Weekly Weather and Crop Bulletin
State Stories

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ALABAMA: Days suitable for fieldwork 6.6. Topsoil 13% very short, 46% short, 41% adequate. Corn 100% planted, 100% 2001, 99% avg.; 95% emerged, 99% 2001. Soybeans 35% planted, 44% 2001, 46% avg.; 22% emerged, 27% 2001, 23% avg. Winter wheat 100% headed, 100% 2001, 99% avg.; 18% harvested, 3% 2001, 17% avg.; 3% poor, 31% fair, 56% good, 10% excellent. Hay Harvested 58% 1st cutting, 75% 2001, 66% avg. Pasture, range 3% very poor, 14% poor, 30% fair, 46% good, 7% excellent. Livestock 1% very poor, 2% poor, 18% fair, 62% good, 19% excellent.

ALASKA: NO DATA AVAILABLE

ARIZONA: Temperatures throughout most of the State were below average for the week. There was again no precipitation. Severity of the drought has caused ranchers to provide supplemental feed, reduce cattle herds. Cotton planting was virtually complete; 10% squaring, 11% 2001, 13% avg.

ARKANSAS: NO DATA AVAILABLE

CALIFORNIA: Cotton plants continued to develop well. Irrigation, cultivation and insecticide treatments were underway in most fields. Some alfalfa was being cut for silage or baled for hay. Throughout the State alfalfa fields were in all stages of development. Alfalfa seed was growing vigorously and bloom was underway in many fields. Harvesting of small grains planted as winter forage continued in some areas. Corn straw was cut, windrowed, baled and stacked. Barley was being cut for silage or baled for hay. Some harvested barley fields weredisced in preparation for planting the next crop. Fields of wheat continued to mature as harvest neared. Occasional wheat fields were being cut for silage. Recent rains caused lodging in some grain fields. Robust growth was evident in field corn; growers were irrigating and fertilizing. A few growers were still planting corn for silage. Good progress continued in sugar beets; growers were irrigating and cultivating. Planting of dry beans and rice continued in some areas. Herbicide treatments were applied to rice fields. Weed control, fungicide application, cultivation, irrigation and other cultural activities continued in orchards and vineyards. This season's stone fruit harvest continued. Rainier and Tulare cherries, Mayfire and May Grand nectarines, Spring Crest and Spring snow peaches, Red Beuat plums, and Caslote apricots were being picked and packed. Cherry growers were still assessing damage caused by rain and thunderstorms early in the week. Fruit thinning neared completion in stone fruit orchards. Apple growers applied treatments to control insect and disease problems. Grape vineyards continued to develop lush growth. Table grape growers applied plant growth regulators to thin and lengthen fruit clusters; hand crews were removing excess clusters and stripping leaves for improved fruit color and development. Olive, avocado and pomegranate bloom neared completion. Navel orange picking was winding down, as valencia orange picking remained active. Lemons were harvested in the coastal areas. Grapefruit was harvested in the Coachella Valley. Boysenberry and blueberry growers were harvesting. Strawberry harvest continued in many areas. Recent rains, followed by warm weather caused some decay of fruit. Almond orchards displayed good crop development; growers irrigated, mowed orchard floors and applied treatments to control weeds, insects and diseases. Pistaichio, walnut and pecan orchards showed good crop development; irrigation was in progress in some orchards. Unseasonably cool temperatures and scattered thunderstorms hindered vegetable crop development, but crops were recovering with warmer temperatures later in the week. Vegetable growers were thinning, weeding, irrigating, and treating for insect and disease control. Fresno County's summer vegetables and melon crops showed robust growth, while processing and fresh market tomatoes were blossoming. Sweet corn is progressing normally in Tulare County. Cucumbers and various peppers were blooming and setting fruit. Monterey County's harvest of iceberg lettuce and other lettuces was heavy. Onions were thriving. Some tomato transplanting occurred. Carrots, garlic, onions and potatoes were being harvested in Kern County. San Joaquin Valley asparagus cutting was nearly completed. In various counties growers were harvesting beets, radishes, squash, cucumbers, leeks, green onion, sugar peas, snow peas, spinach, thyme, and basil. Range and pastures in the southern half of the State were described as very dry and getting drier. Recent rains were too late to be of much benefit. Stocker and feeder steers were moving to market or summer pastures. Sheep grazed fallow fields in several locations. Bees were pollinating melons, vegetables and alfalfa.

COLORADO: Days suitable for fieldwork 6.2. Topsoil 57% very short, 33% short, 10% adequate. Subsoil 56% very short 36% short, 8% adequate. Continued warm, mostly dry until an approaching cold front late in the week brought high winds to the San Luis Valley, Eastern plains. Snow in the mountain areas and along the front range and moderate to limited moisture to most other areas. Spring barley 94% emerged, 91% 2001, 93% avg.; 3% very poor, 6% poor, 40% fair, 34% good, 17% excellent. Dry onions 2% poor, 13% fair, 80% good 5% excellent. Sugar beets 66% Up to stand, 68% 2001, 48% avg.; 12% very poor 14% poor, 24% fair, 31% good, 19% excellent. Sunflower 9% planted, 6% 2001, 0% avg. Summer potatoes 93% planted, 98% 2001, 98% avg.; 45% emerged, 56% 2001, 64% avg.; 3% very poor, 4% poor, 7% fair, 58% good, 28% excellent. Fall potatoes 95% planted, 83% 2001, 89% avg.; 20% emerged, 13% 2001, 5% avg. Dry beans 9% planted, 13% 2001, 15% avg.; 2% emerged, 2% 2001, 2% avg. Spring wheat 99% planted, 97% 2001, 96% avg.; 91% emerged, 89% 2001, 82% avg.; 2% very poor, 3% poor, 39% fair, 37% good 19% excellent. Alfalfa 7% 1st cutting, 11% 2001, 10% avg.

