

Weekly Weather and Crop Bulletin State Stories

Released May 9, 2000, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Weekly Weather and Crop Bulletin State Stories" call Mark E. Miller at (202) 720-7621, office hours 7:00 a.m. to 4:00 p.m. ET.

ALABAMA: Days suitable for fieldwork 6.6. Topsoil 20% very short, 29% short, 50% adequate, 1% surplus. Corn 90% planted, 90% 1999, 92% avg. Corn 75% emerged, 76% 1999. Wheat 95% headed, 86% 1999, 87% avg.; 3% very poor, 5% poor, 24% fair, 64% good, 4% excellent. Pasture feed 4% very poor, 13% poor, 28% fair, 49% good, 6% excellent. Livestock 1% very poor, 3% poor, 19% fair, 67% good, 10% excellent. Additional rainfall is needed, with dry conditions existing across the state. Farmers are planting cotton in dry soil, some cotton may have to be replanted. Corn plantings are finishing up. Young corn looks stressed.

ALASKA: Days suitable for fieldwork 4.8. Topsoil 25% short, 70% adequate, 5% surplus. Subsoil moisture 20% short, 75% adequate, 5% surplus. Mild, dry conditions across the State allowed some producers to fertilize hay fields. Some early vegetables were planted in the Matanuska Valley. Daytime high temperatures ranged mostly from the fifties to the low sixties. Lows were mostly in the twenties. Farm work progress, on schedule. Hay 10% short, 90% adequate. Livestock 10% fair, 90% good. (First report for the year.)

ARIZONA: Area continued to record well above average temperatures with no precipitation during the week of May 7. Weather conditions have minimal impact on crop, vegetable production due to irrigation. Livestock was reported to be in fair condition for the month of April. Stock Water was reported as short to adequate while Soil Moisture was reported as short. Insect Damage was reported as none to light.

ARKANSAS: Days suitable for fieldwork: 3.0. Soil moisture 1% very short, 11% short, 53% adequate, 35% surplus. Rice 71% planted, 64% 1999, 68% 5 yr. avg.; 42% emerged, 28% 1999, 37% 5 yr avg. Sorghum 72% planted, 54% 1999, 60% 5 yr. avg.; 50% emerged. Cotton 29% planted, 28% 1999, 26% 5 yr avg. Soybean 16% planted, 9% 1999, 11% 5 yr avg. Corn 98% planted, 93% 1999, 95% 5 yr avg.; 90% emerged, 65% 1999, 81% 5 year avg. Wheat 99% headed, 95% 1999, 91% 5 yr. avg.; 2% very poor, 5% poor, 31% fair, 44% good, 18% excellent. Alfalfa Hay 1% very poor, 3% poor, 29% fair, 62% good, 5% excellent; Other Hay 2% very poor, 5% poor, 33% fair, 50% good, 10% excellent. Pasture, Range 1% very poor, 5% poor, 27% fair, 50% good, 17% excellent. Livestock good condition. Treatment of stripe rust, army worms continued in wheat fields. The main farm activities: Planting rice, soybean, cotton; land preparation for spring planting of forage, harvesting hay, spraying pastures for weed control; applying broadleaf herbicide to pastures; vaccinating cattle. 1/ Corn emerged progress is a 2-year average instead of a 5-year average.

CALIFORNIA: Most cotton planting has been completed; a few fields were being re-planted. Some earlier planted cotton was in the four-to-six-leaf stage. Cotton mites were increasing in few areas. Most dryland, irrigated grain plantings have matured, were drying. Some wheat for grain was being irrigated, depending on location. Meanwhile, other fields were starting to dry. Harvest was expected to begin within the next two weeks. Many wheat fields in the milk stage were being cut for silage. Oat hay continued to be cut, baled. Early-planted field corn was growing normally. Corn was being planted in harvested grain fields. Alfalfa hay was thriving in all stages of development. Some alfalfa fields were treated with insecticides to control aphids, weevils. Seed alfalfa fields were treated to control weeds. Most fields of sugar beets were progressing well, but

fields in some areas were being damaged by cut worms. Rice planting was very active. Herbicides were applied to control water grasses in early planted rice fields. Some fields were treated for weevil control. Safflower, sunflower planting continued. Vineyard, orchard operators were conducting cultural activities. Harvest of early cherries continued. Weed control, fungicide applications, irrigation activities continued in vineyards, orchards. Growers applied sulfur to grape vines for mildew control. A few early varieties of peaches, nectarines were harvested. Later ripening peaches, nectarines were being thinned. Picking of grapefruit, lemon crops was active in southern area. The harvest of valencia oranges progressed in the desert areas, in the San Joaquin Valley. Picking of navel oranges was winding down, growers were concerned about deteriorating quality. Minneola tangelos were also picked. Strawberry picking was active in the central valley. Tomato fields looked good; some fields were in bloom. In some areas tomato transplants were still being planted. Onion, garlic fields were irrigated. Sweet corn was weeded, thinned, irrigated. Harvesting of squash continued. Growers were staggering the planting of summer vegetables. Melon fields were cultivated, more were being planted. Yuba County melon growers noted some beetle activity. Harvest of broccoli, lettuce was very active in the San Joaquin Valley. The asparagus harvest was declining. Other vegetables harvested included: Artichokes, basil, cauliflower, cilantro, parsley, peas, green onions, radishes, spinach, turnips. Rangeland pastures were drying in most areas of central, northern area. Cattle were in fair to good condition. The first special cattle auctions were being held. Cattle weight gains were mixed; some disappointing gains were reported in the south-central area. Most new crop lambs in central, northern area have been shipped to feedlots, after a disappointing winter pasture season.

COLORADO: Days suitable for fieldwork 6.0. Topsoil 2% very short, 15% short, 82% adequate, 1% surplus. Subsoil moisture 3% very short, 21% short, 75% adequate, 1% surplus. Warm, dry for most of the week with some record high temperatures. Spring barley 94% seeded, 89% 1999, 86% avg.; 71% emerged, 57% 1999, 63% avg.; 4% poor, 15% fair, 54% good, 27% excellent. Dry onions 1% very poor, 3% poor, 10% fair, 65% good, 21% excellent. Sugar beets 100% planted, 94% 1999, 97% avg.; 20% up to stand, 30% 1999, 6% avg. Summer potatoes 89% planted, 81% 1999, 82% avg.; 20% emerged, 27% 1999, 10% avg. Fall potatoes 45% planted, 23% 1999, 28% avg. Dry beans 3% planted, 0% 1999, 0% avg. Spring wheat 83% planted, 79% 1999, 69% avg.; 60% emerged, 53% 1999, 44% avg.; 7% poor, 20% fair, 51% good, 22% excellent.

DELAWARE: Days suitable for fieldwork 6.5. Topsoil 8% short, 78% adequate, 14% surplus. Subsoil moisture 3% short, 88% adequate, 9% surplus. Percent of acreage prepared for planting of spring crops 78%. Winter wheat 1% poor, 9% fair, 81% good, 9% excellent; 35% headed, 25% 1999, 20% avg. Barley 3% poor, 11% fair, 78% good, 8% excellent; 85% headed, 72% 1999, 82% avg. Potatoes 88% planted, 99% 1999, 94% avg. Green peas 90% planted, 96% 1999, 95% avg. Snap Beans 43% planted, 29% 1999, 12% avg. Sweet corn 34% planted, 36% 1999, 33% avg. Field Corn 28% planted, 54% 1999, 52% avg. Cucumbers 14% planted, 7% 1999, 8% avg. Tomatoes 25% planted, 38% 1999, 17% avg. Watermelons 10% planted, 12% 1999, 14% avg. Cantaloupes 9% planted, 13% 1999, 14% avg. Peaches 96% bloomed, 100% 1999, 96% avg. Strawberries 86% bloomed, 61% 1999, 66% avg. Apples 92% bloomed, 94% 1999, 86% avg. Pasture feed 16% fair, 79% good, 5% excellent. Hay supplies 8% very short, 38% short, 54% adequate.

