ALABAMA: Days suitable for fieldwork 5.3. Topsoil 12% very short, 30% short, 57% adequate, 1% surplus. Corn 60% silked, 62% 2001, 65% avg.; 5% very poor, 12% poor, 61% fair, 20% good, 2% excellent. Soybeans 96% planted, 93% 2001, 91% avg.; 75% emerged, 84% 2001, 68% avg.; 6% blooming, 3% 2001, 5% avg.; 1% very poor, 4% poor, 72% fair, 22% good, and 1% excellent. Winter wheat harvested 95%, 90% 2001, 87% avg. Hay Harvested, first cutting 96%, 99% 2001, 93% avg. Pasture, in feed 5% very poor, 15% poor, 28% fair, 35% good, 9% excellent. Livestock condition: 0% very poor, 2% poor, 16% fair, 66% good, and 16% excellent. The state received much needed rainfall, a lot more moisture is needed in some areas.

ARIZONA: Temperatures throughout most of the state continued to be well above average. For the ninth consecutive week, there was no precipitation reported as drought conditions persist. Range, pasture are extremely dry throughout the State. Livestock producers continue to provide supplemental feed, water. Cotton squaring was reported at 88%, ahead of 2001 rate of 85, the 5-yr avg of 84%. Cotton setting bolls was reported at 40% ahead of 2001 rate of 35%, ahead of the 5-yr avg of 30%.

ARKANSAS: Days suitable for fieldwork 6.1. Soil 5% very short, 35% short, 57% adequate, 3% surplus. Sorghum 100% emerged, 100% 2001, 100% 5 yr. avg.; 27% headed, 28% 2001, 15% 5 yr. avg.; 1% very poor, 7% poor, 32% fair, 51% good, 9% excellent. Corn 73% Tassling, 76% 2001, 75% 5 yr. avg.; 5% very poor, 12% poor, 26% fair, 45% good, 15% excellent. Wheat 97% harvested, 92% 2001, 90% 5 yr. avg. Soybeans 95% planted, 95% 2001, 92% 5 yr. avg.; 89% emerged, 89% 2001, 84% 5 yr. avg.; 9% blooming. 22% 2001, 11% 5 yr. avg.; 1% very poor, 3% poor, 32% fair, 54% good, 10% excellent; Cotton Squaring 84%, 96% 2001, 86% 5 yr. avg.; 8% setting bolls, 15% 2001, 8% 5 yr. avg.; 3% very poor, 9% poor, 40% fair, 44% good, 4% excellent; Rice 2% headed, 1% 2001, 3% 5yr. avg.; 2% very poor, 5% poor, 30% fair, 49% good, 14% excellent. Other Hay 1% very poor, 2% poor, 24% fair, 59% good, 14% excellent; Pasture, range feed 0% very poor, 2% poor, 24% fair, 59% good, 14% excellent; FIELD CROP : Soybean planting was wending down. Cotton, soybeans were being cultivated. Wheat harvested continuous. Soybeans, rice were being sprayed with herbicides, being fertilized. Somewheat fields were being sprayed for aphids, boll weevils. Activities: Harvesting hay; fertilizing, liming, applying weed control in pastures. LIVESTOCK, PASTURE, RANGE: Cattle are in good condition. Pasture land is being fertilized, otherwise weed control measures being applied. First haycutting, baling are now being completed.

CALIFORNIA: Irrigation activities increased as summer weather took hold. Cotton fields were developing well, with increased bloom in evidence. Some fields in southern areas set bolls. Fields were irrigated, treated for diseases, pests. Alfalfa hay, seed fields showed strong growth. Alfalfa growers took advantage of good drying weather to cut, bale. Wheat, barley harvesting continued in some areas. Fields were prepared for planting of new crops after small grain harvest was completed. Planting of sweet potatoes continued. Field corn, silage corn continued to thrive. Fields were irrigated, cultivated, treated to control insect pests. Corn for silage was planted in several areas. Sugar beets continued to develop rapidly. Rice acres were treated with herbicides to control weeds. Top dressing of early fields had begun. Dry bean fields continued to be planted. Emerged dry beans were showing good growth. Stone fruit harvesting continued at a rapid pace as the warm weather promoted ripening. Irrigation, cultivation, weed and pest control treatments continued in orchards not being harvested. Arctic Rose, Big Jim, Grand Pearl, Honey Blaze, Honey Kist, June Pearl, Prince Jim, Red Diamond, Red Pearl, Short and Stout were harvested. Bunchberries were being sprayed with herbicides, being fertilized. Some cotton was being treated with herbicides to provide supplemental feed, water. Cotton squaring was reported at 88%, ahead of 2001 rate of 85, the 5-yr avg of 84%. Cotton setting bolls was reported at 40% ahead of 2001 rate of 35%, ahead of the 5-yr avg of 30%.

COLORADO: Days suitable for field work 6.8. Topsoil 57% very short, 34% short, 9% adequate, 0% surplus. Subsoil 64% very short 29% short, 7% adequate, 0% surplus. Hot, mostly dry weather persisted for another week. The limited moisture from widely scattered thundershowers quickly evaporated. Additional fires were started by lightning in the mountains. Spring barley 94% headed, 83% 2001, 81% avg.; 21% turning color, 27% 2001, 20% avg.; 4% very poor, 7% poor, 40% fair, 31% good, 18% excellent. Spring wheat 74% headed, 71% 2001, 66% avg.; 18% turning

Weekly Weather and Crop Bulletin State Stories

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Producers applied fungicides, herbicides to crops, scouted cotton for worms.