DELWARE: Days suitable for fieldwork 6.3. Topsoil 3% very short, 18% short,71% adequate, 8% surplus. Subsoil 7% very short, 55% short, 38% adequate. Barley 1% very poor, 3% poor, 26% fair, 51% good, 19% excellent; 52% turned, 36% 2001, 41% avg. Winter wheat 1% very poor, 3% poor, 24% fair, 59% good, 13% excellent; 92% headed, 90% 2001, 84% avg.; 14% turned, 9% 2001, 5% avg. Range, pasture 2% poor, 22% fair, 59% good, 17% excellent. Corn 96% planted, 93% 2001, 85% avg.; 84% emerged, 73% 2001, 44% avg. Sorghum 20% planted, 24% 2001, 18% avg. Soybeans 33% planted, 17% 2001, 16% avg. Watermelons 52% planted, 44% 2001, 50% avg. Strawberries 50% harvested, 19% 2001, 20% avg. Cucumbers 20% planted, 22% 2001, 24% avg. Sweet corn 66% planted, 64% 2001, 58% avg. Snap beans 63% planted, 50% 2001, 44% avg. Tomatoes 45% planted, 49% 2001, 56% avg. Cantaloupes 49% planted, 53% 2001, 52% avg. Green peas 10% harvested, 3% 2001, 6% avg. Other hay 62% 1st cutting harvested, 44% 2001, 54% avg. Alfalfa hay 57% 1st cutting, 48% 2001, 52% avg. Hay supplies 19% short, 79% adequate, 2% surplus. Acreage prepared for Spring planting 94% complete. Frost damage has been reported in
some areas due to recent cool temperatures. By week’s end, conditions warmed up to normal. Very little precipitation last week. Some peas being irrigated, and strawberry harvest continues.

**FLORIDA:** Rainfall traces to over 4.50 in. Temperature 2 to 9° below normal. Daytime highs 70s, 80s. Nighttime lows 50s, 60s; Tallahassee, Alachua had at least one low in 40s. Southeastern coastal localities, a few inland areas of southern Peninsula recorded heavier rain amounts as low pressure system passed off east coast on north bound journey. Few localities reported no measurable rain.

Topsoil 8% very short, 76% short, 16% adequate. Subsoil 12% very short, 76% short, 12% adequate. Peanuts 75% planted, 75% 2001, 79% avg. Topsoil, subsoil moisture mostly fair, northern Peninsula areas central, most southern Peninsula areas. Oat plantings are complete, oats 99% emerged. Emergence reduced, 2% excellent. Sugarbeets 93% emerged, 98% 2001, 92% avg. Alfalfa hay 1st cutting 10% harvested, 22% 2001, 13% avg. Dry beans 32% planted, 31% 2001, 25% avg.; 16% emerged; 0% 2001, 1% avg. Field corn 87% planted, 85% 2001, 88% avg.; 51% emerged; 52% 2001, 57% avg. Dry peas 89% emerged, 64% 2001, 73% avg. Lentils 75% emerged, 55% 2001, 61% avg. Oats 87% planted, 93% 2001, 88% avg.; 70% emerged, 66% 2001, 65% avg. Hay, roughage supply 1% very short, 15% short, 66% adequate, 18% surplus. Activities: Applying herbicides, green chopping alfalfa, preparing fields for bean planting, planting potatoes, garbanzo beans, field corn.

**GEORGIA:** Days suitable for fieldwork 6.4. Soil moisture 11% very short, 41% short, 47% adequate, 1% surplus. Corn 16% silked, 6% 2001, 11% avg. Cotton 2% very poor, 11% poor, 39% fair, 41% good, 7% excellent. Hay 3% very poor, 11% poor, 33% fair, 47% good, 6% excellent. Peanuts 1% very poor, 5% poor, 46% fair, 42% good, 6% excellent; 5% blooming, 3% 2001, 4% avg. Sorghum 3% very poor, 9% poor, 37% fair, 49% good, 2% excellent; 61% planted, 47% 2001, 56% avg. Soybeans 1% very poor, 10% poor, 53% fair, 27% good; 3% excellent. Tobacco 6% very poor, 21% poor, 47% fair, 23% good, 3% excellent. Onions 99% harvested, 86% 2001, 87% avg. Watermelons 1% very poor, 5% poor, 45% fair, 41% good, 8% excellent. Apples 1% very poor, 4% poor, 21% fair, 60% good, 14% excellent. Peaches 1% very poor, 1% poor, 15% fair, 78% good, 5% excellent; 7% harvested, 10% 2001, 12% avg. Pecans 1% very poor, 5% poor, 41% fair, 47% good, 6% excellent. Temperatures last week were below normal. Cool nighttime temperatures hindered some crop development. Soil moisture levels were considered short to adequate. Many counties reported declining crop conditions caused by the continuing drought. Hay cutting and wheat harvesting were active throughout the State. Disease problems were reported in wheat. Peanut and cotton planting continued. Several counties reported thrp buildup in cotton. Tomato Spotted Wilt Virus increased in tobacco. Tobacco fields were treated for budworms and hornworms. Peach trees were sprayed for leaf disease, scab and insects. Other activities included picking squash, harvesting small grains, routine livestock and poultry management.

**IHAWAI: **Increased sunny periods, warm temperatures over most of the State benefitted most crop and pasture conditions, allowed farmers to resume normal field activities. Sugarcane harvesting has been periodically interrupted by the increased frequency of rain this past winter, but there is optimism for higher sugar yields. Good coffee flowering in Kona coffee growing region, raising expectations for upcoming seasons’ crop.