Activities: Some rotting in early planted potatoes, field corn seed, lots of planting, field prep last week.

FLORIDA: Dry conditions persisted. A few west central, southwestern coastal localities recorded traces over 1.00 in. falling mid-week. Ft. Pierce, Jacksonville, Pensacola reported traces. Elsewhere, no measurable rain fell. Temperatures normal to 3° below at major stations. Highs 70s, 80s; lows 50s, 60s, 70s. Some northern localities recorded at least one low in 40s. Moisture in State mostly very short to short. Farmers actively planting cotton, peanuts in fields with adequate moisture. Tobacco, corn in good condition. Some wild fires in central Peninsula area due to lack of rainfall. Farmers making preparations for small grain harvest. Peanuts are 23% planted. Dry soils increasing need for irrigation with some vegetable plants wilting. Major vegetables harvested: Potatoes, tomatoes, peppers, blueberries, cabbage, cucumbers, okra, snap beans, squash, sweet corn, eggplant, watermelon. Most citrus areas dry. There were a few showers on both coasts, irrigation continues, some reservoirs dry or too low to be used. Valencia harvest continues active all areas. Grapefruit, Honey tangerine movement slowing as supplies low. Temple harvest completed. Caretakers cutting cover crops, herbiciding, hedging, topping, resetting new trees active where there is adequate water. Pasture feed 45% poor, 50% fair, 5% good. Cattle 10% poor, 80% fair, 10% good. Statewide, pasture feed poor to fair due to prolonged drought, cattle in poor to good condition. Panhandle: pasture, cattle, calves very poor. Central: pasture, cattle in poor condition due to prolonged drought; Grass short, very brown; Ranchers feeding, watering cattle. West Central: cattle condition falling, water holes drying up; Pasture very brittle, dry. Southeast: grass dormant, condition poor, due to drought. Southwest: pasture, cattle fair to good condition.

GEORGIA: Days suitable for field work 6.4. Soil moisture 21% very short, 45% short, 33% adequate, 1% surplus. Corn 2% very poor, 9% poor, 38% fair, 48% good, 3% excellent. Cotton 1% very poor, 7% poor, 50% fair, 40% good, 2% excellent. Hay 4% very poor, 14% poor, 41% fair, 38% good, 3% excellent. Sorghum 6% very poor, 8% poor, 40% fair, 44% good, 2% excellent; 34% planted, 42% 1999, 28% avg. Soybeans 6% emerged, 2% 1999, N/A avg. Tobacco 8% poor, 34% fair, 52% good, 6% excellent. Wheat 99% boot, 99% 1999, 100% avg. Onions 3% very poor, 3% poor, 16% fair, 76% good, 2% excellent; 41% harvested, 37% 1999, 44% avg. Watermelons 1% very poor, 10% poor, 43% fair, 35% good, 11% excellent; 94% planted, 95% 1999, 94% avg. Apples 7% poor, 40% fair, 47% good, 6% excellent. Peaches 1% poor, 20% fair, 49% good, 30% excellent; 3% harvested, 2% 1999, 2% avg. Warmer temperatures returned with a little rainfall in the northern part of the State. As a result, soils dried out hurting many crops, causing some planting delays. Farmers need rain. Irrigation water was being used to help cotton emerge. Dry conditions created poor stands in some cotton fields. Peanut planting was behind from the 5-year average as farmers search for ways to limit Tomato Spotted Wilt Virus infestations. Hay was baled last week. There was concern that rain is needed for a second cutting. Spraying for insects continued in wheat. Apples were thinned. Other activities included: Picking squash as well as vaccinating, treating winter calf crop.

HAWAII: Weather conditions were good to fair for agriculture. Skies ranged from mostly sunny in leeward areas to partly cloudy in windward areas. Rainfall was generally light with some areas receiving no rain. Irrigation was heavy. Crop conditions ranged from mostly fair to good. Warmer temperatures, longer daylight hours favored banana and papaya development. Harvesting of bananas, papayas will be steady. Crop conditions ranged from fair to good. Head cabbage harvesting will be steady. Irrigation was heavy due to generally dry conditions, warmer temperatures. Dry onion harvesting remained very active. Overall crop conditions were fair to good. Harvesting of sweet corn, watermelons anticipated to increase in coming weeks.

IDAHO: Days suitable for field work 5.7. Topsoil 6% very short, 22% short, 66% adequate, 6% surplus. Above normal temperatures ranging between 61 to 86° during the day, 28 to 45° at night, accelerated planting of spring crops across much of the state. Black grass bugs were reported to be a significant problem on wheat fields in Franklin county. Grasshoppers have been reported in some Power county fields. Hay, roughage 12% very short, 11% short, 72% adequate, 5% surplus. Irrigation 23% supply excellent, 57% good, 19% fair, 1% poor. Onions

100% emerged, 98% 1999, 92% avg. Dry peas 86% planted, 63% 1999, 46% avg.; 60% emerged, 18% 1999, 18% avg. Oats 57% planted, 52% 1999, 57% avg.; 33% emerged, 27% 1999, 29% avg. Lentils 56% planted, 55% 1999, 32% avg. Lentils 23% emerged, 6% 1999, 6% avg. Corn 54% planted, 41% 1999, 42% avg.; 5% emerged, 6% 1999, 6% avg. Dry Beans 0% planted, 1% 1999, 4% avg. Potatoes 63% planted, 35% 1999, 41% avg.; 6% emerged, 2% 1999, 2% avg. Sugarbeets 79% emerged, 44% 1999, 49% avg. Winter wheat 56% jointed; 2% booted. Spring wheat 7% jointed. Spring barley 8% jointed. Activities: Planting small grains, sugarbeets, onions, potatoes, dry peas, lentils, corn, dry beans, moving cattle, sheep to spring pasture, caring for livestock, spraying weeds, irrigating.

ILLINOIS: Days suitable for fieldwork 5.8. Topsoil 9% very short, 33% short, 56% adequate, 2% surplus. Soybeans 3% emerged, 0% 1999, 0% avg. Wheat 1% filled, 1% 1999, 0% avg. Oats 98% planted, 97% 1999, 93% avg.; 1% headed, 0% 1999, 1% avg.; 3% poor, 21% fair, 68% good, 8% excellent. Alfalfa 1st cut 8%, 1% 1999, 0% avg.; 1% very poor, 3% poor, 20% fair, 60% good, 16% excellent. Red clover 1% cut, 0% 1999, 0% avg.; 5% poor, 23% fair, 58% good, 14% excellent. Farmers were able to plant soybeans at a record pace. The western part of the state leads the way. Corn planting also continues at a record level. Still more rain is needed in some areas to assist emergence of the crops. The warm weather has allowed the wheat crop to develop quickly. Other activities for last week included: Spraying herbicides, applying fertilizer.