HAWAI'I: Soil moisture adequate. Mostly sunny skies with occasional showers, warm temperatures continued to benefit crops. Harvesting will remain active for papayas, bananas. Most vegetable crops made favorable progress during the week and remained in fair to good condition.

IDAHO: Days suitable for fieldwork 6.8. Topsoil 7% very short, 40% short, 53% adequate. Irrigation water supply 2% very poor, 21% poor, 27% fair, 49% good, 1% excellent. Potatoes 48% 12 inches high, 65% 2001, 55% avg.; 18% closing middles, 28% 2001, 21% avg.; 1% very poor, 2% poor, 15% fair, 71% good, 11% excellent. Winter wheat 92% headed, 84% 2001, 86% avg.; 4% turning color, 16% 2001, 12% avg. Spring wheat 99% jointed, 96% 2001, 94% avg.; 81% booted, 81% 2001, 74% avg. Barley 98% jointed, 96% 2001, 91% avg.; 72% booted, 80% 2001, 71% avg. Alfalfa hay 82% 1st cutting harvested, 90% 2001, 80% avg.; 8% 2nd cutting harvested, 21% 2001, 10% avg. Dry Beans 99% emerged, 100% 2001, 94% avg. Cherries 63% harvested, 15% 2001, 24% avg. Activities: Irrigating, applying pesticides, stacking alfalfa, cultivating corn, dry beans.

ILLINOIS: Days suitable for fieldwork 5.9. Topsoil 6% very short, 27% short, 62% adequate, 5% surplus. Corn height 34 in., 53 in. 2001, 46 in. avg. Soybeans 99% planted, 99% 2001, 98% avg.; 1% setting pods, 1% 2001, 0% avg. Wheat 99% turning yellow, 99% 2001, 98% avg.; 91% ripe, 90% 2001, 84% avg. Oats 98% headed, 95% 2001, 94% avg.; 72% filled, 66% 2001, 65% avg.; 33% turning yellow, 31% 2001, 23% avg.; 10% ripe, 11% 2001, 7% avg.; 4% harvested, 2% 2001, 1% avg.; 1% very poor, 3% poor, 21% fair, 64% good, 11% excellent. Alfalfa 34% cut second crop, 35% 2001, 29% avg.; 5% poor, 31% fair, 53% good, 11% excellent. Red Clover 89% cut, 88% 2001, 83% avg.; 1% poor, 38% fair, 53% good, 8% excellent. Hot, dry weather covered the state last week with typical summer thunderstorms occurring around midweek. The isolated showers that moved through were great “if you had happened to be under one,” as one reporter stated. The heat and lack of widespread rain is beginning to show on the lighter soils” in many areas. Livestock were also showing signs of stress under the warm temperatures. Spraying for potato leaf hoppers in alfalfa continues as well as spraying for weeds in soybeans. Oats were being chopped for silage in the north, wheat harvested continued in the south. Wheat harvest progressed. Test weights have been reported good with yields all over the board. Double crop soybean planting virtually wrapped up last week as wheat harvest in the south was finishing up. Green bean, sweet corn harvest continued with early pea harvest nearly complete. Vegetable growers were busy keeping their irrigation running last week. Most crops look good but will begin to need rain soon. Activities: Baling wheat straw, cutting, baling alfalfa, sidressing anhydrous in late corn plantings, hauling grain.

INDIANA: Days suitable for fieldwork 5.5. Topsoil 4% very short, 21% short, 64% adequate, 11% surplus. Subsoil 1% very short, 11% short, 74% adequate, 14% surplus. Much needed showers in some areas, but many areas received little or no precipitation. Hot weather is placing stress on major crops, livestock. Weeds are still a problem in many fields. Planting of major crops virtually complete, except for double crop soybeans. Temperatures averaged 1° above to 7° above normal. Precipitation averaged 0.7 to 3.60 inches. Winter wheat harvest made good progress in the southern regions. Wheat fields maturing rapidly in the central, northern areas. Winter wheat 50% good to excellent compared with 69% last year. Some wheat disease problems exist. First cutting alfalfa hay 98% complete, 99% 2001, 95% avg. Pastures 5% poor, 23% fair, 63% good, 9% excellent. Livestock are under some stress from hot weather. Activities: Spraying for weed control, side dressing corn, scouting fields, moving grain to market, cultivating row crops, cleaning up, repairing equipment, cutting, baling hay, mowing roadsides, taking care of livestock.

IOWA: Days suitable for fieldwork 6.3. Topsoil 23% very short, 34% short, 40% dequate, 3% surplus. Subsoil 13% very short, 29% short, 55% adequate, 3% surplus. Very dry, hot conditions have caused a slight drop in most crop conditions, lowered soil moisture levels statewide. Oats 98% headed, 83% 2001, 91% avg.; 3% poor, 21% fair, 57% good, 19% excellent. Corn 0% silking, 0% 2001, 0% avg.; 2% very poor, 6%
poor, 26% fair, 47% good, 19% excellent. Soybeans 100% emerged, 94% 2001, 99% avg.; 16% blooming, 5% 2001, 11% avg.; 1% very poor, 7% poor, 28% fair, 48% good, 16% excellent. Pasture feed 3% very poor, 14% poor, 31% fair, 41% good, 11% excellent.

