Subsoil 42% very short, 33% short, 25% adequate. Feed supplies 7% very short, 29% short, 61% adequate, 3% surplus. Stock water supplies 34% very short, 29% short, 36% adequate, 1% surplus. Winter Wheat 66% seeded, 66% 2002, 65% avg.; 81% Rye seeded, 71% 2002, 71% avg.; 18% Rye emerged, 37% 2002, 34% avg. Sunflower 26% very poor, 23% poor, 27% fair, 23% good, 1% excellent; 96% ray flowers dry, 99% 2002, 98% avg.; r 83% bracts yellow, 89% 2002, 89% avg.; 54% mature, 48% 2002, 57% avg.; 13% harvested, 11% 2002, 13% avg.; 72% mature, 70% 2002, 67% avg. Sorghum 16% harvested-grain, 14% 2002, 15% avg. Cattle condition 1% very poor, 4% poor, 23% fair, 61% good, 11% excellent. Sheep condition 3% poor, 19% fair, 64% good, 14% excellent. Range, Pasture 20% very poor, 38% poor, 25% fair, 16% good, 1% excellent. Corn silage 93% harvested, 90% 2002, 89% avg. Sorghum silage 90% harvested, 75% 2002, 61% avg. Alfalfa hay 14% very poor, 27% poor, 32% fair, 24% good, 3% excellent; 3<sup>rd</sup> cutting harvested 89%, 78% 2002, 82% avg. Below normal temperatures were common again last week. With cool temperatures, trace amounts of precipitation received across the state, winter wheat emergence was slow, with significant advancement of row crops to the mature stage. Activities: Row crop harvest, winter wheat seeding, cutting silage, weaning cattle, caring for livestock.

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**TENNESSEE:** Days suitable for fieldwork 5.0. Topsoil 6% short, 86% adequate, 8% surplus. Subsoil 9% short, 84% adequate, 7% surplus. Pastures 1% very poor, 4% poor, 19% fair, 60% good, 16% excellent. Cattle 2% poor, 18% fair, 63% good, 17% excellent. Burley 90% harvest, 86% 2002, 90% avg.; 6% stripped, 8% 2002, 7% avg. Dark-air cured 95% harvest, 95% 2002, 96% avg. Dark-fired cured 88% harvest, 91% 2002, 93% avg. A cold front moved through the state early last week bringing cooler temperatures, scattered showers, helping improve soybean, pasture feeds. Harvest of the state's fall crops, spraying defoliants to cotton were the main activities during the week. Corn, cotton producers made good harvest progress, but the pace continued to lag behind both the previous year, 5-year average. Some farmers that have completed corn harvest are now preparing fields for planting wheat. Soybeans continued to drop leaves, as Group 3 and 4 varieties reached maturity. Harvest slightly advanced on the State's single crop soybeans. Tobacco harvest neared completion, while burley stripping started on a limited basis.

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**TEXAS:** Agricultural Summary: Weather conditions were cooler, drier throughout the first part of the week. By mid-week a warm front brought warmer temperatures to many parts of the state, but by the end of the week a cold front brought some rain showers, cooler temperatures in the Plains. Other locations receiving moisture during the week included areas of East state, North Central, West state, South Central, the Coastal Bend. Rainfall in these areas continues to improved topsoil moisture for the remaining row crops, small grains, pastures. Some areas were still drying out from previous rains, were getting further behind in harvesting, other field activities. In other areas, moisture was still needed to improve conditions. Harvest activities continue to move ahead in drier areas. Land preparation, fall planting continued where possible. With improved conditions, more hay producers expect to achieve one more cutting of late season hay. Supplemental feeding remained necessary in some areas. Body condition scores on cattle remained good. Pasture, range feeds were improving where rains have fallen. Some insect populations were active in various locations, were causing some damage. Producers were also preparing for deer hunting season. Small Grains: Land preparation, planting wheat, oats, ryegrass continue. In the Plains some wheat was being planted behind corn to try, make up for lost cotton acres. Rain late in the week halted field preparation in some areas. However, emergence of earlier planted fields made good progress where moisture conditions were adequate. Armyworms were present in some locations. Corn: Harvest on the Plains continued, although work was delayed in some areas due to rainfall. Harvest in most other areas of the state was