INDIANA: Days suitable for fieldwork 4.7. Topsoil 4% very short, 17% short, 69% adequate, 10% surplus. Subsoil 17% very short, 37% short, 42% adequate, 4% surplus. Field activities slowed by rain early, then made excellent progress. Rains helped topsoil moisture, most areas of state. Warm week, temperatures averaged 7 to 10° above normal. Subsoil moisture shortage remains in most areas of the state. Corn, soybean planting made good progress. Soybean planting on par with record pace established in 1988. Many corn fields emerged during the week. Application of fertilizer, nitrogen, chemicals continued. Winter wheat 100% jointed, 95% 1999, 83% avg. Range, pasture 3% very poor, 8% poor, 31% fair, 47% good, 11% excellent. Alfalfa Weevil active in some fields. Livestock remain in mostly good condition. Calving remains active. Major activities: Tillage of soils, preparing irrigation equipment, ditching, hauling manure, feeding, caring for livestock.

IOWA: Days suitable for field work 7.0. Topsoil very 37% short, 47% short, 16% adequate. Subsoil moisture 41% very short, 46% short, 13% adequate. Warm, dry weather throughout the week. Increased concern among farmers. Rains late Sunday p.m., early Monday a.m.. Should see improvement in next weeks report. Corn 95% planted, 51% 1999, 49% avg. Corn 36% emerged, 1999, 2% avg. Soybeans 56% planted, 4% 1999, 6% avg. Oats 100% planted, Oats 94% emerged, 85% 1999, 59% avg. Winter wheat 13% headed. Winter wheat 1% very poor, 4% poor, 43% fair, 44% good, 8% excellent. Fertilizer applied (including fall applications) 98% complete. Seedbed preparation (including fall preparation) 95% complete. Range, Pasture feed 8% very poor, 27% poor, 45% fair, 18% good, 2% excellent.

KANSAS: Days suitable for fieldwork 4.1. Topsoil 3% very short, 21% short, 72% adequate, 4% surplus. Subsoil moisture 3% very short, 23% short, 72% adequate, 2% surplus. Wheat 3% very poor, 9% poor, 33% fair, 45% good, 10% excellent. Wheat headed 54%, 31% 1999, 19% avg. Range, Pasture 1% very poor, 6% poor, 29% fair, 57% good, 7% excellent. Corn 86% planted, 41% 1999, 60% avg.; 46% emerged, 13% 1999, 8% avg. Sorghum 13% planted, 1% 1999, 5% avg. Soybeans 26% planted, 3% 1999, 5% avg. Alfalfa 1st 8%, 3% 1999, 3% avg.

KENTUCKY: Days suitable for fieldwork 4.1. Topsoil 1% very short, 11% short, 73% adequate, 15% surplus. Subsoil moisture 3% very short, 19% short, 71% adequate, 7% surplus. Above normal temperatures of 69° combined with below normal rain throughout State. About 5% of burley tobacco has been set in the field. Only 2% of Dark Tobacco has been set. Tobacco transplants were 39% less than 2 inches, 39% were between 2 to 4 inches, 22% were larger than 4 inches. There was an adequate number of plants reported for setting. Corn planting was active, soybean planting was getting underway. Winter wheat 78% headed, 73% 1999, 58% avg.; 1% very poor, 4% poor, 29% fair, 51% good, 15% excellent.

Pasture feeds 1% very poor, 7% poor, 30% fair, 49% good, 13% excellent. Hay 9% poor, 30% fair, 47% good, 14% excellent.

LOUISIANA: Days suitable for fieldwork 4.0. Soil moisture 4% very short, 18% short, 42% adequate, 36% surplus. Corn 1% very poor, 2% poor, 24% fair, 69% good, 4% excellent; 2% silked, 1% 1999, 0% avg. Cotton 37% emerged, 34% 1999, 24% avg. Hay 27% 1st cutting, 42% 1999, 21% avg. Rice 8% poor, 31% fair, 57% good, 4% excellent. Rice producers were applying fertilizer, herbicides. Soybeans 27% emerged, 17% 1999, 14% avg. Soybean producers continued to plant. Sorghum 41% emerged, 40% 1999, 43% avg. Spring plowing 91% plowing, 97% 1999, 95% avg. Sugarcane 3% poor, 17% fair, 48% good, 32% excellent. Sugarcane farmers were spraying, cultivating for weeds. Sweetpotatoes 5% planted, 4% 1999, 4% avg. Wheat 2% very poor, 6% poor, 35% fair, 54% good, 3% excellent; 100% headed, 99% 1999, 99% avg.; 86% turning color, 75% 1999, 56% avg.; 7% harvested, 2% 1999, 2% avg. Livestock 1% very poor, 4% poor, 28% fair, 52% good, 15% excellent. Vegetables 1% very poor, 6% poor, 38% fair, 49% good, 6% excellent.

MARYLAND: Days suitable for fieldwork 6.1. Topsoil 6% short, 82% adequate, 12% surplus. Subsoil moisture 1% very short, 9% short, 80% adequate, 10% surplus. Percent of acreage prepared for planting of spring crops 68%. Winter wheat 2% poor, 16% fair, 67% good, 15% excellent; 41% headed, 33% 1999, 30% avg. Barley 3% poor, 12% fair, 67% good, 18% excellent; 88% headed, 80% 1999, 83% avg. Rye 1% poor, 12% fair, 72% good, 15% excellent; 82% headed, 80% 1999, 83% avg. Potatoes 100% planted, 99% 1999, 97% avg. Green peas 94% planted, 100% 1999, 85% avg. Tomatoes 35% planted, 39% 1999, 52% avg. Sweet corn 32% planted, 53% 1999, 44% avg. Field Corn 33% planted, 49% 1999, 47% avg. Cucumbers 20% planted, 19% 1999, 25% avg. Snap beans 11% planted, 26% 1999, 27% avg. Cantaloupes 30% planted, 46% 1999, 47% avg. Soybeans 5% planted, 5% 1999, 4% avg. Watermelons 17% planted, 36% 1999, 35% avg. Apples 90% bloomed, 87% 1999, 81% avg. Peaches 93% bloomed, 98% 1999, 96% avg. Strawberries 87% bloomed, 76% 1999, 71% avg. Pasture feed 2% very poor, 4% poor, 13% fair, 61% good, 20% excellent. Hay supplies 4% very short, 27% short, 67% adequate, 2% surplus. Percent of 1st cutting hay crop harvest; clover, other hays 9% cut, 15% 1999, 10% avg.; alfalfa 10% cut, 11% 1999, 4% avg. Activities: Planting, field prep continue at increased pace due to warm, dry weather.

MICHIGAN: Days suitable for fieldwork 6.0. Topsoil 10% very short, 30% short, 56% adequate, 4% surplus. Subsoil 21% very short, 40% short, 38% adequate, 1% surplus. Asparagus 24% harvested, 11% 1999, 10% avg. Barley 87% planted, 86% 1999, 62% avg. Barley 55% emerged, 59% 1999, 28% avg. Oats 88% planted, 86% 1999, 69% avg. Oats 70% emerged, 61% 1999, 28% avg. Potatoes 27% planted, 42% 1999, 40% avg. Potatoes 3% emerged, 6% 1999, 5% avg. Warm, dry weather followed widespread rain on May 1. Temperatures, growing degree days (GDD) above average. Temperature deviations 9 to 15° above normal, GDD 11 to 91 units above normal. Rainfall deficits continued around State, except southern area. Growers across State concerned with dry subsoils. Corn planting proceeded rapidly all areas. Soybean planting began. Winter wheat, alfalfa growing well. Oats, barley good condition. Asparagus harvest continued. Quality reduced due to previous week's rainfall, low temperatures. Cabbage continues to grow well. Potato planting winding down, carrot planting continues with favorable planting conditions. Sweet corn continued to emerge, early planted corn at fourth leaf stage. Tomato planting begun. Onion planting continues with most of acreage planted. Celery early plantings completed, normal transplanting now full swing. Warm weather continued to push fruit maturity. Apples, tart cherries maturity ranged from petal fall southwest to full bloom northwest. Sweet cherries southwest had 8 mm fruit. Other stone fruits maturity ranged from full bloom to early fruit development. Blueberries late pink bud stage. Strawberries showing white buds. Fall raspberry canes reached 6 inches while summer raspberry canes had flower buds. Concord grape vines had 1-3 inch shoots, white varieties had reached bud burst.