**IDAHO:** Days suitable for fieldwork 5.1. Topsoil 1% very short, 32% short, 62% adequate, 5% surplus. Irrigation water supply 3% very poor, 19% poor, 34% fair, 43% good, 1% excellent. Potatoes 92% planted, 96% 2001, 91% avg.; 16% emerged, 24% 2001, 23% avg. Winter wheat 78% jointed, 81% 2001, 83% avg.; 8% rooted, 25% 2001, 33% avg. Spring wheat 8% jointed, 18% 2001, 26% avg. Barley 8% jointed, 25% 2001, 27% avg. Sugarbeets 93% emerged, 98% 2001, 92% avg. Alfalfa hay 1st cutting 10% harvested, 22% 2001, 13% avg. Dry beans 32% planted, 31% 2001, 25% avg.; 16% emerged; 0% 2001, 1% avg. Field corn 87% planted, 85% 2001, 88% avg.; 51% emerged; 52% 2001, 57% avg. Dry peas 89% emerged, 64% 2001, 73% avg. Lentils 75% emerged, 55% 2001, 61% avg. Oats 87% planted, 93% 2001, 88% avg.; 70% emerged, 66% 2001, 65% avg. Hay, roughage supply 1% very short, 15% short, 66% adequate, 18% surplus. Activities: Applying herbicides, green chopping alfalfa, preparing fields for bean planting, planting potatoes, garbanzo beans, field corn.

**ILLINOIS:** Days suitable for fieldwork 3.5. Topsoil 56% adequate, 44% surplus. Corn avg. height 3 in., 7 in. 2001, 5 in. avg. Wheat 43% filled, 56% 2001, 49% avg.; 1% turning yellow, 11% 2001, 7% avg. Oats 13% headed, 18% 2001, 15% avg.; 7% filled, 4% 2001, 4% avg.; 1% very poor, 2% poor, 21% fair, 64% good, 12% excellent. Alfalfa 17% cut, 43% 2001, 39% avg.; 1% very very poor, 7% poor, 25% fair, 56% good, 11% excellent. Red clover 11% cut, 40% 2001, 31% avg., 5% poor, 33% fair, 51% good, 11% excellent. Farmers were able to return to their fields across the state last week with many farmers in northern areas finishing up planting corn while others in the south were just happy to get into their fields to plant corn for the first time this year. The driest soils remain in the northwestern area of the state with the wettest being in the southeast. Conditions have been less than ideal for crops that have been planted for over a month now with farmers hoeing their corn fields this last week in an attempt to improve emergence and growth and replanting in wet holes where possible. Heavy rains have compacted soils and due to the lateness of the year many farmers have begun to plant in less than ideal conditions in an attempt to get their corn planted. Record low temperatures occurred early in the week accompanied by heavy frost across the north. Farmers are waiting to see how much permanent damage was done. Most of the emerged corn was in the 1-3 leaf stage and received leaf injury but should recover with minimal yield loss. Few soybeans had even emerged and few reports of damage were received. The first cutting of hay has begun but will be slow going between rains. Farmers have begun cutting pasture for hay also as they have grown ahead in the cattle crop growth. Farmers spent the week scouting for very cool last week planting corn and soybeans, spraying, cutting hay and scouting for dry fields.

**INDIANA:** Days suitable for fieldwork 4.3. Topsoil 53% adequate, 47% surplus. Subsoil 53% adequate, 47% surplus. Best week thus far this season for field activities. Good progress planting corn and soybeans, most areas. Fieldwork gained momentum after mid-week. Rainfall some areas during the week. Soils remain cool, wet spots exist in many fields. River bottoms very wet. Corn, soybean planting is about three weeks behind average. Corn, soybean emergence is slow. Corn has yellowish color. Some replanting will be necessary. Weeds remain a major problem in many fields. Temperatures averaged 6° to 13° below normal. Precipitation none to 1.86 in. Winter wheat 57% good to excellent, 65% 2001. Hay cutting, baling underway. Pastures 1% very poor, 2% poor, 17% fair, 61% good, 19% excellent. First cutting alfalfa hay 14% complete, 27% 2001, 27% avg. Livestock in mostly good condition. Feedlots remain muddy. Spring calving winding down. Major activities: Working on equipment, tilling soils, spraying, spreading fertilizer, hauling manure, moving grain to market, mowing roadsides, clearing fence rows and taking care of livestock.

**IOWA:** Cool temperatures, slightly below normal rainfall caused mixed results for crop progress items in Iowa this week. With the drier weather, Days suitable for fieldwork 5.0. Farmers were able to plant nearly a third of the State’s soybean crop. Soybeans plantings remain ahead of normal at 84% complete, compared to 54% last week, 76% avg. However, the cool weather continues to slow soybean emergence. Iowa’s soybeans were only 24% emerged, well below the norm of 38%. Corn emergence 76%, showed a large increase from last week despite the cool weather, was near the norm of 80%. Corn plantings were near normal at 98% complete. Oat plantings are complete, oats 99% emerged. Emergence problems, poor stands in northern districts have forced some farmers to
replant their corn, while farmers were rotary hoeing in some areas in an effort to break up crust soils, aid crop emergence. State’s first evaluation of the corn crop shows the variability associated with this spring’s adequate moisture levels but changeable growing conditions. Corn currently rated 2% very poor, 9% poor, 36% fair, 47% good, 6% excellent. Oat conditions mostly unchanged 3% poor, 17% fair, 60% good, 20% excellent. Pasture conditions declined very slightly 5% poor, 21% fair, 55% good, 19% excellent. Topsoil moisture levels 1% very short, 17% short, 70% adequate, 12% surplus.

KANSAS: Days suitable for fieldwork 4.2. Topsoil 16% very short, 18% short, 42% adequate, 24% surplus. Subsoil 23% very short, 24% short, 40% adequate, 13% surplus. Scatterd shower activity improved moisture somewhat in Western areas, while most of eastern areas had an overabundance of rain and some flooding in low-lying areas. Wheat 94% headed, 96% 2001, 96% avg.; 18% very poor, 23% poor, 33% fair, 24% good, 2% excellent. Corn 98% planted, 99% 2001, 97% avg.; 82% emerged, 94% 2001; 2% very poor, 6% poor, 45% fair, 4% good, 3% excellent. Sorghum 33% planted, 62% 2001, 44% avg.; 19% emerged, 36% 2001. Soybeans 45% planted, 75% 2001, 63%; 27% emerged, 49% 2001. Sunflowers 12% planted, 42% 2001. Alfalfa 42% 1st cutting, 87% 2001, 68% avg. Pasture 16% very poor, 18% poor, 30% fair, 30% good, 6% excellent.