KANSAS: Days suitable for fieldwork 6.6. Topsoil 23% very short, 40% short, 36% adequate, 1% surplus. Subsoil 25% very short, 32% short, 42% adequate, 1% surplus. Wheat 87% harvested, 72% 2001, 57% avg. Wheat 22% very poor, 24% poor, 31% fair, 21% good, 2% excellent. Corn 1% very poor, 10% poor, 37% fair, 46% good, 6% excellent. Sorghum 97% planted, 99% 2001, 97% avg. Sorghum 0% headed, 4% 2001, 1% avg.; 2% very poor, 11% poor, 37% fair, 46% good, 6% excellent. Soybeans 94% emerged, 94% 2001, 6% poor, 37% fair, 51% good, 6% excellent. Soybeans 8% blooming, 13% 2001, 14% avg. Second cutting alfalfa 62% completed, 75% 2001, 55% avg. Pasture feed 20% very poor, 21% poor, 25% fair, 28% good, 6% excellent.

KENTUCKY: Days suitable for fieldwork 5.1. Topsoil 7% very short, 30% short, 54% adequate, 9% surplus. Subsoil 2% very short, 26% short, 64% adequate, 8% surplus. Scattered showers fell across the State this week, with some areas receiving little or no rain. Farmers could still use some more rain. The top agricultural activities were baling hay, planting double crop soybeans, harvesting wheat, the cultivation of tobacco. The corn crop looks mostly good. Soybeans 97% planted. Burley tobacco height was 58% under 12 inches, 32% 12-24 inches, 9% over 24 inches. Tobacco 1% very poor, 5% poor, 27% fair, 52% good, 15% excellent. The tobacco crop looks good throughout most of the State, with the most common disease reported being black shank. Winter wheat harvest 95% complete with yields, test weights varying. Harvesting of hay continued to be one of the major farming activities this week. The pasture feed 1% very poor, 6% poor, 22% fair, 55% good, 16% excellent.

LOUISIANA: Days suitable for fieldwork 3.6. Soil 9% very short, 22% short, 51% adequate, 18% surplus. Corn 8% very poor, 22% poor, 45% fair, 19% good, 6% excellent; 100% silked, 98% last week, 92% 2001, 96% avg., 61% dough stage, 40% last week, 68% 2001, 61% avg., 1% mature, 0% last week, 3% 2001, 6% avg. Hay 96% first cutting, 92% last week, 94% 2001, 93% avg., 12% second cutting, 0% last week, 22% 2001, 11% avg. Second cutting of hay began in a few areas. Peaches 45% harvested, 30% last week, 58% 2001, 60% avg. Most fungicide applications in rice were completed. Sorghum 100% emerged, 99% last week, 100% 2001, 100% avg. Soybeans 96% planted, 95% last week, 99% 2001, 98% avg.; 10% setting pods, 0% last week, 16% 2001, 10% avg. Sugarcane 4% pod, 5% 2001, 4% ex. Sweet potatoes 90% planted, 88% last week, 96% 2001, 93% avg. Livestock 1% very poor, 8% poor, 38% fair, 50% good, 3% excellent. Vegetables 5% very poor, 18% poor, 50% fair, 27% good.

MARYLAND: Days suitable for fieldwork 6.4. Topsoil 19% very short, 42% short, 39% adequate. Subsoil 26% very short, 52% short, 22% adequate. Barbie 98% harvested, 70% 2001, 85% avg. Winter Wheat 60% harvested, 32% 2001, 31% avg. Range, pasture feed 6% very poor, 11% poor, 39% fair, 39% good, 5% excellent. Corn 3% very poor, 10% poor, 28% fair, 49% good, 10% excellent, 8% silked, 8% 2001, 6% avg. Strawberries 96% harvested, 85% 2001, 86% avg. Peaches 8% poor, 29% fair, 55% good, 8% excellent. Green Peas 97% harvested, 92% 2001, 94% avg. Sweet corn 94% planted, 95% 2001, 95% avg.; 4%, harvested 2% 2001, 3% avg. Apples 1% poor, 18% fair, 77% good, 4% excellent. Cucumbers 74% planted, 64% 2001, 83% avg. Tobacco condition 10% poor, 30% fair, 50% good, 10% excellent. Cucumbers 20% harvested, 28% 2001, 24% avg. Snap beans 60% planted, 74% 2001, 82% avg. Snap Beans 34% harvested, 14% 2001, 14% avg. Soybean 2% very poor, 9% poor, 27% fair, 56% good, 6% excellent. Watermelons 1% harvested, 2% avg. Potatoes 4% harvested, 15% 2001, 12% avg. Sorghum 98% planted, 94% 2001, 92% avg.; 1% poor, 1% fair, 1% good. Other hay second cutting 34%, 29% 2001, 28% avg. Alfalfa Hay second cutting 70%, 40% 2001, 41% avg. Hay supplies 3% very short, 15% short, 75% adequate, and 7% surplus. State farmers took advantage of hot, dry conditions to harvest small grains. Temperatures reached into the upper nineties. Scattered showers did little to alleviate dry conditions which could negatively impact crop conditions.