completed. Cotton: Conditions continue to be wide open in most areas. In the Plain harvest aids were being applied on a limited basis. Rain showers delayed harvest in some locations. In the Blacklands, Central state, the Coastal Bend, cotton harvest was still being delayed by frequent rain showers. Cotton continued to mature in remaining fields across the state. In some areas, the crop still needs warm weather to mature due to the lateness of the crop. Cotton 51% normal, 66% 2002. Sorghum: Sorghum was maturing, harvest was getting started in the Plains, but conditions varied widely. Rain showers late in the week, excess moisture stalled harvest in some areas. Late planted sorghum continues to benefit from moisture. Some dryland acreage was being grazed or baled for hay. Sorghum 57% normal, 60% 2002. Peanuts: Most fields made good progress. Producers continued to water peanuts to prepare for harvest in the Plains. In a few locations acreage was being harvested, but progress was slow due to wet conditions. Peanut 83% normal, 86% 2002. Rice: Harvest was complete in most areas. Wet conditions continued to delay harvest in remaining areas. Soybeans: Harvest continued, was nearing completion in most locations. Irrigated soybeans continued to be the most productive. Commercial Vegetables, Fruit, Pecans In the Rio Grande Valley, land preparation continued with the help of recent showers. Cabbage, onion producers were trying to catch up with planting activities. In the San Antonio-Winter Garden, land preparations, planting winter vegetable crops continued. Winter vegetables were making good progress. Some activities were delayed due to rain showers. In East state, sweet potato harvest was fully underway. Yields appear to be good, but the size of potatoes varied. Fall watermelons, peas were being harvested. There was some insect activity reported in those fields that received heavy rains earlier in the year. In the High Plains, pumpkin harvest was in full swing with about average yields. Watermelon harvest was beginning to wind down. Pecans: Some early harvest has begun in some locations while producers in other areas were preparing for harvest. Overall, most pecans continued to progress well across the state with irrigated orchards making the most progress. Range, Livestock: Pasture feeds improved where recent rains have fallen. Haying activities continued in a few areas, but was less active in wetter locations. Some producers will be able to get a final cutting due to the additional moisture. Supplemental feeding eased in some locations, but was necessary in drier areas, in those areas that were extremely wet. Cattle were in mostly good condition. Cattle producers continue to experience record prices at the market. Wildlife food plots were being planted for this winter. Stock tank water levels were good in many areas

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**UTAH:** Days suitable for fieldwork 7.0. Topsoil 21% very short, 41% short, 38% adequate, 0% surplus. Subsoil 23% very short, 38% short, 39% adequate, 0% surplus. Irrigation Water Supplies 43% very short, 40% short, 17% adequate, 0% surplus. Winter Wheat Planted For Harvest Next Year 41%, 64% 2002, 58% avg.; 15% emerged, 14% 2002, 14% avg. Corn 95% dent, 78% 2002, 68% avg.; 72% mature, 44% 2002, 32% avg.; 83% harvested (silage), 49% 2002, 51% avg.; 0% very poor, 2% poor, 19% fair, 70% good, 9% excellent. Alfalfa Hay 3rd Cutting 93%, 89% 2002, 93% avg.; 4th Cutting 48%, 38% 2002, 43% avg. Alfalfa Seed Harvested 70%, 44% 2002, 48% avg. Onions 64% harvested, 67% 2002, 63% avg. Potatoes 28% harvested, 16% 2002, 33% avg. Cattle, calves moved From Summer Range 34%, 74% 2002, 45% avg. Cattle, calves condition 0% very poor, 2% poor, 25% fair, 59% good, 14% excellent. Sheep, lambs moved From Summer Range 30%, 65% 2002, 39% avg.; 0% very poor, 3% poor, 22% fair, 67% good, 8% excellent. Range, Pasture 8% very poor, 20% poor, 40% fair, 32% good, 0% excellent. Stock Water Supplies 18% very short, 47% short, 35% adequate, 0% surplus. Apples 58% harvested, 17% 2002, 31% avg. Peaches 94% harvested, 93% 2002, 91% avg. Pears 95% harvested 2002, 88% avg. Activities: Cutting, drying hay, harvesting onions, potatoes, corn for silage, apples, peaches, pears, caring for livestock. High temperatures were in the 70's throughout much of state with 80s, 90s in parts of southern state. Lows were generally in the 30s and 40s with 50s, 60s in southern state. Areas in higher elevations of the state had lows in the 20s, there were reports of morning frost in several counties. Farmers continued cutting third, fourth crop alfalfa hay. Planting of winter wheat is 17% behind normal schedules. Farmers have held back planting because of concerns about the lack of soil moisture. Onion harvest is in full swing. Ideal weather conditions are allowing onions to properly cure. Safflower harvest is also in full swing. In general, cattle, sheep coming off summer ranges are reportedly in fair to good condition. Wide variations in day time, nighttime temperatures have caused producers in Cache County to be concerned about potential pneumonia problems in livestock.