KENTUCKY: Days suitable for fieldwork 4.2. Topsoil 2% short, 59% adequate, 39% surplus. Subsoil 2% short, 57% adequate, 41% surplus. Record and near record low temperatures, frost occurred during the first half of the week. Some tender crops were hurt by the cold weather. Temperatures by the weekend had returned to summertime level. Rainfall for the period totaled 0.15 in statewide, a welcome change for farmers trying to get into their fields to plant crops and set tobacco. Fields in various areas of the State were still underwater or unable to be worked. Winter wheat 1% very poor, 9% poor, 27% fair, 45% good, 18% excellent. Yields still look good but some disease has been reported. Barley 5% harvested. Burley tobacco 31% set, 46% 2001, 43% avg.; dark tobacco 27% set, 58% 2001, 47% avg. Set tobacco 2% very poor, 11% poor, 40% fair, 40% good, 7% excellent.. Hay 1% very poor, 3% poor, 22% fair, 53% good, 21% excellent. Cutting, trying to bale hay between showers. Pasture 1% very poor, 2% poor, 17% fair, 54% good, 26% excellent. Grain sorghum 16% planted. Corn, soybean planting made good progress after weeks of rain delays.

LOUISIANA: Days suitable for fieldwork 6.5. Soil moisture 35% very short, 41% short, 24% adequate. Corn 5% very poor, 17% poor, 42% fair, 29% good, 7% excellent; 15% silked, 2% last week, 6% 2001, 15% avg. Cotton 5% very poor, 14% poor, 46% fair, 34% good, 1% excellent; 84% emerged, 72 last week, 97% 2001, 92% avg. Hay 63% first cutting, 49% last week, 71% 2001, 64% avg. Peaches 2% harvested, 0% last week, 11% 2001, 6% avg. Sorghum 26% poor, 52% fair, 22% good; 78% emerged, 68% last week, 89% 2001, 84% avg. Spring plowing 38% plowed, 97% last week, 97% 2001, 98% avg. Sugarcane 3% very poor, 16% poor, 32% fair, 40% good, 9% excellent. Sweet potatoes 36% planted, 22% last week, 45% 2001, 34% avg. Wheat 2% very poor, 8% poor, 37% fair, 45% good, 8% excellent; 100% turning color, 95% last week, 99% 2001, 100% avg; 45 harvested, 22% last week, 54% 2001, 52% avg. Livestock 3% very poor, 12% poor, 39% fair, 43% good, 3% excellent. Vegetables 3% very poor, 21% poor, 46% fair, 29% good, 1% excellent.

MARYLAND: Days suitable for fieldwork 5.9. Topsoil 3% very short 26% short, 86% adequate, 3% surplus. Subsoil 7% very short, 56% short, 36% adequate, 1% surplus. Barley 1% poor, 13% fair, 60% good, 26% excellent; 60% turned, 31% 2001, 45% avg. Winter wheat 3% poor, 15% fair, 54% good, 28% excellent; 100% headed, 88% 2001, 90% avg.; 14% turned, 4% 2001, 9% avg. Range, pasture 1% very poor, 7% poor, 28% fair, 45% good, 19% excellent. Corn 94% planted, 88% 2001, 87% avg.; 76% emerged, 68% 2001, 41% avg. Strawberries 47% harvested, 27% 2001, 34% avg. Green peas 15% harvested, 9% 2001, 8% avg. Sweet corn 81% planted, 65% 2001, 74% avg. Lima beans 29% planted, 19% 2001, 29% avg. Tobacco 62% transplanted, 28% 2001, 34% avg. Watermelons 57% planted, 44% 2001, 69% avg. Cucumbers 44% planted, 42% 2001, 53% avg. Snap beans 36% planted, 38% 2001, 54% avg. Soybeans 26% planted, 27% 2001, 24% avg. Tomatoes 74% planted, 84% 2001, 83% avg. Cantaloupes 70% planted, 67% 2001, 78% avg. Sorghum 19% planted, 19% 2001, 18% avg. Other hay 50% 1st cutting, 41% 2001, 40% avg. Alfalfa Hay 69% 1st cutting, 48% 2001, 51% avg.; supplies 7% very short, 11% short, 77% adequate, 5% surplus. Acreage prepared for spring planting 93%. Dry conditions last week allowed for significant progression in planting, harvesting activities. Cool temperatures from the previous week through early last week caused some frost damage to corn, vegetables.

MICHIGAN: Days suitable for fieldwork 5.0. Topsoil 1% very short, 5% short, 74% adequate, 20% surplus. Subsoil 6% short, 79% adequate, 15% surplus. All Hay 3% 1st cut, 6% 2001, 9% avg. Asparagus 40% harvested, 39% 2001, 40% avg. Soybeans 90% ground prepared, 93% 2001, 98% avg. Barley 45% emerged, 92% 2001, 91% avg. Oats 91% planted, 95% 2001, 97% avg. Oats 75% emerged, 92% 2001, 92% avg. Potatoes 75% planted, 89% 2001, 86% avg. Potatoes 25% emerged, 59% 2001, 56% avg. Temperatures 7 to 11° below normal State. Some frost hit most areas of State. Cool soil temperatures slowed emergence of most crops statewide. Rainfall 0.24 in. western Upper Peninsula, southeast Lower Peninsula to 0.71 in. northwest Lower Peninsula. Corn planting at full tilt. Due to low soil temp. stents, hard to plant and mud across southeastern. Pasture feed 2% very poor, 12% poor, 28% fair, 44% good, 5% excellent. Alfalfa 6% very poor, 15% poor, 32% fair, 41% good, 6% excellent. Barley 4% poor, 33% fair, 58% good, 5%
Excellent. Spring wheat 2% very poor, 5% poor, 34% fair, 54% good, 5% excellent. Crop development continued to be hampered last week by another cool week accompanied with frost many nights. Corn emergence has progressed enough for many producers to assess their fields. There are many reports that the cool May temperatures have resulted in uneven corn stands. Scattered replanting is underway. However, many producers are still undecided whether replanting will be necessary.