MINNESOTA: Days suitable for fieldwork 3.6. Topsoil 1% very short, 8% short, 63% adequate, 28% surplus. Sweet corn 96% planted, 97% 2001, 98% avg. Alfalfa 80% 1st cutting, 89% 2001, 93% avg. Spring Wheat 74% jointed, 73% 2001, 86% avg. Oats 90% jointed, 84% 2001, 93%; 1% turning ripe, 0% 2001, 3% avg. Barbie 79% jointed, 78% 2001, 86% avg. Corn 26 in. height, 20 in. 2001, 29% avg. Soybeans 9 in. height, 7 in. 2001, 9 in. avg. Pasture feed 4% very poor, 10% poor, 31% fair, 48% good, 7% excellent. Sugarbeets 9% very poor, 18% poor, 38% fair, 38% good, 7% excellent. Hot, humid weather this week aided crops across the state. Many areas in the northern part of the state still suffered from severe flooding, excess moisture, while portions of the West Central, Southwest Districts were in much need of rain. Statewide temperatures for the week averaged 8.4 degrees above normal. Corn fields received the most benefit this week from the hot humid weather. Rainfall across the state was varied and scattered. Severe thunderstorms moved across the central portion of the state on Tuesday, damaging crops in several counties with wind, rain, hail. Herbicide spraying was hampered, by wet field conditions. The flooding Wild Rice River in Norman, Mahnomen counties created a second time this week. Crops in the Northwest District are turning yellow, suffering from root rot, leaf disease.

MISSISSIPPI: Days suitable for fieldwork 4.6. Soil 9% very short, 25% short, 53% adequate, 13% surplus. Corn 82% silked, 88% 2001, 82% avg.; 36% dough, 52% 2001, 45% avg.; 3% dent, 17% 2001, 13% avg.;
2% very poor, 5% poor, 24% fair, 55% good, 14% excellent. Cotton 70% squaring, 87% 2001, 83% avg.; 24% setting bolls, 38% 2001, 26% avg.; 4% poor, 25% fair, 56% good, 15% excellent. Rice 4% heading, 6% 2001, 7% avg.; 2% poor, 15% fair, 61% good, 22% excellent. Sorghum 28% heading, 50% 2001, 32% avg.; 2% poor, 16% fair, 61% good, 21% excellent. Soybeans 100% emerged, 100% 2001, 95% avg.; 39% blooming, 61% 2001, 48% avg.; 5% poor, 26% fair, 53% good, 16% excellent. Wheat 99% harvested, 98% 2001, 94% avg. Hay 43% harvested (Warm Season), 49% 2001, 46% avg.; 1% very poor, 30% fair, 46% good, 19% excellent. Sweetpotatoes 92% planted, 90% 2001, 83% avg.; 48% poor, 48% fair, 3% good, 1% excellent. Watermelons 31% harvested, 23% 2001, 16% avg.; 14% very poor, 17% poor, 23% fair, 42% good, 4% excellent. Cattle 1% very poor, 5% poor, 23% fair, 61% good, 10% excellent. Pasture 4% very poor, 12% poor, 35% fair, 43% good, 6% excellent. Scattered showers across the state were welcomed, especially in areas where crops were stressed from dry conditions.

NEVADA: Hot, dry weather prevailed throughout the week. Temperatures averaged several degrees above normal and no precipitation was recorded. First cutting of alfalfa near completion in the North, second cut was getting underway. Meadow hay harvest continued. Harvest of grain for hay was underway North. Sudan harvest continued South. Alfalfa fields were being treated for aphid control. Potatoes were responding well to the hotter weather. Corn cultivation was ongoing. Onions were in fair condition. Garlic fields were in good condition with harvest approaching. Pasture feeds rated mostly poor to good. Crickets remained a problem in several areas. Irrigation water supply was very short in lower portions of the basin. Livestock producers reported a slight decrease in milk, egg production due to the hot, humid weather. Vegetable producers continued harvesting cucumbers, cabbage, snap beans, parsley, cilantro. Good yields were reported for tomatoes in some areas. Summer potatoes were rated in mostly very good/fair. Apple: Fruit size avg.; condition fair/good. Peaches: Fruit size avg.; condition fair/good. Strawberries 55% harvested, 60% 2001, 60% avg.; fruit size avg/b�avg; condition fair/good. Maine Wild Blueberries: Fruit size avg.; condition good. Crop activity: Alfalfa hay harvest, other hay harvest, mowing orchards; monitoring for pest, disease; planting field corn; other hay cutting. Vegetable producers continued harvesting cucumbers, cabbage, snap beans, parsley, cilantro. As for oats, 3% is rated very poor, 8% poor, 31% fair, 52% good, 6% excellent. Dry bean 2% very poor, 3% poor, 35% fair, 56% good, 4% excellent. Com 0% very poor, 1% poor, 28% fair, 60% good, 11% excellent. Potatoes 0% very poor, 0% poor, 9% fair, 77% good, 12% excellent. Pasture, range feeds improved some over last week, as warm temperatures, precipitation have aided progress. Pasture, range feed 11% very poor, 20% poor, 35% fair, 30% good, 4% excellent. Pasture, range feed are now rated better than a year ago, but still poorer than the 5-year average. Last year, conditions were rated 19% very poor, 33% poor, 31% fair, 15% good, and 2% excellent while the 5-year average is 8% very poor, 18% poor, 34% fair, 29% good, 11% excellent.

NEBRASKA: Days suitable for fieldwork 6.9. Temperatures averaged 5 to 10° above normal for the week. Precipitation was scattered, very light across the State except for a few locations in the southwest which received an inch or better of rain. Topsoil, subsoil mostly short to very short across the State. Alfalfa 1st cutting 98%, 99% 2001, 97% avg.; 2nd cutting 25%, 18% 2001, 14% avg. Pastures in Southwest, Panhandle districts mostly poor to very poor condition.

