

# Weekly Weather and Crop Bulletin State Stories

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**ALABAMA:** Days suitable for fieldwork 6.7. Topsoil moisture 35% very short, 41% short, 23% adequate, and 1% surplus. Corn planted 97%, 94% 1999, and 96% average. Corn emerged 88%, 82% 1999. Corn condition: 10% very poor, 13% poor, 44% fair, 31% good and 2% excellent. Wheat headed 98%, 92% 1999, and 93% average. Wheat condition: 3% very poor, 5% poor, 25% fair, 60% good, and 7% excellent. Pasture condition: 12% very poor, 16% poor, 30% fair, 38% good, and 4% excellent. Livestock condition: 1% very poor, 4% poor, 22% fair, 63% good, and 10% excellent. Rainfall is desperately needed. Farmers are harvesting cool season vegetable crops. Lack of rainfall has halted or slowed cotton and peanut planting in most areas. High temperatures and short moisture has stalled the growth of corn and seedling cotton. Hay harvest is in full swing

**ALASKA:** Days suitable for fieldwork 6.7. Topsoil 30% short, 60% adequate, 10% surplus. Subsoil moisture supplies, 30% short, 70% adequate. Farm work progress, on schedule. Cool, dry conditions prevailed across the interior. Mild, mostly dry conditions occurred across the rest of the State's agricultural areas. These conditions allowed producers to fertilize fields, plant potatoes, vegetables, barley, continue to harvest 1999, hay crop. Daytime high temperatures again ranged from the fifties to the low sixties. Lows continued to be mostly in the twenties. Barley 25% planted, 11% 1999, 48% avg. Oats 0% planted, 11% 1999, 48% avg. Potatoes, 2% planted, 1% 1999, 3% avg. Livestock 15% fair, 80% good, 5% excellent.

**ARIZONA:** Area continued to record above average temperatures for the sixth week in a row. Zero precipitation was reported for the week of May 14. Dry weather conditions have minimal impact on crop, vegetable production due to irrigation, but range, pasture feeds continue to worsen. Livestock were reported to be in fair condition. 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, 64% adequate, 24% surplus. Rice 83% planted, 81% 1999, 82% 5 yr. avg.; 63% emerged, 52% 1999, 56% 5 yr avg. Sorghum 84% planted, 74% 1999, 74% 5 yr. avg.; 71% emerged; Cotton 59% planted, 63% 1999, 56% 5 yr avg.; 33% emerged; Soybean 23% planted 18% 1999, 19% 5 yr avg.; 11% emerged; Corn 99% planted, 96% 1999, 97% 5 yr avg.; 98% emerged, 80% 1999, 86% 5 year avg<sup>1</sup>; Wheat 99% headed, 98% 1999, 98% 5 yr. avg. Wheat 2% very poor, 9% poor, 31% fair, 43% good, 15% excellent. Alfalfa Hay 1% very poor, 6% poor, 29% fair, 54% good, 10% excellent; Other Hay 2% very poor, 5% poor, 32% fair, 50% good, 11% excellent. Pasture, Range 1% very poor, 5% poor, 26% fair, 52% good, 16% excellent. Livestock good condition. Armyworms have been reported leaving wheat fields, feeding on adjacent rice fields. Chinch bugs were treated in some sorghum fields. Other activities included: Land preparation for spring planting of forage, harvesting hay, spraying pastures for weed control; vaccinating cattle. <sup>1</sup>/Corn emerged progress is a 2-year average instead of a 5-year average.

**CALIFORNIA:** Field work was slowed in some areas by rainfall. Early fields of cotton were progressing well. Many late planted fields were emerging normally. However, cool weather slowed growth in some fields.