MISSISSIPPI: Days suitable for fieldwork 6.3. Soil moisture 15% very short, 32% short, 48% adequate, 5% surplus. Corn 2% silked, 6% 2001, 5% avg.; 1% very poor, 5% poor, 18% fair, 54% good, 21% excellent. Cotton 93% planted, 95% 2001, 96% avg.; 84% emerged, 91% 2001, 83% avg.; 1% squashed, 3% 2001, 1% avg.; 6% very poor, 16% poor, 41% fair, 31% good, 6% excellent. Rice 98% planted, 99% 2001, 97% avg.; 92% emerged, 94% 2001, 88% avg.; 11% poor, 22% fair, 65% good, 2% excellent. Sorghum 94% planted, 99% 2001, 92% avg; 89% emerged, 94% 2001, 85% avg.; 2% poor, 29% fair, 67% good, 2% excellent. Soybeans 87% planted, 94% 2001, 83% avg.; 75% emerged, 87% 2001, 69% avg.; 1% very poor, 3% poor, 25% fair, 59% good, 6% excellent. Wheat 40% mature, 54% 2001, 49% avg.; 4% harvested, 5% 2001, 9% avg.; 18% poor, 43% fair, 30% good, 9% excellent. Hay 85% harvested (Cool Season), 90% 2001, 78% avg.; 14% harvested (Warm Season), 13% 2001, 12% avg.; 9% very poor, 12% poor, 32% fair, 30% good, 17% excellent. Sweet potatoes 15% planted, 11% 2001, 16% avg. Watermelons 100% planted, 96% 2001, 87% avg.; 1% very poor, 13% poor, 45% fair, 27% good, 14% excellent. Cattle, 2% very poor, 7% poor, 25% fair, 55% good, 11% excellent. Pasture, 9% very poor, 13% poor, 32% fair, 39% good, 7% excellent. Cool weather has slowed progress of crops, while central, southern areas still need rain.

MISSOURI: Days suitable for fieldwork 3.0. Topsoil 1% short, 51% adequate, 48% surplus. Excessive moisture has slowed growth of crops, caused discoloration as well as poor stands in many wet fields. Eighty percent of the ground intended for spring crops has been worked (excluding no-till), compared with 98% 2001, 95% avg. Over 35% of the intended corn in the northeast, east-central and south-central districts remains unplanted, while other districts are much closer to completion. Farmers are re-planting some flooded corn, cotton fields where field conditions permit. Soybean planting is most advanced in the northwest district at 67%, north-central at 32%, while the southwest and south-central districts are least advanced at 6%. Warm, dry weather is needed for all crops. Pastures 3% poor, 19% fair, 58% good, 20% excellent. Rainfall 0.99 in., ranging from less than 0.40 in. the east-central, south-central and southeast districts, to more than an inch in all other districts, with the west-central district highest at 2.00 in.

NEBRASKA: Temperatures 3 to 8° below normal for the week. Precipitation was scattered, light statewide, except for the southeast area with amounts ranging from 0.5 to over 2.0 in. Crop emergence slowed due to cool soils. Topsoil, subsoil moisture mostly short to very short in Central, Southwest, Panhandle counties. Days suitable for fieldwork 5.4. Spring planting activities active. Wheat, alfalfa, pasture growth slow due to cool conditions. Dry bean planting 12%, 8% 2001, 14% avg. Alfalfa 1st cutting 11%, 26% 2001, 19% avg. Pastures in Southwest, Panhandle districts mostly poor to very poor condition.

NEVADA: Storms passed across State early in the week adding a dusting of snow to the northern mountains, a sprinkling of rain to the valleys. Temperatures warmed as the week went on, exceeding seasonal norms by the end of the week. Spring planting of field crops drew to a close with the last of the potato, corn fields planted. Growers continued to assess frost damage in northern areas, foregoing irrigation on some severely damaged fields. Onions, garlic were in generally good condition. Alfalfa fields fair to good. Calving, branding continued and stock were being moved to summer range. Main farm and ranch activities: Irrigation, corn and potato planting, pest control, weed control, fertilizing, working and moving livestock.

NEW ENGLAND: Days suitable for fieldwork 5.7. Topsoil 1% very short, 8% short, 80% adequate, 11% surplus. Subsoil 5% very short, 22% short, 69% adequate, 4% surplus. Pasture feed 1% very poor, 4% poor, 16% fair, 75% good, 4% excellent. Maine potatoes 55% planted, 85% 2001, 65% avg.; good. Rhode Island potatoes 100% planted, 99% 2001, 95% avg.; good/excellent. Massachusetts potatoes 90% planted, 90% 2001, 88% avg.; good/fair. Maine oats 60% planted, 80% 2001, 70% avg.; good. Maine barley 65% planted, 85% 2001, 70% avg.; good. Field corn 55% planted, 80% 2001, 55% avg.; fair/good. Sweet corn 50% planted, 65% 2001, 55% avg.; fair/good. First crop hay 15% harvested, 5% 2001, 10% avg.; good/fair. Shade tobacco: 20% planted, 55% 2001, 55% avg.; good/fair. Broadleaf tobacco: 10% planted, 5% 2001, 15% avg.; good/fair. Apples petal fall/full bloom stage fruit set b.avg/b.avg.; fair/good. Peaches petal fall stage; fruit set b.avg/b.avg.; fair. Pears petal fall stage; fruit set b.avg to avg.; fair/poor. Strawberries full bloom/petal fall stage; fruit set b.avg to avg.; good/fair. Massachusetts cranberries bud stage; good. Highbush blueberries full bloom to early bloom stage; good/fair. Maine wild blueberries early bloom stage; fair to good. Cool, but dry week allowed many farmers to return to their fields across most of State. Early morning frost kept fruit, vegetable growers busy trying to prevent damage to their vulnerable crops. Major farm activities included: Planting field corn, vegetables, sweet corn, tobacco, potatoes, oats, barley; harvesting spinach, asparagus, lettuce, rhubarb; spreading manure; applying fertilizer; plowing and diskig; irrigating orchards, cranberry bopor frost protection.