NEW ENGLAND: Days suitable for field work 5.5. Topsoil 4% very short, 12% short, 59% adequate, 25% surplus. Subsoil 2% very short, 17% short, 73% adequate, 8% surplus. Pasture feed 0% very poor, 2% poor, 17% fair, 62% good, 19% excellent. Maine Potatoes: 95% emerged, 99% 2001, 95% avg.; condition excellent/good. Maine Barley: Condition excellent/good. Field Corn: 95% planted, 99% 2001, 99% avg.; 90% emerged, 95% 2001, 95% avg.; condition good/fair. Sweet Corn 95% planted, 95% 2001, 95% avg.; 90% emerged, 85% 2001, 90% avg.; condition good/fair. First Crop Hay: 65% harvested, 80% 2001, 70% avg; condition good/fair. Second Crop Hay: 10% harvested, 10% 2001, 5% avg.; condition good/excellent. Shade Tobacco 100% planted, 100% 2001, 100% avg.; condition good. Broadleaf Tobacco 100% planted, 99% 2001, 99% avg.; condition fair/good. Apples: Fruit size avg.; condition good/fair. Peaches: Fruit size avg.; condition fair/good. Strawberries 55% harvested, 60% 2001, 60% avg.; fruit size avg/b.avg; condition fair/good. Massachusetts Cranberries: Full Bloom to Petal Fall Stage; fruit set avg.; fruit size avg; condition good. Highbush Blueberries: Fruit size avg.; condition good. Maine Wild Blueberries: Fruit size avg.; condition good. Timely rain, hot temperatures improved the condition of many crops, accelerated growth. Growers had ample opportunity for fieldwork, to make some dry hay between showers. Activities: Planting field corn, vegetables, sweet corn; finishing up planting tobacco; harvesting strawberries, early vegetables; cutting dry hay, chopping haylage; weeding, cultivating fields; cutting dry hay, chopping haylage; mowing orchards; monitoring for pest, disease; applying fungicides, herbicides, insecticides.

NEW MEXICO: Days suitable for field work 5.7 Topsoil 25% short, 72% adequate, 3% surplus. Temperatures averaged above normal as hot, humid weather settled across the region last week. Clear skies, dry weather allowed farmers to make good progress harvesting small grains, summer vegetables. Widely scattered afternoon, evening thunderstorms brought some relief from the heat toward the end of the week. Outdoor activities: Included cutting, baling hay, combining wheat, scouting for pests, spraying. Range, pasture feed 1% fair, 93% good, 6% excellent. Corn 95% emerged, 4% fair, 96% good. Soybeans 90% planted, 77% emerged, 2% fair, 98% good. Dry weather allowed hay producers to make good progress on their second cutting. Livestock producers reported a slight decrease in milk, egg production due to the hot, humid weather. Vegetable producers continued harvesting cucumbers, cabbage, snap beans, parsley, cilantro. Good yields were reported for sweet corn in many localities. Producers also began harvesting fresh market tomatoes in some areas. Summer potatoes were rated in mostly good condition, with harvest expected to begin in the next few weeks. Producers also made good progress planting pumpkins, eggplant, peppers, cantaloupe. Blueberry harvest was well underway in most areas, with crop condition rated as mostly good. Cranberries, grapes were also rated in mostly good condition by producers.

MONTANA: Days suitable for fieldwork 6.6. Topsoil 8% very short, 28% short, 62% adequate, 2% surplus. Subsoil 25% very short, 43% short, 31% adequate, 1% surplus, a sharp reduction from a week earlier. Warm, dry weather is beginning to stress row crops, but weather has been ideal for harvesting wheat, hay. The northwest district is the driest area, but with the exception of several southeastern counties, most of the State needs rain soon to maintain growth, development of row crops, pastures. Soybean emergence is virtually complete in the northern third of the State, but over 20% has not yet emerged in the southwest and southeast districts, mainly due to late double-crop planting. Corn silking ranges from 6% complete in the northwest, northeast districts to 62% southeast. The wheat harvest ranges from under 60% complete in the northwest and northeast districts to 95% southeast. Second crop alfalfa 46% cut, 31% 2001, 36% avg., other hay 77% cut, 73% 2001, 71% avg. Pastures 2% very poor, 8% poor, 37% fair, 48% good, 5% excellent. Rainfall for the week averaged 0.36 inch, ranging from 1.87 inch in the southeast district, 0.57 inch south-central, to virtually none in the north-central, west-central districts.

NEVADA: Hot, dry weather prevailed throughout the week. Temperatures averaged several degrees above normal and no precipitation was recorded. First cutting of alfalfa near completion in the North, second cut was getting underway. Meadow hay harvest continued. Harvest of grain for hay was underway North. Sudan harvest continued South. Alfalfa fields were being treated for aphid control. Potatoes were responding well to the hotter weather. Corn cultivation was ongoing. Onions were in fair condition. Garlic fields were in good condition with harvest approaching. Pasture feeds rated mostly poor to good. Crickets remained a problem in several areas. Irrigation water supply was very short in lower portions of the basin. Livestock producers reported a slight decrease in milk, egg production due to the hot, humid weather. Vegetable producers continued harvesting cucumbers, cabbage, snap beans, parsley, cilantro. Good yields were reported for sweet corn in many localities. Producers also began harvesting fresh market tomatoes in some areas. Summer potatoes were rated in mostly good condition, with harvest expected to begin in the next few weeks. Producers also made good progress planting pumpkins, eggplant, peppers, cantaloupe. Blueberry harvest was well underway in most areas, with crop condition rated as mostly good. Cranberries, grapes were also rated in mostly good condition by producers.
NEW YORK: Days suitable for fieldwork 4.3. Topsoil 35% very short, 38% short, 27% adequate, 0% surplus. Hot, humid. Rainfall varied considerably; some areas over 3.00 in., others none. Pasture feed 1% very poor, 5% poor, 14% fair, 69% good, 11% excellent. Livestock stressed in some areas. Dry hay harvest active. Corn 93% planted, 100% 2001; some replanting necessary. Wheat 6% fair, 65% good, 29% excellent; many acres lodged. Oats 2% poor, 17% fair, 71% good, 10% excellent. Soybeans 77% planted, 100% 2001. Dry bean planting start/stop. Hot weather benefitted vegetable crops. Some sweet corn still to be planted. Strawberry season accelerated due to hot, humid conditions.