MINNESOTA: Days suitable for fieldwork 6.6. Topsoil 25% very short, 42% short, 32% adequate, 1% surplus. Corn 97% ground prepared, 81% 1999, 71% avg. Soybeans 75% ground prepared, 34% 1999, 30% avg. Green peas 72% planted, 47% 1999, 47% avg. Potatoes 51% planted, 40% 1999, 33% avg. Sweet corn 34% planted, 21% 1999, 18% avg. Dry

beans 9% planted, 7% 1999, 5% avg. Canola 56% planted, 0% 1999, NA% avg. Pasture feed 3% very poor, 17% poor, 47% fair, 31% good, 2% exc. Alfalfa 1% very poor, 9% poor, 37% fair, 46% good, 7% exc. Rye 1% very poor, 7% poor, 44% fair, 42% good, 6% excellent. Winter Wheat 1% very poor, 4% poor, 25% fair, 57% good, 13% excellent. Fieldwork continued at a quick pace as warm, dry weather persisted until Sunday night. Corn planting is over three weeks ahead of the 5-year average. Corn has begun to emerge at a record early date with the unseasonably warm weather this spring. Soybean planting is over two weeks ahead of the 5-year average, a few producers are starting to report the emergence of soybeans.

MISSISSIPPI: Days suitable for fieldwork 3.5. Soil moisture, 3% very short, 11% short, 65% adequate and 21% surplus. Corn 98% planted, 97% 1999, 94% avg.; 92% emerged, 89% 1999, 86% avg.; 7% poor, 26% fair, 56% good, 11% excellent. Cotton 56% planted, 39% 1999, 37% avg.; 29% emerged, 17% 1999, 16% avg. Rice 63% planted, 82% 1999, 84% avg.; 35% emerged, 42% 1999, 56% avg.; 3% poor, 40% fair, 53% good, 4% excellent. Sorghum 74% planted, 73% 1999, 65% avg.; 50% emerged, 46% 1999, 49% avg.; 1% very poor, 2% poor, 22% fair, 70% good, 5% excellent. Soybeans 47% planted, 39% 1999, 33% avg.; 29% emerged, 25% 1999, 21% avg. Wheat 100% heading, 97% 1999, 93% avg.; 3% mature, 4% 1999, 4% avg.; 3% poor, 34% fair, 46% good, 17% excellent. Watermelons 81% planted, 71% 1999, 73% avg.; 1% very poor, 4% poor, 19% fair, 74% good, 2% excellent. Blueberries 3% poor, 28% fair, 62% good, 7% excellent. Cattle, 5% poor, 17% fair, 63% good, 15% excellent. Pasture 9% poor, 20% fair, 57% good, 14% excellent. Last week's excellent weather conditions resulted in an increase in planted acreage for rice, 27%; sorghum, 21% soybeans, 23% cotton, 37%.

MISSOURI: Days were suitable for fieldwork 6.1. Topsoil 34% very short, 41% short, 24% adequate, 1% surplus. Planting soybeans was the main farming activity throughout the State. The Bootheel, the southwest had the least amount of days with 5.0, 5.3 days respectively. By the end of the week 94% of the ground had been worked at least once for spring crops, excluding no-till, compared with 77% normally. Portions of several counties in the east-central part of the State received 5 to 11 inches of rain over the weekend and flash flooding occurred. The north-central, central districts were the driest with over 90% in very short to short categories. The highest ratings were in the Bootheel with 68% adequate to surplus. Ninety-six percent of the corn was planted, well ahead of the 37% 1999, 49% normally planted at this time. All districts reported over 93% planted. Soybeans were 41% planted, 13% emerged. Soybean planting was about 3 weeks ahead of 1999, normal. Winter wheat condition, virtually unchanged from last week, was rated as 1% very poor, 5% poor, 32% fair, 51% good, 11% excellent. West-central, east-central, southwest, the Bootheel districts reported the best conditions with over 70% in the good to excellent category. Pasture, range feeds declined from last week, were reported at 20% very poor, 37% poor, 36% fair, 7% good. The weekly precipitation averaged 0.72 inch although the northwest, north-central districts averaged 0.05 inches each.

MONTANA: Days suitable for fieldwork 6.2. Topsoil 24% very short, 50% short, 25% adequate, 1% surplus. Subsoil moisture 31% very short, 48% short, 21% adequate, 0% surplus. The weather was cooperative for fieldwork, planting progress was very good for the week. However, topsoil moisture continued to decline, is rated at short or very short for a majority of the state. Oats 53% planted, 56% 1999, 43% avg.; 24% emerged, 22% 1999, 13% avg. Sugar beets 98% planted, 97% 1999, 84% avg. 54% emerged, 81% 1999, 38% avg. Corn 36% planted, 27% 1999, 36% avg.; 6% 1999, 8% avg. Dry beans planted 30%, 26% 1999, 13% avg. Dry beans emerged 5%, 0% 1999, 1% avg. Potatoes 2% planted, 8% 1999, 8% avg. There are some reports of aphids in the winter wheat. Producers are spraying for aphids, weeds. Calving, lambing is making good progress as few problems have occurred and death losses are minimal. Calving completed 95%, 93% 1999, 94% avg. Lambing completed 83%, 73% 1999, 79% avg. Cattle, calves moved to summer ranges 34%, 30% 1999, 28% avg. Sheep, lambs moved to summer ranges 18%, 25% 1999, 22% avg. Pastures are starting to green but without rain there may be less forage. Heavy rains will be needed to fill reservoirs to normal levels.

NEBRASKA: Days suitable for fieldwork 5.8. Topsoil rated mostly short to adequate, subsoil moisture supplies mostly short to very short. Temperatures across the State averaged 5 to 11^o above normals for the week. Precipitation ranged from .10 inch in the Northeast to .60 inch in the Panhandle. Corn 79% planted, 23% 1999, 41% avg.; 24% emerged, 1% 1999, 2% avg. Soybeans 26% planted, 1% 1999, 3% avg. Sorghum 3% planted, 0% 1999, 2% avg. Winter Wheat 5% very poor, 11% poor, 38% fair, 43% good, 3% excellent; 62% jointed, 62% 1999, 45% avg. Wheat streak mosaic, Russian aphids a concern in the southern Panhandle, greenbugs in portions of the Southwest. Oats 94% emerged, 90% 1999, 59% avg.; 1% very poor, 12% poor, 41% good, 46% good. Pasture, range feed 9% very poor, 24% poor, 44% fair, 22% good, 1% excellent. Other producer activities included: Moving cattle to spring pasture, livestock care.

NEVADA: Temperatures continued to average much above normal, especially in the South. Rainfall was widespread across the north with Elko receiving .43 inch, Ely .37 inch, Winnemucca .22 inch. Some additional snow accumulated in the higher mountains. Irrigation water supplies, enhanced by the precipitation, were mostly adequate. Spring grain planting was nearly completed emergence was aided by the warm, moist weather. Fields were being prepared for corn, summer vegetable planting. Potato planting continued in full swing. Onion planting complete. The unseasonably mild weather has raised optimism for fruit crops. Spraying, cultivation for weed control was active. Pasture, range conditions rated mostly good and reseeded range benefitted greatly from the timely rains. Calving, lambing near complete. Branding, movement to Spring range continued. Main farm, ranch activities: Field preparation, grain planting, potato planting, weed control, branding, working cattle, preparing for hay harvest.