NEW JERSEY: Days suitable for fieldwork 5.6. Topsoil 96% adequate, 4% surplus. Range, pasture 40% fair, 54% good, 6% excellent. Corn 62% planted. Corn 38% emerged. Soybeans 35% planted. Soybeans 15% emerged. Producers began cutting, baling hay in some areas. Activities included field preparation, spraying, fertilizing, harvesting vegetables. Vegetable producers made good progress planting cucumbers, eggplant, sweet corn, tomatoes, sweet potatoes. Dry weather allowed producers to make good progress harvesting asparagus, lettuce, spinach, apples, peaches mostly fair to good condition. Producers also began harvesting peas in some areas. Orchard producers began thinning fruit on peach trees. Strawberry harvest continued with crop condition rated as mostly fair to good.

NEW MEXICO: An upper level disturbance which crossed the State near the end of the week ushered in cooler air across portions of the State. As a result, average temperatures for the week were generally near or a few degrees below normal. Two systems resulted in some spotty showers on Monday and towards the end of the week. Topsoil range, while 43% of sheep, lambs have been moved. Movement to summer range is still behind 2001, when 59% cattle and calves, 64% sheep and lambs were moved. Average is 70%, 62%, respectively. Calving progress is nearing completion as 98% of the calving is completed compared with 99% 2001 and the average of 98%. While lambing is nearing completion at 92%, it is still slightly behind 2001 95% and the average is 92%.
OKLAHOMA: Days suitable for fieldwork 5.0. Subsoil 24% very short, 28% short, 44% adequate, 4% surplus. Topsoil 15% very short, 22% short, 59% adequate, 4% surplus. Wheat 73% soft dough, 61% last week, 65% 2001, 62% avg.; 1% harvested, 1% 2001, 2% avg. Alfalfa 85% 1st cutting, 76% last week, 74% 2001, 87% avg.; 6% 2nd cutting, 17% 2001, 10% avg.; 3% very poor, 7% poor, 26% fair, 57% good, 7% excellent. Other Hay 46% 1st cutting, 34% last week, 52% 2001, 46% avg.; 4% very poor, 10% poor, 34% fair, 42% good, 10% excellent. Rye 10% very poor, 15% poor, 25% fair, 45% good, 5% excellent. Oats 96% jointing, 94% last week, 98% 2001, 97% avg.; 70% headed, 63% last week, 87% 2001, 88% avg.; 58% soft dough, 42% last week, 48% 2001, 52% avg.; 7% very poor, 6% poor, 42% fair, 2% good, 1% excellent. Corn 95% planted, 92% last week, 95% 2001, 98% avg.; 93% emerged, 81% last week, 88% 2001, 92% avg.; 1% poor, 34% fair, 62% good, 3% excellent. Sorghum 29% emerged, 22% last week, 35% 2001, 16% avg.; 6% poor, 32% fair, 61% good, 1% excellent. Soybeans 77% seedbed prepared, 76% last week, 90% 2001, 90% avg.; 48% planted, 40% last week, 72% 2001, 55% avg.; 38% emerged, 28% last week, 55% 2001, 34% avg.; 21% fair, 77% good, 2% excellent. Watermelons 97% Planted, 88% last week, 88% 2001, 96% avg.; 45% running, 3% last week, 34% 2001, 24% avg.; Peanuts 45% emerged, 25% last week, 56% 2001, 40% avg.; 3% poor, 25% fair, 68% good, 4% excellent. Cotton 45% emerged, 35% last week, 56% 2001, 37% avg.; 45% fair, 49% good, 6% excellent. Livestock 2% very poor, 6% poor, 25% fair, 55% good, 12% excellent. Pasture & Range 6% very poor, 14% poor, 25% fair, 39% good, 14% excellent. Cattle auctions reported a strong increase in marketing of both short and fatter heifers less than 800 pounds and feeder heifers less than 800 pounds slipped from last week and averaged $78.10 per cwt. The price for feeder heifers less than 800 pounds declined from last week and averaged $73.00 per cwt.

Oklahoma agricultural conditions (as of 6.6

OHIO: Days suitable for fieldwork 3.3. Topsoil 67% adequate, 33% surplus. Corn 45% planted, 100% 2001, 95% avg.; 20% emerged, 95% 2001, 75% avg. Soybeans 20% planted, 88% 2001, 79% avg.; 7% emerged, 74% 2001, 48% avg. Sugarbeets 98% planted, 100% 2001. Winter wheat 41% headed, 89% 2001, 71% avg.; 1% turning color, 1% 2001, 2% avg. Oats 97% planted, 100% 2001, 100% avg.; 89% emerged, 100% 2001, 97% avg.; 8% headed, 7% 2001, 9% avg. Tobacco 2% transplanted, 0% 2001. Potatoes 72% planted, 86% 2001, 89% avg. Alfalfa 11% 1st cutting complete, 17% 2001, 26% avg. Other hay 8% 1st cutting complete, 12% 2001, 18% avg. Processing tomatoes 46% planted, 50% 2001, 56% avg. Strawberries 4% harvested, 7% 2001, 6% avg. Corn 5% very poor, 16% poor, 47% fair, 28% good, 4% excellent. Hay 1% very poor, 8% poor, 27% fair, 54% good, 10% excellent. Livestock 2% poor, 16% fair, 65% good, 17% excellent. Pasture 1% very poor, 4% poor, 24% fair, 57% good, 14% excellent. Oats 1% very poor, 10% poor, 34% fair, 50% good, 5% excellent. Winter wheat 3% very poor, 7% poor, 23% fair, 51% good, 14% excellent. Strawberry 4% very poor, 5% poor, 33% fair, 48% good, 10% excellent. Farming activities taking place last week included row crop planting, herbicide spraying, hay making, pasture mowing, equipment maintenance.