NORTH CAROLINA: Days suitable for fieldwork 6.1 Topsoil 20% very short, 25% short, 49% adequate, 6% surplus. Subsoil 16% very short, 24% short, 53% adequate, 7% surplus. Above normal temperatures, very little precipitation. Widespread dryland crops are in excellent condition. Soybeans 92% harvested, 100% 2001, 98% avg.; 4% very poor, 7% poor, 33% fair, 54% good, 11% excellent. Corn 98% harvested, 100% 2001, 98% avg.; 8% very poor, 1% poor, 9% fair, 90% good, 1% excellent. Soybeans 96% harvested, 100% 2001, 98% avg.; 2% very poor, 2% poor, 4% fair, 87% good, 3% excellent. Corn 95% harvested, 100% 2001, 95% avg.; 3% very poor, 2% poor, 5% fair, 87% good, 2% excellent.

NORTH DAKOTA: Days suitable for fieldwork 6.1 Topsoil 20% very short, 25% short, 49% adequate, 6% surplus. Subsoil 16% very short, 24% short, 53% adequate, 7% surplus. Above normal temperatures, very little precipitation. Widespread dryland crops are in excellent condition. Soybeans 92% harvested, 100% 2001, 98% avg.; 4% very poor, 7% poor, 33% fair, 54% good, 11% excellent. Corn 98% harvested, 100% 2001, 98% avg.; 8% very poor, 1% poor, 9% fair, 90% good, 1% excellent. Soybeans 96% harvested, 100% 2001, 98% avg.; 2% very poor, 2% poor, 4% fair, 87% good, 3% excellent. Corn 95% harvested, 100% 2001, 95% avg.; 3% very poor, 2% poor, 5% fair, 87% good, 2% excellent.

OKLAHOMA: Days suitable for fieldwork 6.4. Subsoil 20% very short, 30% short, 47% adequate, 3% surplus. Topsoil 13% very short, 37% short, 50% adequate, 0% surplus. Alfalfa 88% 2nd cutting, 71% last week, 93% last year, 75% avg.; 10% 3rd cutting, n/a last week, 19% 2001, 13% avg.; 3% very poor, 5% poor, 27% fair, 57% good, 8% excellent. Other Hay 81% 1st cutting, 73% last week, 84% 2001, 74% avg.; 11% 2nd cutting, n/a last week, 12% 2001, 6% avg.; 2% very poor, 8% poor, 31% fair, 53% good, 6% excellent. Oats 99% soft dough, 97% last week, 95% 2001, 98% avg.; 89% harvested, 54% last week, 93% 2001, 76% avg.; 39% plowed, n/a last week, 59% last year, 32%; Corn 43% silking, 30 last week, 26% 2001, 16% avg.; 10% dough, n/a last week, 9% last year, 5% avg; 0% very poor, 5% poor, 40% fair, 48% good, 7% excellent; Sorghum 77% emerged, 60% last week, 88% 2001, 76% avg. Soybeans 94% planted, 83% last week, 94% 2001, 85% avg.; 88% emerged, 94% 2001, 95% avg. Beans 97% last week, 89% 2001, 73% avg.; 15% blooming, n/a last week, 13% 2001, 7% avg.; 2% very poor, 1% poor, 24% fair, 66% good, 7% excellent; Watermelons 96% running, 81% last week, 100% 2001, 94% avg.; 77% setting fruit, 55% last week, 79% last year, 63%; 1% harvested, n/a last week, 11% last year, 2% avg. Cotton 98% emerged, 95% last week, 97% 2001, 97% avg. Livestock 3% very good, 6% poor, 24% fair, 57% good, 10% excellent. Livestock: Cattle auctions reported a modest increase in trade of both steers, heifers less than 800 pounds. The price for feeder steers less than 800 pounds was up about 50 cents per cwt. from the previous week, averaged $79.50 per cwt. The price for feeder heifers less than 800 pounds was down 10 cents per cwt. and averaged $74.10 per cwt.