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**VIRGINIA:** Days suitable for fieldwork 4.0. Topsoil 1% short, 63% adequate, 36% surplus. Subsoil 1% short, 74% adequate, 25% surplus. Pasture 1% poor, 15% fair, 56% good, 28% excellent. Livestock 10% fair, 65% good, 25% excellent. Other Hay 4% poor, 16% fair, 63% good, 17% excellent. Alfalfa Hay 1% very poor, 7% poor, 20% fair, 53% good, 19% excellent. Corn for Grain 4% very poor, 17% poor, 23% fair, 46% good, 10% excellent; 95% dough, 100% 2002, 100% 5-yr avg.; 87% dent, 100% 2002, 97% 5-yr avg.; 63% mature, 92% 2002, 82% 5-yr avg.; 26% harvested, 56% 2002, 50% 5-yr avg.; Silage 73% harvested, 95% 2002, 85% 5-yr avg. Soybeans 3% very poor, 10% poor, 21% fair, 48% good, 18% excellent; 24% dropping leaves, 41% 2002, 30% 5-yr avg.; 2% harvested, 4% 2002, 2% 5-yr Ag. Winter Wheat 7% seeded, 8% 2002, 6% 5-yr avg. Barley 12% seeded, 22% 2002, 11% 5-yr avg. Flue Tobacco 82% harvested, 60% 2002, 74% 5-yr avg. Burley tobacco 85% harvested, 96% 2002, 89% 5-yr avg. Dark Fire Tobacco 97% harvested, 97% 2002, 95% 5-yr avg. Sun Tobacco 100% harvested, 100% 2002, 97% 5-yr avg. Peanuts 12% poor, 42% fair, 36% good, 10% excellent; 10% dug, 21% 2002, 21% 5-yr avg. Cotton 1% very poor, 2% poor, 33% fair, 57% good, 7% excellent; 54% bolls opening, 80% 2002, 68% 5-yr avg. Apples 1% very poor, 7% poor, 45% fair, 41% good, 6% excellent. Fall Apples 53% harvested, 68% 2002, 54% 5-yr avg. Winter Apples 18% harvested, 33% 2002, 24% 5-yr avg. Grapes 2% very poor, 5% poor, 24% fair, 69% good. Fair weather returned to state after Hurricane Isabel's passing. However, a cold front mid-week brought a tornado across central state, which caused further damage in that area. Corn harvesting has resumed where field conditions permit. While wind damage to some corn fields was extensive, many other fields survived the storms surprisingly well. The soybean crop was in generally good condition with reports of some fields starting to turn color. Seeding of barley, winter wheat continued where possible. Some vegetable fields were ruined by Hurricane Isabel in the Northern Neck. Isabel's high winds knocked fruit off of some apple trees in state's fruit areas. The last week's damp conditions may affect fruit quality. Some tobacco in barns was lost due to lack of power. Other tobacco was lost when some barns were destroyed in the high winds. Activities: Cleaning up downed trees in fields, farmsteads, fixing fences, buildings damaged by Isabel's winds, getting ready for cotton, peanut harvests.

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**WASHINGTON:** Days suitable for fieldwork averaged 6.9. Topsoil 26% very short, 39% short, 35% adequate. Subsoil 16% very short, 34% short, 50% adequate. Irrigation water supplies 7% very short, 10% short, 83% adequate. The highest temperature in the state was 95° in Vancouver. The lowest temperature in the state was 40° in Ellensburg, Deer Park, Pullman. Winter wheat 72% seeded, 36% emerged. Warm weather, dry conditions returned for another week. Palouse farmers continued to dust in winter wheat seed to the dry soils while others worked stubble ground. Precipitation is needed to support seedling growth. In Skagit County, no late blight on potatoes has been reported so far. Warm weather in the Columbia Basin has slowed potato harvest. Potatoes 56% harvested. Corn for silage 44% harvested, for grain 5% harvested, 1% poor, 8% fair, 91% good. Dry edible beans 90% harvested. Alfalfa 3rd cutting 98% complete. Hay, other roughage supplies 3% very short, 9% short, 74% adequate, 14% surplus. Range, pasture feeds 14% very poor, 29% poor, 41% fair, 16% good. Rainfall is still needed on many pastures across the state to improve condition. Harvest of Red Delicious apples was well underway around the Yakima Valley with warm weather attributing to poor fruit coloring. Around western state, warmer temperatures provided ideal conditions to wrap up sweet corn harvest, sow winter cover crops in the recently harvested fields. Also in the region, harvest continued on cauliflower, broccoli, late blueberries. Warm temperatures, minimal rainfall also pleased U-Pick pumpkin growers with dry fields, good conditions for color development