Pennsylvania: Fair week for fieldwork. Days suitable for fieldwork 4.0. Soil moisture 3% short, 68% adequate, 29% surplus. Spring plowing 88% complete, 94% 2001, 92% avg. Corn planted 72% complete, 86% 2001, 81% avg.; 50% emerged complete, 64% 2001; 10% poor, 34% fair, 50% good, 6% excellent. Barley 93% heading or headed complete, 91% 2001, 91% avg. Winter wheat 65% heading complete, 68% 2001, 67%
other hay 45% 1st cutting, 57% 2001, 60% avg. Pastures 2% poor, 18% fair, 62% good, 18% excellent. Dry conditions across State last week allowed hay producers to make excellent progress harvesting their crop. Over a quarter of the first cutting of the State’s hay acreage was harvested last week, although progress still lags behind normal. Abnormally cool weather of the past few weeks, coupled with the recent bottomland flooding, has noticeably taken it’s toll on the State’s row crops, especially cotton. Thousands of acres of crops have been lost due to 76% 2001. The latest planted cotton crop since 1991. An additional 10% of the soybean acreage was planted last week with reports of yellowing from weather conditions. Virtually all of the State’s corn has emerged with a few reports of insect and freeze damage. The main agricultural activities last week were transplanting tobacco, harvesting hay, applying chemicals. High pressure dominated the weather with dry and unseasonably cool conditions.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.3. Soil moisture 13% very short, 40% short, 47% adequate. Corn 9% silked, 3% 2001, 4% avg.; 2% yellow, 3% fair, 6% poor. Soybeans 48% planted, 30% 2001, 31% avg.; 2% poor, 43% fair, 54% good, 1% excellent. Sorghum 71% planted, 53% 2001, 61% avg.; 1% poor, 19% fair, 78% good, 2% excellent. Cotton 92% planted, 70% 2001, 82% avg.; 1% very poor, 3% poor, 43% fair, 52% good, 1% excellent. Peanuts 92% planted, 74% 2001, 85% avg.; 36% fair, 50% good, 14% excellent. Winter Wheat 99% turning color, 92% 2001, 91% avg.; 89% ripe, 38% 2001, 50% avg.; 26% harvested, 6% 2001, 8% avg.; 1% very poor, 4% poor, 29% fair, 60% good, 6% excellent. Barley 97% turning color, 86% 2001, 84% avg.; 75% ripe, 42% 2001, 52% avg.; 23% harvested, 4% 2001, 16% avg.; 24% fair, 76% good. Pastures 2% very poor, 6% poor, 25% fair, 56% good, 11% excellent. Rye 96% turning color, 84% 2001, 89% avg.; 86% ripe, 59% 2001, 61% avg.; 26% harvested, 6% 2001, 19% avg.; 1% very poor, 2% poor, 49% fair, 44% good, 4% excellent. Winter Wheat 99% turning color, 92% 2001, 91% avg.; 91% ripened, 78% avg.; 64% 2001, 65% avg.; 37% harvested, 15% 2001, 28% avg.; 6% poor, 13% poor, 34% fair, 46% good, 1% excellent. Sweet potatoes 50% planted, 39% 2001, 57% avg.; 45% fair, 55% good. Tobacco 7% very poor, 10% poor, 26% fair, 55% good, 2% excellent. Grain 86% harvested, 91% 2001, 88% avg.; 1% very poor, 9% poor, 38% fair, 51% good, 1% excellent. Peaches 4% harvested, 7% 2001, 8% avg.; 2% poor, 17% fair, 43% good, 38% excellent. Apples 32% fair, 67% good, 1% excellent. Cabbage 99% planted, 99% 2001, 99% avg.; 7% poor, 48% fair, 45% good. Tomatoes 99% planted, 100% 2001, 100% avg.; 2% very poor, 2% poor, 2% fair, 47% good, 47% excellent. Cantaloupes 97% planted, 96% 2001, 97% avg.; 5% poor, 36% fair, 59% good. Livestock 2% poor, 22% fair, 54% good, 22% excellent.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.0. Topsoil 7% very short, 30% short, 60% adequate, 3% surplus. Subsoil 13% very short, 24% short, 57% adequate, 6% surplus. Feed supplies 3% very short, 18% short, 76% adequate, 3% surplus. Stock water supplies 10% very short, 22% short, 65% adequate, 3% surplus. Winter rye 11% poor, 29% fair, 49% good, 11% excellent. Cattle 1% poor, 11% fair, 69% good, 19% excellent. Sheep 1% very poor, 2% poor, 11% fair, 66% good, 20% excellent. Range, pasture 6% very poor, 18% poor, 36% fair, 35% good, 5% excellent. Barley boot 0%, 0% 2001, NA% avg. Oats boot 1%, 0% 2001, NA% avg. Spring Wheat boot 1%, 0% 2001, NA% avg. Sunflower planted 14%, 15% 2001, 23% avg. Winter Wheat boot 42%, 29% 2001, 53% avg. Winter Rye boot 30%, 31% 2001, 52% avg. Winter Rye headed 5%, 0% 2001, 14% avg. Calving 96% complete. Lambing 95% complete. Cattle move to pastures 67% complete. Below-average temperatures were reported for yet another week across the State. Cool weather and lack of precipitation has contributed to a decline in pasture and range conditions, but livestock continue in mostly good to excellent condition. Planting progress continues, as corn 94% planted, soybeans 69% planted.

**TENNESSEE:** Days suitable for fieldwork 6.0. Topsoil 8% short, 83% adequate, 11% surplus. Subsoil 8% short, 81% adequate, 11% surplus. Wheat 50% turning color, 75% 2001, 66% avg.; 1% very poor, 3% poor, 20% fair, 53% good, 23% excellent. Tobacco 45% transplanted, 58% 2001, 51% avg. Alfalfa hay 64% 1st cutting, 85% 2001, 76% avg. All

**TEXAS:** Weather conditions were generally dry and windy across the state during the week. Only a few isolated showers were reported across the Edwards Plateau and little to no accumulations occurred. However some thunderstorms across the Plains were accompanied by heavy rains, and these rains, coupled with the recent moisture stress and high winds, have inflicted much damage to row and dryland crops, especially cotton. Cotton: Land preparation and planting continued across the state. High pressure dominated the weather with dry and unseasonably cool conditions.
Some melon harvest was ongoing and development was good on later planted fields. In East Texas land preparation continued, however drying out was still needed in a few areas. Earlier planted peas, beans and melons made good progress. Sweet potato planting continued in some locations. In the High Plains growth and development continued for earlier planted potatoes, carrots and onions. Melons were being planted in varied locations. Grasshoppers problems continued to expand and treatments were applied to prevent further damage. Some vegetables were damaged by high winds and hail in the Trans Pecos region. Pecans: Nut development continued in most areas across the state. Application of zinc was in progress in a few locations. Some trees were damaged by high winds and hail. Casebearer populations continued to expand and treatment was active in many areas.