OREGON: Days suitable for fieldwork 6.5. Topsoil 25% very short, 43% short, 32% adequate. Subsoil 29% very short, 41% short, 30% adequate. Barley 96% headed, 82% previous week, 95% 2001. Barley 16% very poor, 18% poor, 43% fair, 22% good, 1% excellent. Winter wheat 34% very poor, 24% poor, 26% fair, 13% good, 3% excellent. Reid barley 15% very poor, 23% poor, 34% fair, 26% good, 2% excellent. Activities: Haying continued State wide, with some getting wet with scattered rain. In Wasco County above normal temperatures are hastening maturity of grain crops. Some grain fields in northern part of county may be harvested soon. In Sherman County, more frost damage revealed from early May frost with more white heads in all rotations, cereals. Frost damage has been amplified by fourth year of severe drought. Umatilla County received light rains that will benefit crops in foothills. Harvest will be short for dry regions. In Williamette Valley, winter wheat turning color. Grass seed fields being swathed in Linn, Marion, Polk counties. Crimson clover being swathed in Washington County. First cutting of peppermint winding down in Marion County. Nurseries, Greenhouses operating in summer mode with watering, plant feeding. Plants growing well. Potted plants, baskets still being sold. In Willamette Valley, processing vegetable crops growing rapidly. Sweet corn filling rows, doing well. Cannery peas harvested. Salad greens available for local markets. Jackson County vegetables being weeded, cultivated, watered. Strawberry, cherry harvest has come to an end in most of State. Cherry production prospects affected by rain, a late frost. Some raspberries picked in northwestern region, while blueberries, blackberries, marionberries still developing fruit in much of western state. In coastal southwest, cranberries continued to set fruit despite presence of Lophodermium (a fungus). In Jackson County, fire blight causing growers to spray what looked like a good crop of apples, pears. State wide range, pastures in need of rain. A few areas report range, pasture in good condition but most of State in poor to fair condition. Cattle, calves doing well where there is good grass. Cattle in most of State are in fair condition but then pastures need more rain. In some areas water holes are drying up, water already being trucked in. Sheep, lambs in good condition.
 PENNSYLVANIA: Days suitable for fieldwork 5.0. Soil 1% very short, 18% short, 74% adequate, 7% surplus. Corn height 25 inches, 29 inches 2001, 24 inches avg. Corn 1% very poor, 5% poor, 23% fair, 50% good, 21% excellent. Barley turning yellow 98% complete, 99% 2001, 97% avg.; 88% rip, 89% 2001. Alfalfa first cutting 92% complete, 94% 2001, 90% avg. Alfalfa second cutting 36% complete, 42% 2001, 32% avg. Timothy clover first cutting 76% complete, 77% 2001, 71% avg. Peach 5% very poor, 8% poor, 8% fair, 76% good, 3% excellent. Apple 3% very poor, 4% poor, 24% fair, 53% good, 16% excellent. Quality of hay made 7% poor, 27% fair, 47% good, 19% excellent. Pasture feeds 2% very poor, 11% poor, 31% fair, 51% good, 5% excellent. Activities: Planting field corn, soybeans, vegetables; fixing fences; machinery maintenance; harvesting small grains; harvesting forages, baling straw; cleaning barns; hauling, spreading manure; caring for livestock; scouting fields; spraying herbicides, insecticides; fertilizing; attending farm meetings.

SOUTH CAROLINA: Days suitable for field work 5.9. Soil 43% very short, 39% short, 18% adequate. Corn 93% silked, 83% 2001, 84% avg. 49% doughed, 32% 2001, 37% avg.; 12% matured, 7% 2001, 4% avg.; 33% very poor, 34% poor, 22% fair, 10% good, 1% excellent. Soybeans 98% planted, 94% 2001, 92% avg.; 92% emerged, 85% 2001, 72% avg.; 9% bloomed, 6% 2001, 9% avg.; 5% very poor, 16% poor, 48% fair, 30% good, 1% excellent. Sorghum 98% planted, 91% 2001, 92% avg.; 95% headed, 94% 2001, 89% avg. Alfalfa 99% emerged, 99% 2001, 97% avg.; 96% silked, 94% 2001, 91% avg. 5% very poor, 17% poor, 29% fair, 49% good. Cotton 99% planted, 99% 2001, 100% avg.; 55% squared, 46% 2001, 52% avg.; 13% bolls set, 8% 2001, 10% avg.; 2% very poor, 7% poor, 56% fair, 35% good. Peanuts 100% planted, 100% 2001, 100% avg.; 35% pegged, 33% 2001, 29% avg.; 6% poor, 53% fair, 34% good, 7% excellent. Winter Wheat 100% harvested, 95% 2001, 95% avg. Barley 100% ripe, 100% 2001, 100% avg.; 95% harvested, 94% 2001, 97% avg. Pastures 17% very poor, 39% poor, 28% fair, 16% good. Rye 98% harvested, 94% 2001, 97% avg. Oats 99% harvested, 96% 2001, 98% avg. Sweetpotatoes 97% planted, 93% 2001, 98% avg.; 3% poor, 78% fair, 19% good. Tobacco 48% topped, 53% 2001, 51% avg.; 14% very poor, 16% poor, 34% fair, 35% good, 1% excellent. Hay 40% harvested; 14% very poor, 28% poor, 36% fair, 22% good. Peaches 36% harvested, 37% 2001, 36% avg.; 5% poor, 24% fair, 46% good, 25% excellent. Apples 34% fair, 64% good, 2% excellent. Snapbeans 97% harvested, 75% 2001, 73% avg.; 2% very poor, 97% fair, 1% good. Cucumbers 95% harvested, 96% 2001, 85% avg. Watermelons 50% harvested, 49% 2001, 45% avg.; 4% very poor, 12% poor, 51% fair, 33% good. Tomatoes 54% harvested, 62% 2001, 63% avg; 1% very poor, 7% poor, 10% fair, 78% good, 4% excellent. Cantaloupes 60% harvested, 62% 2001, 56% avg.; 1% very poor, 6% poor, 53% fair, 40% good. Livestock 1% very poor, 8% poor, 46% fair, 43% good, 2% excellent.