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**WEST VIRGINIA:** Days suitable for field work 3.6. Topsoil 72% adequate, 28% surplus, 17% very short, 47% short, 36% adequate 2002. Corn condition 3% very poor, 10% poor, 32% fair, 49% good, 6% excellent; 68% dented, 90% in 2002, 81% 5-yr avg.; 32% mature, 60% 2002, 49% 5-yr. avg.; 7% harvested, 12% 2002, 13% 5-yr avg. Soybeans condition 2% poor, 24% fair, 72% good, 2% excellent; 55% dropping leaves, 88% 2002, 75% 5-yr avg.; 2% harvested, 5% 2002, 12% 5-yr avg. Winter wheat 27% planted, 45% 2002, 18% 5-yr. avg.; 9% emerged, 35% 2002.. Tobacco 1% very poor, 32% poor, 32% fair, 35% good; topped 98%; 100% 2002, 100% 5-yr avg.; 67% harvested, 98% 2002, 83% 5-yr avg. Hay 4% poor, 27% fair, 55% good, 14% excellent; 2nd

cutting 84%, 100% 2002, 90% 5-yr avg. Apples 6% poor, 29% fair, 58% good, 7% excellent; 47% harvested. Cattle, calves 1% poor, 23% fair, 67% good, 9% excellent. Sheep, Lambs 1% poor, 16% fair, 75% good, 8% excellent. Activities: Hay harvesting, grain harvesting, planting. Wet fields continue to be a problem. Corn moisture remains above normal. Some tobacco losses reported due to wet conditions. Some hoof problems reported in livestock due to dampness.

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**WISCONSIN:** Days suitable for fieldwork 5.8. Topsoil 9% very short, 39% short, 51% adequate, 1% surplus. Cooler weather welcomed the first week of autumn for state. Temperatures for the week were 2-5° below normal. This stopped a trend of above normal temperatures since early August. The week saw scattered rains of mostly .5 inch or less. Rains are still quickly absorbed in dry areas. Any and all rain is greatly appreciated by producers. The rains from the last few weeks will benefit dry alfalfa fields, fall tillage operations, seeding of winter cover crops. There have only been scattered reports of frost, but most corn, soybean development has ended for the season. The recent rains have raised pasture feed conditions slightly to 18% very poor, 30% poor, 31% fair, 20% good, 1% excellent.

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**WYOMING:** Days suitable for field work 6.8. Topsoil 25% very short, 48% short, 27% adequate. Winter wheat 96% planted, 95% 2002, 95% 5-yr avg.; 45% emerged, 78% 2002, 78% 5-yr avg. Sugarbeets 3% poor, 15% fair, 69% good, 13% excellent. Corn 98% in dough, 99% 2002, 100% 5-yr avg.; 93% dented, 93% 2002, 95% 5-yr avg.; 74% mature, 70% 2002, 72% 5-y avg.; 2% harvested, 2% 2002, 2% 5-yr avg.; 88% harvested for silage, 81% 2002, 86% 5-yr avg.; 2% poor, 9% fair, 74% good, 15% excellent. Dry beans 86% windrowed, 80% 2002, 94% 5-yr avg.; 67% combined, 59% 2002, 75% 5-yr avg.; 3% poor, 17% fair, 71% good, 9% excellent. Alfalfa 3rd cutting harvested 74%, 52% 2002, 68% 5-yr avg. Irrigation water supplies 28% very short, 43% short, 29% adequate. Range, pasture feed 11% very poor, 24% poor, 44% fair, 20% good, 1% excellent. Livestock in mostly good to excellent condition. Temperatures were near normal. The highest temperature of 86° in Torrington, Archer, the lowest temperature of 22° in Big Piney. Precipitation was below normal throughout the State with most stations receiving a trace to none. The most precipitation fell in Jackson with 0.12 inch, Afton, Redbird, each with 0.04 inch.