Peaches: Development of the peach crop continued across the state. Generally a good crop is expected across the state especially where irrigation was possible. Some concern was recorded elsewhere. Generally, fruit volumes were good, but some areas were stressing from lack of moisture and minor fruit drop was occurring.

Range and Livestock: Generally, range and pasture conditions continued to decline across the majority of the state. High winds in most areas speeded moisture depletion. Rainfall was received in a few areas. Supplemental feeding continued in most areas and herd reduction remained necessary in many locations. Burning prickly pears as a supplement became more widespread as pasture decline continued. Hay shortages were common and many fields that were dry planted have started to germinate. Water available for livestock continued to decline in many locations. Grasshopper populations continued to expand and cause further damage to existing pastures in many locations. Some treatment was possible, but too costly for many producers. Burn bans were imposed in several counties as the possibility of range fires increased. East Texas pastures were mostly in good shape as rainfall has been ongoing this spring.

UTAH: Days suitable for fieldwork 6. Topsoil 16% very short, 34% short, 47% adequate, 3% surplus. Subsoil 15% very short, 37% short, 47% adequate. Wind 16% adved, 11% 2001, 12% avg., 5% very short, 22% poor, 35% fair, 31% good, 7% excellent. Spring wheat 7%, poor, 39% fair, 38% good, 16% excellent. Barley 9% poor, 32% fair, 42% good, 16 % excellent. Oats 92% planted, 95% 2001, 98% avg.; 79% emerged, 70% 2001, 72% avg. Corn 84% planted, 85% 2001, 84% avg; 38% emerged, 58% 2001, 37% avg. Potatoes 100% planted, 97% 2001, 96% avg. Alfalfa hay height 16%, 58% 2001, 17% avg.; 23% 1st cutting, 24% 2001, 12% avg. Cattle 44% moved to summer range, 41% 2001, 48% avg.; 1% very poor, 9% poor, 31% fair, 50% good, 9% excellent. Sheep 37% moved to summer range, 33% 2001, 39% avg.; 1% very poor, 9% poor, 31% fair, 50% good, 9% excellent. Range, pasture 15% very poor, 28% poor, 33% fair, 24% good. Irrigation water: 24% very short, 38% short, 37% adequate, 1% surplus. Stock water 13% very short, 46% short, 39% adequate, 2% surplus. Major farm, ranching activities included harvesting first crop alfalfa, planting corn, spraying grains for head, installing alfalfas, spraying melons, monitoring grazing sheep to summer ranges. In the past week, State experienced warm days as well as temperatures below freezing resulting in crop damage. Weber County reported recent frosts had set back alfalfa and small grains and damaged fruit crops. Some farmers are waiting to plant corn because of frost concerns. The Cache valley reported moisture exceeding one inch, while the lower part of the State had not received any measurable amounts from recent storms. Emery County sheep producers reported poor sheep conditions because of poor winter range. Grazing cuts may be made on Forest Service ranges because of drought conditions. Stock water supplies are very low, and producers will be haulting water early.

WISCONSIN: Late last week, temperatures began to increase into the normal temperature range for May. Farmers saw 6.5 days suitable for fieldwork. Soil moisture 1% very short, 13% short, 75% adequate, 11% surplus. After five weeks of below normal temperatures, planting, emergence, and growth for all crops were reported slow due to less than ideal weather conditions. The extended period of cool temperatures this spring caused crop progress to be delayed, until last week. In an effort to
finish planting, farmers throughout the State took advantage of the best planting conditions so far this spring. Reports throughout the State called for warmer temperatures to boost crop progress. Several farmers in central areas reported frost five mornings last week.

**WYOMING:** Days suitable for fieldwork 5.8. Topsoil 21% very short, 48% short, 31% adequate. Irrigation water supplies 24% very short, 45% short, 31% adequate. Some areas in Northeastern third of State reported irrigation supplies are nearly non-existent. Other areas reported regulation of water usage. Replenishing precipitation is badly needed. Barley 6% very poor, 7% poor, 30% fair, 57% good. Winter wheat 26% very poor, 32% poor, 33% fair, 9% good. Barley planted 97%, 98% 2001, 96% avg.; 75% emerged, 89% 2001, 83% avg.; 5% jointed, 19% 2001, 26% avg. Spring wheat 77% planted, 99% 2001, 95% avg.; 44% emerged, 63% 2001, 64% avg. Spring wheat 9% jointed, 8% 2001, 13% avg. Oats 82% planted, 89% 2001, 92% avg. Oats 51% emerged, 63% 2001, 62% avg.; 7% jointed, 4% 2001, 8% avg. Sugar beets 70% emerged, 83% 2001, 87% avg. Dry beans planted 20%, 16% 2001, 32% avg.; 1% emerged, 0% 2001, 4% avg. Corn 85% planted, 90% 2001, 91% avg.; 54% emerged, 50% 2001, 61% avg. Winter wheat 75% jointed, 66% 2001, 69% avg. Winter wheat boot 39%, 17% 2001, 15% avg. Range flocks lambed 74%, 75% 2001, 76% avg. Range flock sheep shorn 95%, 100% 2001, 98% avg. Pasture and range 23% very poor, 29% poor, 37% fair, 11% good. Ranchers began moving livestock to summer pasture. Yearly precipitation remained below normal for all stations, except Big Piney and Newcastle.