SOUTH DAKOTA: Days suitable for field work 6.3. Topsoil 48% very short, 34% short, 18% adequate. Subsoil 45% very short, 33% short, 21% adequate, 1% surplus. Feed supplies 33% very short, 35% short, 31% adequate, 1% surplus. Stock very short, 34% short, 33% adequate, 1% surplus. Winter rye 26% very poor, 33% poor, 16% fair, 24% good, 1% excellent. 100% boot, 98% 2001, 99% avg.; 63% turning color, 13% 2001, 43% avg.; 5% ripe, 0% 2001, 5% avg.; 100% boot, 100% 2001, 100% avg.; 97% headed, 93% 2001, 97% avg. 21% turning color, 13% 2001, 34% avg. 0% ripe, 0% 2001, 5% avg. Barley 92% boot, 83% 2001, 89% avg.; 5% turning color, 1% 2001, 13% avg. Oats boot 96%, 81% 2001, 85% avg 13% turning color, 4% 2001, 10% avg. Spring Wheat 97% boot, 82% 2001, 88% avg.; 3% turning color, 1% 2001, 11% avg. Sunflower 14% very poor, 32% poor, 39% fair, 1% excellent. Average corn height 23 inches, 18 inches 2001, 21 inches avg. Corn cultivated or sprayed once 88%, 81% 2001, 76% avg. Corn cultivated or sprayed twice 25%, 18% 2001, 24% avg. Sunflower planted 100%, 96% 2001, 97% avg. 1% very poor, 9% poor, 32% fair, 51% good, 6% excellent. Sheep condition 98%, 96% 2001, 95% avg. 6% poor, 24% fair, 61% good, 7% excellent. Range, pasture 37% very poor, 28% poor, 23% fair, 11% good. 1% excellent. Alfalfa hay 44% very poor, 29% poor, 18% fair, 9% good. Alfalfa hay 1st cutting harvested 79%, 80% 2001, 79% avg. Alfalfa hay 2nd cutting harvested 4%, 3% 2001, 6% avg. Other hay harvested 33%, 34% 2001, 33% avg. Some areas did receive spotty rain, with some locations receiving hail, high winds. Conditions have worsened, as hot dry weather continues across the state. Activities: Cutting hay, spraying crops, pasture, fixing fences, planting, cultivating, moving cattle to market.

TEXAS: Agricultural Summary: Conditions were mostly hot, windy, dry across the state during early week. High winds caused excessive water usage on irrigated operations across the state, especially across the Plains. During mid-week several thunderstorms brought moderate to heavy rain with some high winds, hail to some areas of the Plains, North Central State. Damage from hail was reported in a few locations across the Low Rolling Plains. By week’s end another series of storms brought much needed rainfall to many areas extending from the Rio Grande Valley to the hill country, North Central State, coastal region. Rainfall accumulations ranged from light to heavy in some central, eastern, southern locations. Flash flood watches and warnings were posted for several counties during the weekend. Despite all the storms many other areas remained dry; some earlier planted crops have either been abandoned or had failed to germinate. Harvest of small grains was still active across some areas of the Plains. Supplemental feeding of livestock continued in most areas of the state as pastures remained dormant. Many producers were relying on CRP grazing. Herd reduction, some liquidation continued in many areas as livestock body condition declined. Grasshoppers continued in varied locations. Harvest was expected to begin soon in some central locations. Corn silage was being cut in some areas. Corn 62% of normal compared with 69% 2001. Cotton: Irrigated cotton continued to make good to fair progress across areas of the Plains. Dryland cotton continued to suffer in many locations; some fields were replanted to alternate crops. In a few locations where replanting was necessary, emergence has been disappointing. Fleahoppers were causing problems in some areas. Cotton 57% of normal compared with 55% 2001. Sorghum: Planting remained active across portions the Plains, North Central State. Some planting was behind failed cotton. In some areas emergence was slow, however rainfall in late week should benefit some locations. Sorghum midge was observed in a few areas. Harvest continued with a southern leaf. In a few locations where replanting was necessary in some areas before harvest can continue. Sorghum 58% of normal compared with 60% 2001. Peanuts: Peanuts made fair to good progress in most areas across the state. Irrigation was active where possible, but water usage was high due to hot, windy conditions. Pecan trees were occurring in some locations across the Plains. Grasshoppers continued to cause problems; some fields have been severely damaged. Planting was nearly complete but recent rains should benefit remaining acreage.
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71%, 75% 2001, 81% average; headed 42%, 56% 2001, 61% average; 
turning color 2%, 8% 2001, 7% average. Spring wheat jointed 91%, 99% 
2001, 95% average; boot 82%, 90% 2001, 83% average; headed 58%, 
22% 2001, 38% average; turning color 3%, 4% 2001, 7% average. Oats 
jointed 78%, 85% 2001, 89% average; boot 53%, 53% 2001, 63% 
average; headed 29%, 19% 2001, 30% average; turning color 1%, 1% 
2001, 2% average. Dry Beans emerged 99%, 87% 2001, 97% average; 
bloom 3%, 1% 2001, 2% average. Corn average height 14 in., 21 in. 
2001, 19 in. average. Winter wheat turning color 88%, 53% 2001, 62% 
average; mature 22%, 2% 2001, 6% average. Alfalfa 1st cutting 47%, 
54% 2001, 47% average. Other hay harvested 14%, 18% 2001, 17% 
average. Stock water supplies 48% very short, 28% short, 24% 
adequate. Pasture, range 42% very poor, 26% poor, 27% fair, 5% good. 
Cattle condition 2% very poor, 9% poor, 40% fair, 46% good, 3% 
excellent. Calf 1% poor, 45% fair, 51% good, 3% excellent. Sheep 2% 
poor, 52% fair, 44% good, 2% excellent. Lamb 1% poor, 49% fair, 48% 
good, 2% excellent. Temperatures were above normal across the State 
and several areas reached 100°. Drought conditions persist. Wildfire in 
Uintah mountains and fire danger remains high in most areas across state.