NEW ENGLAND: : Days suitable for fieldwork: 5.7. Topsoil 3% short, 75% adequate, 22% surplus. Subsoil moisture 3% short, 75% adequate, 22% surplus. Pasture feed 4% very poor, 15% poor, 36% fair, 42% good, 3% excellent. Rhode Island potatoes 30% planted, 75% 1999, 45% avg.; 5% emerged, 5% 1999, 5% avg.; condition excellent. Massachusetts potatoes 55% planted, 60% 1999, 50% avg. Oats 10% planted, 35% 1999, 15% avg. Barley 15% planted, 35% 1999, 15% avg. Sweet corn: 15% planted, 20% 1999, 15% avg.; condition fair to good. First crop hay condition good to fair. Apples: Bud to Early Bloom Stage, condition good to fair. Peaches: Early Bloom Stage, condition good to fair. Strawberries: Bud Stage, condition good to fair. Cranberries: Bud Stage to Dormant Stage, condition good to fair. Highbush blueberries: Bud to Early Bloom Stage, condition good to fair. Wild Blueberries: Bud Stage, condition fair. Weather warmed up, fields were starting to dry up. Major farm activities: Planting field corn, fixing fences, turning cattle out to pasture, plowing, applying fertilizer, spreading manure, planting sweet corn, setting out cole crops, spraying apples, preparing fields for shade tobacco planting.

NEW JERSEY: Days suitable for field work 6.7. Topsoil 34 % short, 61 % adequate, 5 % surplus. Blueberries were in full bloom in most areas as harvest will begin in four to five weeks. Strawberries were picked in some localities. Clear weather allowed cultivating, planting in most areas that were prevented earlier in the growing season due to cool and wet weather conditions.

NEW MEXICO: Days suitable for field work 6.5. Topsoil 49% very short, 27% short, 24% adequate, 0% surplus. After a cool start unseasonably warm weather gripped for the remainder of the week. A number of locations reported record-breaking high temperatures during the latter part of the week. For the week the States temperature averaged 6^o above normal. The only precipitation reports were from rain that fell the evening of 4/30. Amounts were very spotty, light. A hail storm did cause light crop damage in Lea County. Spring planting continued to be the main farm activity during the week. The chile, lettuce, onion crops were all reported in mostly good to excellent condition. Irrigated wheat remained in fair to good condition, while the dryland wheat was reported in very poor to fair condition showing the effects of the hot, dry weather. Supplemental feeding of cattle continued during the week due to drought conditions. Both cattle, sheep conditions declined during the week with higher percentages falling in the very poor, poor ranges.

Pasture, range feed conditions continued to deteriorate, 20% very poor, 26% poor, 38% fair, 16% good, 0% excellent.

NEW YORK: Days suitable 5.4. Soil moisture 4% short, 85% adequate, 11% surplus. Pasture feed 15% fair, 58% good, 27% excellent. Oat 30% fair, 60% good, 10% excellent. Wheat 13% fair, 87% good. Corn 10% planted, 30% 1999, 14% avg. Oats 39%, planted, 50% 1999, 76% avg. Orange County onion planting near completion. Strawberries in full bloom. Sweet corn planting 20% finished. Apples at 60% full bloom. Pears in full bloom. Some freeze damage to peaches.

NORTH CAROLINA: Days suitable for field 5.2. work compared to 2.8 last week A warm dry week in the state allowed farmers to make major gains in spring planting. The weather helped fields dry. Statewide soil moisture levels returned to mostly adequate after the previous six consecutive weeks of significant widespread moisture. Soil moisture 0% very short, 7% short, 73% adequate, 20% surplus. Corn, cotton, peanut plantings along with tobacco setting were the major activities conducted this week. Corn planting is nearing completion, well over half emerged. Other activities included: Sorghum planting, land preparation, the first cutting of hay. Isolated areas in the Coastal Plain had to re-plant some corn acreage due to April's cool, wet weather.

NORTH DAKOTA: Days suitable for field work 6. Topsoil 2% very short, 12% short, 80% adequate, 6% surplus. Subsoil moisture was 3% very short, 19% short, 75% adequate, 3% surplus. Warm, dry weather allowed for substantial planting progress this week. Durum wheat 36% planted, 11% 1999, 10% avg.; 10% emerged, 2% 1999, 2% avg. Canola 68% planted, 16% 1999; 20% emerged, 2% 1999. Dry Edible Beans 1% planted, 0% 1999, 0% avg. Flaxseed 43% planted, 10% 1999, 9% avg.; 6% emerged, 1% 1999, 1% avg. Potatoes 57% planted, 20% 1999, 15% avg.; 5% emerged, 1% 1999, 0% avg. Soybeans were 12% planted, 0% 1999, 3% avg. Sunflowers 3% planted, 0% 1999, 1% avg. Calving 95% complete. 49% of the cattle were receiving supplemental feed. Lambing 95% complete, shearing was 96% complete. 47% of the sheep were receiving supplemental feed. Hay, roughage 0% very short, 2% short, 88% adequate, 10% surplus. Grain, concentrate, 0% very short, 3% short, 87% adequate, 10% surplus. Pasture, range 3% very poor, 9% poor, 38% fair, 44% good, 6% excellent.

OHIO: Days suitable for fieldwork 4.5 days. Topsoil 0% very short, 4% short, 85% adequate, 11% surplus. Corn 44% planted, 58% 1999, 34% average. Corn 3% emerged, 13% 1999, 4% avg. Oats 92% planted, 94% 1999, 82% avg. Oats 69% emerged, 84% 1999, 60% avg. Potatoes 47% planted, 73% 1999, 43% avg. Processing tomatoes 5% planted, 12% 1999, 5% avg. Soybeans 19% planted, 33% 1999, 15% avg. Sugarbeets 41% planted. Tobacco beds having plants up 80%, 94% 1999. Winter wheat jointed 96%, 93% 1999, 68% avg. Apples in full bloom 88%. Peaches in full bloom 85%; 95% in 1999. Pasture 1% very poor, 4% poor, 23% fair, 53% good, 19% excellent. Winter wheat 0% very poor, 1% poor, 12% fair, 51% good, 36% excellent. Apples 3% very poor, 3% poor, 18% fair, 59% good, 17% excellent. Peaches 5% very poor, 9% poor, 17% fair, 53% good, 16% excellent. Hay 0% very poor, 5% poor, 21% fair, 57% good, 17% excellent. Activities throughout the state include: Applying anhydrous ammonia, fertilizer, lime; drilling soybeans, planting corn, soybeans, oats; hauling manure, plowing, chiseling, discing, applying pre-emergence herbicides, burning brush, clearing fence rows, equipment maintenance, preparation, installing tile, moving grain, sowing oats, alfalfa seedings, planting sweet corn, setting tomatoes, planting grasses, legumes, marketing grain, top dressing wheat, seeding peppers, buying seed. Alfalfa weevil damage was reported in many parts of central and southern area. One reporter mentioned weevil damage in wheat fields. Flea beetles in corn, bagworms, chick weed, powdery mildew in wheat were also reported. Warm temperatures, rain have caused weed growth in pastures across the state. Livestock were reported in good to excellent condition. Calving, lambing are progressing normally throughout the state.

OKLAHOMA: Days suitable for fieldwork 4.4. Topsoil 1% very short, 8% short, 83% adequate, 8% surplus. Subsoil moisture 2% very short, 19% short, 76% adequate, 3% surplus. Wheat 100% jointing, 99% last week, 100% 1999, 99% avg.; 15% soft dough, 12% last week, 17% 1999, 8% avg. Rye 1% very poor, 2% poor, 14% fair, 67% good, 16% excellent, 100% jointing, 100% last week, 99% 1999, n/a avg.; 98% headed, 94% last week, 95% 1999, n/a avg.; 29% soft dough, 25% last week, 48%

1999, n/a avg.; Oats 2% very poor, 5% poor, 27% fair, 55% good, 11% excellent, 99% jointing, 99% last week, 94% 1999, 82% avg.; 62% headed, 42% last week, 68% 1999, 48% avg.; 11% soft dough, 11% last week, 12% 1999, 9% avg. Corn 100% seedbed prepared, 93% last week, 99% 1999, 100% avg.; 95% planted, 69% last week, 92% 1999, 77% avg.; 45% emerged, 20% last week, 14% 1999, 32% avg. Sorghum 68% seedbed prepared, 53% last week, 56% 1999, 51% avg. Soybeans 79% seedbed prepared, 69% last week, 73% 1999, 72% avg.; 31% planted, 25% last week, 19% 1999, 22% avg.; 15% emerged, 15% last week, 7% 1999, 9% avg.; Peanuts 71% seedbed prepared, 61% last week, 71% 1999, 78% avg. Cotton 88% seedbed prepared, 80% last week, 87% 1999, 77% avg. Alfalfa Hay 2% poor, 22% fair, 62% good, 14% excellent; 57% first cutting, 42% last week, 31% 1999, 30% avg. Other Hay 2% poor, 26% fair, 63% good, 9% excellent; 24% first cutting, 17% last week, 19% 1999, 16% avg. Livestock 1% poor, 16% fair, 70% good, 13% excellent; Cattle marketings heavy. Feeder cattle prices steady to \$1.00 per cwt. higher than last week.

OREGON: Days suitable for fieldwork 7. Topsoil 14% short, 78% adequate, 8% surplus. Subsoil 8% short, 79% adequate, 13% surplus. Barley 89% emerged, 30% fair, 41% good, 29% excellent. Spring wheat 92% planted, 94% 1999. Winter wheat 26% fair, 55% good, 19% excellent, 5% headed. Range, pasture 19% fair, 72% good, 9% excellent. Activities: In Eastern area grain crops looked good. Spring grain planting winding down. In Malheur County crops one to two weeks ahead of schedule. In Mid-Columbia basin, frost last week took out spring canola. In Umatilla County showers hampered first cutting of hay. Willamette Valley field crops were looking good. Grass seed fields were starting to head. Field corn planting had began. Red, crimson clover starting to bloom. In Rogue River Valley most grain crops planted. Wholesale nurseries busy planting, digging, repotting, moving out balled trees, shrubs. Greenhouses continue to move bedding plants to retail outlets for spring planning. Grass, weed control in Christmas trees had good weather for chemicals to work. Malheur County reported hand weeding started in onion fields, herbicides applied. In north Willamette Valley, salad vegetables growing good, more planted. Sweet corn, green beans continued to be right on schedule. Onions, potatoes planted. Some southwestern counties too cool & wet to start vegetable plantings but others occupied with field preparations. Greenhouses reported still busy with vegetable plant sales. In Northwest region fruit is doing well overall, but there was report of light plum set, light prune crop. Berry growth above average, nearing peak bloom. Walnut orchards in blossom, leafing well in both Northwest region, in Jackson county. Southern coastal areas reported two cranberry frosts. Livestock condition mostly good. In Klamath County, most cattle been turned out on lower elevation ranges as stock animals arrive from California. Range, pasture feed mostly good. In Willamette Valley, growth about normal but would improve with warmer weather. In east, earliest range is beginning to dry.

PENNSYLVANIA: Days suitable for field work 5.6. Soil moisture 7% short, 89% adequate, 4% surplus. Spring 71% plowing, 75% 1999, 71% avg. Corn 28% planted, 1999, 27% avg. Soybeans 7% planted, 5% 1999, 3% avg. Oats 86% planted, 82% 1999, 76% avg.; 57% emerged, 49% 1999, average not available. Potatoes 32% planted, 38% 1999, 31% avg.; 67% heading or headed, 33% 1999, 35% avg. Wheat 5% heading or headed, 11% 1999, 10% avg.; 2% poor, 7% fair, 70% good, 21% excellent. Oat crop 2% poor, 20% fair, 72% good, 6% excellent. Alfalfa, alfalfa mixtures stand 2% very poor, 6% poor, 20% fair, 62% good, 10% excellent. Timothy clover stand 5% very poor, 6% poor, 17% fair, 59% good, 13% excellent. Activities include: Spring plowing; planting oats, potatoes, field corn, sweet corn, alfalfa; ensiling small grains; fixing fences; machinery maintenance; ordering supplies; spreading lime, fertilizers; hauling manure; caring for livestock; spraying fruit trees, alfalfa, weeds.

SOUTH CAROLINA: Days suitable for field work 6.1. Soil moisture 7% very short, 45% short, 47% adequate, 1% surplus. Apples 43% fair, 56% good, 1% excellent. Barley 99% headed, 78% 1999, 69% avg.; 51% turned color, 24% 1999, 25% avg.; 27% ripe, 1% 1999, 3% avg.; 5% fair, 52% good, 43% excellent. Cantalopes 87% planted, 95% 1999, 90% avg.; 4% poor, 31% fair, 55% good, 10% excellent. Corn 100% planted, 99% 1999, 98% avg.; 95% emerged, 88% 1999, 1% poor, 20% fair, 71% good, 8% excellent. Cotton 31% planted, 29% 1999, 40% avg.; 26% fair, 71% good, 3% excellent. Cucumbers 99% planted, 95% 1999, 87% avg.; 3% poor, 13% fair, 61% good, 23% excellent. Grain Hay 59% harvested,

51% 1999, 45% avg. Hay 1% poor, 16% fair, 72% good, 11% excellent. Oats 98% headed, 94% 1999, 94% avg.; 59% turned color, 34% 1999, 35% avg.; 23% ripe, 1% 1999, 6% avg.; 1% poor, 16% fair, 73% good, 10% excellent. Peaches 4% very poor, 4% poor, 6% fair, 58% good, 28% excellent. Peanuts 47% planted, 43% 1999, 44% avg.; 30% fair, 55% good, 15% excellent. Rye 98% headed, 92% 1999, 76% avg.; 50% turned color, 29% 1999, 33% avg.; 7% ripe, 1% 1999, 4% avg.; 2% poor, 22% fair, 72% good, 4% excellent. Snap beans 91% planted, 77% 1999, 77% avg.; 5% fair, 90% good, 5% good. Sorghum 65% planted, 49% 1999, 31% avg.; 100% good. Soybeans 11% planted, 12% 1999, 9% avg.; 3% poor, 20% fair, 73% good, 4% excellent. Sweetpotatoes 40% planted, 19% 1999, 20% avg.; 50% fair, 50% excellent. Tobacco 98% transplanted, 98% 1999, 94% avg.; 8% fair, 89% good, 3% excellent. Tomatoes 97% planted, 100% 1999, 96% avg.; 2% fair, 45% good, 53% excellent. Watermelons 96% planted, 96% 1999, 93% avg.; 3% poor, 27% fair, 64% good, 6% excellent. Winter grazings 3% very poor, 14% poor, 31% fair, 46% good, 6% excellent. Winter wheat 99% headed, 96% 1999, 95% avg.; 34% turning color, 23% 1999, 24% avg.; 8% ripe, 1% 1999, 4% avg.; 1% very poor, 2% poor, 16% fair, 71% good, 10% excellent.

SOUTH DAKOTA: Days suitable for field work 5.7. Topsoil 5% very short, 25% short, 64% adequate, 6% surplus. Subsoil moisture 6% very short, 31% short, 57% adequate, 6% surplus. Feed supplies 4% short, 83% adequate, 13% surplus. Stock water supplies 2% very short, 11% short, 78% adequate, 9% surplus. Winter rye 6% poor, 15% fair, 53% good, 26% excellent. Winter Rye boot 6%, 16% 1999, 9% avg. Winter wheat boot 9%, 50% 1999, 17% avg. Sorghum emerged 0%, NA% 1999, NA% avg. Range, pasture 1% very poor, 4% poor, 31% fair, 52% good, 12% excellent. Cattle 5% fair, 76% good, 19% excellent. Calving 88% complete. Cattle move to pasture 38% complete. Sheep 6% fair, 74% good, 20% excellent. Lambing 89% complete. Hot windy days speeded the drying out of fields until a band of showers moved through Saturday, Sunday. Farmers jumped at the opportunity to plant crops racing through small grains, corn, starting on soybeans ahead of the schedule.

TENNESSEE: Days suitable for fieldwork 4. Topsoil 4% short, 75% adequate, 21% surplus. Subsoil moisture 12% short, 78% adequate, 10% surplus. Tobacco 6% transplanted, 7% 1999, 8% avg. Wheat 94% headed, 89% 1999, 82% avg.; 2% poor, 18% fair, 57% good, 23% excellent. Pastures 1% very poor, 4% poor, 20% fair, 60% good, 15% excellent. Alfalfa 15% first cutting complete, 15% 1999, 11% avg.; 2% poor, 22% fair, 59% good, 17% excellent. Other hay 11% first cutting complete, 4% 1999; 4% poor, 24% fair, 56% good, 16% excellent. Cattle 2% poor, 21% fair, 62% good, 15% excellent. Drier conditions, warmer temperatures during the first part of last week allowed farmers to make good progress with planting activities. The wheat crop was rated in mostly good-to-excellent condition, but is in need of sunshine, drier conditions. Producers continue to find disease in some areas, many are taking corrective measures if possible. Tobacco transplanting started on a very limited scale last week. Most areas are ready to begin transplanting as soon as weather permits. Many areas are reporting shorter than normal stands of grass due to the cool April weather. Many hay fields are mature, growers are waiting for dry weather before cutting their crop. Nurserymen are busy lining out, digging, hauling trees, shrubs. Strawberry harvest has begun in many areas of the State. Temperatures averaged 4 to 6° above normal for the week.

TEXAS: Fieldwork continued, but was interrupted, slowed in many areas as rain showers crossed much of the state. Accumulations ranged from trace amounts to around five inches, run-off problems were experienced at times in some locations. In a few areas crop damage was considerable as large hail, high winds accompanied some of the rain showers. Elsewhere, windy conditions continued to deplete available soil moisture especially in areas where rain fall has been limited. Hauling water to remaining livestock, shade trees around homes continued in some locations. Haying operations continued to expand in some areas, in other areas it was too wet to bale. In the Rio Grande Valley, Winter Garden areas, vegetables continued to make progress but rains were needed. Field Crops: Small Grains: In areas where grain thrashing will be possible producers were getting ready, a few early fields were cut. Some remaining dryland small grains continued to be in generally poor condition, were being baled for hay or grazed out. Rust continued to be a problem in some areas. Statewide wheat 40% normal compared with 71% 1999 Harvested Published 1%, 1999 2%, Average 1%. Corn:

Planting remained active but was winding down on the Plains, was mostly completed in other areas. Cultivation continued where possible in most planted areas, early corn continued to tassel. In a few areas high winds, hail caused severe damage. Statewide corn 85% normal 73% 1999. Silked Published 10%, 1999 6%, Average 1%. Cotton: Cotton planting continued in northern areas, however some other areas were still too dry to plant. Squaring continued in early cotton in southern areas. Some replanting remained necessary as damage from hail was extensive in a few locations. Squaring Published 2%, 1999 2%, Average 1%. Rice: Early planted fields continued to be flooded. Little to no damage was sustained from the storms that crossed the rice areas. State wide rice condition was rated at 88% normal 89% 1999. Sorghum: Planting continued to move northward as weather, moisture conditions allowed, however sorghum planting will be delayed or canceled in some areas if moisture levels are not adequate. A few fields have headed in southern areas, cultivation continued where necessary. Statewide sorghum 77% normal, 82% 1999. Headed Published 6%, 1999 2%, Average 2%. Peanuts: Land preparation continued in the growing areas, planting became active in the Plains, continued in Central State, was mostly completed in South area Soybeans: Land preparation remained active where possible. Planting continued along the upper Coast, South Central, began on the Plains. Planting was delayed in some areas where conditions were too wet, in other areas because it was too dry. Emergence of earlier planting's continued to be favorable. Commercial Vegetables, Fruit and Pecans: Rio Grande Valley, melon harvest remained slow but harvest continued for greens, carrots, beans, peas, potatoes. Onion harvest continued to wind down, lack of moisture was posing stress to some crops as the hot, dry weather continued. San Antonio-Winter Garden, harvest of cabbage, carrots continued, green beans, peas, onions made good progress. Heavy rains, hail caused damage to some melons, but was minor in other crops. East area, planting continued, but progressed slowly for peas, cucumbers, peppers, egg plants, as wet conditions prevailed. Sweet potato planting was mostly on hold until drying occurred. Insect pressure continued to increase in response to the wet conditions, harvest continued where possible for broccoli, onions, cauliflower. High Plains, carrot planting continued, land preparation remained active but slowed at times as high winds continued. Peaches: The first sprays continued in parts of the Plains and fruit setting continued in central and southern areas. Harvest continued with early varieties in a few locations and was mostly completed in some locations. Storm damage was severe in some orchards in various locations across the state. Pecans: nutlet development continued in most areas. Zinc applications continued to be applied by producers in southern, central areas, spraying for pecan nut casebearers began in a few locations. Some producers were applying grafts in their orchards. Range, Livestock: High winds and warm temperatures slowed recovery on the Plains however recovery had not started in a few locations. The Trans-Pecos regions remained mostly void of favorable moisture. In areas where green-up has been slow supplemental feeding was still necessary. Planting of new grass continued in other locations where soil moisture was adequate. Supplemental feeding declined in the wetter areas as haying operations continued expanded. In some areas it was too wet to cut or bale hay.

UTAH: Days suitable for field work 7. Topsoil 4% very short, 40% short, 54% adequate, 2% surplus. Subsoil moisture 2% very short, 30% short, 67% adequate, 1% surplus. Sheep 1% very poor, 3% poor, 25% fair, 67% good, 4% excellent. Pasture, range feed 1% very short, 9% poor, 38% fair, 50% good, 2% excellent. Average alfalfa height 11 inches, 8 inches 1999, 8 inches avg. Corn 54% planted, 11% 1999, 29% avg. Spring wheat 87% emerged, 79% 1999, 77% avg. Barley 85% emerged, 79% 1999, 73% avg. Oats 83% planted, 69% 1999, 65% avg.; emerged 49%, 43% 1999, 39% avg. Potatoes 77% planted, 36% 1999, 31% avg. Ewes lambing on range 82%, 84% 1999, 80% avg. Sheep sheared on range 93%, 92% 1999, 88% avg. Major farm, ranch activities included: Finishing planting of small grains, corn for silage. Grasshoppers currently hatching, baiting continued.

VIRGINIA: Days suitable for fieldwork 6.1. Topsoils 1% very short, 9% short, 79% adequate, 11% surplus. Subsoil moisture 1% very short, 18% short, 70% adequate, 11% surplus. Pastures 3% poor, 18% fair, 65% good, 14% excellent. Livestock 2% poor, 12% fair, 68% good, 18% excellent. Other Hay 2% poor, 18% fair, 60% good, 20% excellent. Alfalfa Hay 1% very poor, 1% poor, 9% fair, 61% good, 28% excellent. Corn for Grain 47% planted, 60% 1999, 52% 5-yr avg. Soybeans 5% planted, 3% 1999, 3% 5-yr avg. Winter Wheat 1% very poor, 6% poor, 20% fair, 57% good, 16% excellent. Barley 1% very poor, 4% poor, 16% fair, 58% good,

21% excellent. Tobacco greenhouse 4% fair, 45% good, 51% excellent. Tobacco plantbeds 10% poor, 18% fair, 55% good, 17% excellent. Flue-cured tobacco 14% transplanted, 23% 1999, 15% 5-yr avg. Burley tobacco 2% transplanted, 4% 1999, 1% 5-yr avg. Peanuts 17% planted, 39% 1999, 31% 5-yr avg. Cotton 45% planted, 65% 1999, 56% 5-yr avg. Apples 6% fair, 55% good, 39% excellent. Peaches 2% poor, 23% fair, 67% good, 8% excellent. Temperatures for the week averaged about 5° above normal across the Commonwealth. Some isolated areas of the state received small amounts of rainfall, however, average precipitation levels are still below normal. Hot dry weather allowed farmers to continue planting crops, begin their 1st hay cutting. Peanut, cotton producers took advantage of the warm, dry weather as both crops made substantial planting progress this week. Flue tobacco transplanting was in full swing after weather delays the previous week. Small grains are in good condition as the warmer, dryer weather is clearing up mildew problems. Cereal leaf beetles reported as less of a problem this year. Other activities for the week included: Planting vegetables, picking strawberries, spraying crops.

WASHINGTON: Days suitable for fieldwork 4.63. Topsoil 20% short, 76% adequate, 4% surplus. Subsoil moisture 26% short, 73% adequate, 1% surplus. Winter wheat, dryland 12% fair, 69% good, 19% excellent; irrigated 100% good. Headed 3%, 0% 1999, 1% Avg. Winter wheat condition continued to be favorable across eastern state, in some areas winter wheat was starting to head out. Spring wheat, dryland 79% fair, 21% good; irrigated 100% good. Planted 97%, 96% 1999, 86% avg.; emerged 81%, 76% 1999, 68% avg. Barley, dryland 47% fair, 53% good; irrigated 100% good. Planted 95%, 92% 1999, 84% avg.; emerged 79%, 72% 1999, 59% avg. Planting of spring cereal crops were winding down last week, but warmer weather, more precipitation would be beneficial. Potatoes 8% fair, 90% good, 2% excellent. Planted 100%, 92% 1999, 88% avg.; 52% emerged, 32% 1999, 42% avg. Hay, roughage 95% adequate, 5% surplus. Range, Pasture 15% poor, 33% fair, 47% good, 5% excellent. Planting of spring crops were winding down. The 1st cutting of alfalfa hay was started. Asparagus was also being harvested with excellent quality being reported. Blueberries were in full bloom, strawberries were setting fruit. Blueberry growers continued to report blossom injury due to a freeze week before last. Fruit trees were being thinned, irrigated. Midge traps were being set in Douglas Fir fields by Christmas tree growers. Also, growers were reporting hatching of Cooley spruce gall adelgids in Christmas trees. Tulip growers were preventing disease problems by removing spent flowers. The wet weather in western state were causing a decline in bedding plant sales.

WEST VIRGINIA: Days suitable for fieldwork 6.0. Topsoil 5% very short, 22% short, 72% adequate, 1% surplus. A good week for field activities. Planting of corn, oats, soybeans are ahead of the average, but behind 1999 progress. Topsoil moisture conditions is nearing 1999 levels. Intended Acreage Prepared for Spring Planting 76%, 89% 1999, 77% 5-yr avg. Wheat 10% fair, 70% good, 20% excellent; Wheat headed 17%, 25% 1999, 20% 5-yr avg. Hay 1% very poor, 14% poor, 37% fair, 43% good, 5% excellent. Corn 42% planted, 60% 1999, 32% 5-yr avg. Soybeans 15% planted, 22% 1999, 6% 5-yr avg. Oats 84% Planted, 89% 1999, 75% 5-yr avg; Oats 43% emerged, 52% 1999, 44% 5-yr avg. Tobacco beds seeded 100%, 99% 1999, 100% 5-yr avg. Tobacco beds emerged 97%, 89% 1999, 93% 5-yr avg. Apple 16% poor, 65% fair, 19% good. Peach 16% poor, 64% fair, 20% good. Cattle 1% very poor, 4% poor, 18% fair, 71% good, 6% excellent; 90% calved. Sheep 13% fair, 81% good, 6% excellent; 97% lambing. Feed grain supplies 5% very short, 11% short, 68% adequate, 16% surplus. Hay, roughage supplies 20% very short, 31% short, 49% adequate.

WISCONSIN: Days suitable for fieldwork 6.8. Soil moisture: 13% very short, 52% short, 35% adequate, 0% surplus. Farmers in all areas of the state were busy planting crops during the past week. Farmers worked into darkness throughout the week planting, tilling, spraying, fertilizing fields. Temperatures rose well into the 80s during the past week for many locations, aiding in germination of early-planted crops. Warmer temperatures returned after the previous week's showers, which helped increase soil temperatures. There was very little rainfall reported last week, which caused soil moistures to slip from mostly adequate to short, very short. Spring tillage: 88% 2000, 70% 1999, 56% 5-year average. Alfalfa, pastures grew quickly due to the increase in temperatures. Many potato growers had finished planting by the end of last week, but growers in extreme northern state had just started. Other vegetable growers were

also busy planting snapbeans, peas, sweet corn. Orchards had begun early spraying of apple trees last week

WYOMING: Days suitable for fieldwork 5.8. Topsoil 2% very short, 36% short, 62% adequate. Subsoil moisture 54% short, 46% adequate. Barley 87% planted, 81% 1999, 84% avg.; 64% emerged, 61% 1999, 58% avg.; 1% jointed, 2% 1999, 2% avg. Oats 69% planted, 58% 1999 60% avg.; 36% emerged, 24% 1999, 20% avg. Spring wheat 60% planted, 56% 1999, 59% avg.; 21% emerged, 36% 1999, 27% avg. Winter wheat jointed 13%, 14% 1999, 7% avg. Sugarbeets 49% emerged, 38% 1999, 25% avg. Corn 44% planted, 27% 1999, 34% avg. Spring calves born 95%, 93% 1999, 95% avg. Farm flock ewes lambed 96%, 95% 1999, 98% avg. Farm flock sheep 96% shorn, 91% 1999, 96% avg. Range flock ewes lambed 57%, 43% 1999, 41% avg. Range flock sheep shorn 84%, 71% 1999, 78% avg. Calf, lamb losses light to normal. Range, pasture feed 1% very poor, 1% poor, 32% fair, 63% good, 3% excellent. Stock water supplies 3% very short, 30% short, 67% adequate.