Several cotton fields were treated to control weeds, aphids, mites. Field corn growth was also slowed in some areas. A few seed alfalfa growers were spraying with herbicides to burn back plants, make them more compact for seed production. Oat hay was cut, baled. New crop sugar beets were being irrigated. Harvest of old crop continued. Winter forage fields were still being harvested. Most fields of wheat, barley were making good progress, with kernels in the milk or dough stage. Some wheat fields were cut for silage. Many small grain fields continued to dry, mature; less mature fields were being irrigated. Aerial seeding of rice continued in many areas. Aerial application of herbicides on rice has also begun. Weevil pressure was heavier than normal in some rice fields. Planting of safflower, sunflower was nearly completed. Stone fruit grape growers continued with spring cultural activities. Harvest of early varieties of cherries continued. Very few cherries were split by earlier rains in San Joaquin County. Weed control, fungicide application, irrigation of vineyards, orchards were active. Many were leafing. Growers applied sulfur to grape vineyards for mildew control. Harvest of grapes for fresh use began in the Coachella Valley. Perlette, Flame Seedless were the primary varieties harvested. Harvest of early varieties of freestone peaches, nectarines was active. Other varieties were being thinned. Apricot harvest was active. Picking of grapefruit, lemon crops was active in southern areas. The harvest of Valencia oranges progressed in the desert area and in the San Joaquin Valley. Picking of navel oranges was winding down, growers remained concerned about quality problems. Minneola tangelos were still being picked. Strawberry picking was active. Some vegetable field activities were slowed by recent rainfall. Asparagus harvest was completed in most parts of the San Joaquin Valley. The spring lettuce harvest was also nearly completed. Planting of watermelon, cantaloupe, bell peppers continued. Watermelon transplants were being planted. All melon varieties were doing well; however, whiteflies became a problem for some melon growers in Tulare County. Sweet corn was growing normally, some fields were still being planted. Planting of peppers, okra, beans, assorted Asian vegetables continued. Garlic, red onions, zucchini, squash were all being picked and packed. Warmer weather was desired to attain maximum squash production. Eggplant harvest was expected to begin this week. Cucumbers were blooming, setting fruit. Tomato fields looked good; some fields were in bloom. A few tomato transplants were still being planted. Fresh market tomatoes were being picked in hot houses. Weeding in tomato fields continued. Some growers were conducting weed control before planting peas. The Fresno County onion harvest was underway. The following vegetables were also harvested this week: artichokes; fava beans; broccoli; cabbage; cauliflower; cilantro; carrots; collard, mustard greens; green, red leaf lettuce; kale; lemon grass; mint; mushrooms; okra leaf; parsley; snap, sugar, and English peas; green onions; radishes; radicchio; spinach; turnips. Rangeland pastures continued seasonal drying in most areas. Cattle remained in fair to good condition, weight gains were mixed. Recent rainfall was expected to benefit pastures.

**COLORADO:** Days suitable for fieldwork 5.7. Topsoil 4% very short, 22% short, 73% adequate, 1% surplus. Subsoil moisture 6% very short, 24% short, 69% adequate, 1% surplus. Localized rain showers fell at the beginning of the week which was predominately warm, dry. Freezing temperatures in the 25-30° range hit numerous portions of the Eastern Plains on Saturday morning, May 13. With more than a third of the state's winter wheat crop at or beyond the headed stage of development, some damage is to be expected. Most other crops are not expected to have had serious damage. Spring barley 98% seeded, 93% 1999, 94%

avg.; 83% emerged, 74% 1999, 78% avg.; 5% poor, 15% fair, 56% good, 24% excellent. Dry onions 1% very poor, 2% poor, 8% fair, 63% good, 26% excellent. Sugar beets 55% up to stand, 48% 1999, 10% avg. Summer potatoes 98% planted, 86% 1999, 92% avg.; 51% emerged, 31% 1999, 16% avg. Fall potatoes 82% planted, 54% 1999, 52% avg. Dry beans 5% planted, 1% 1999, 2% avg. Spring wheat 86% planted, 87% 1999, 83% avg.; 65% emerged, 61% 1999, 58% avg.; 6% poor, 22% fair, 55% good, 17% excellent.

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**DELAWARE:** Days suitable for fieldwork 6.3. Topsoil 7% short, 87% adequate, 6% surplus. Subsoil moisture 94% adequate, 6% surplus. Percent of acreage prepared for planting of spring crops 78%. Winter wheat 1% poor, 22% fair, 67% good, 10% excellent; 78% headed, 44% 1999, 44% avg. Barley 3% poor, 24% fair, 63% good, 10% excellent; 86% headed, 79% 1999, 91% avg. Snap Beans 45% planted, 39% 1999, 18% avg. Sweet corn 43% planted, 43% 1999, 42% avg. Field Corn 69% planted, 70% 1999, 59% avg. Cucumbers 15% planted, 11% 1999, 11% avg. Tomatoes 51% planted, 55% 1999, 33% avg. Watermelons 42% planted, 26% 1999, 29% avg. Cantaloupes 50% planted, 24% 1999, 23% avg. Strawberries 93% bloomed, 72% 1999, 81% avg; 7% harvested, 8% 1999, 3% avg. Pasture condition 2% poor, 33% fair, 60% good, 5% excellent. Hay supplies 5% very short, 37% short, 58% adequate. Percent of 1<sup>st</sup> cutting hay crop harvest; clover, other hays 25% cut, 41% 1999, 13% avg.; alfalfa 36% cut, 32% 1999, 12% avg. Activities: Irrigation began for peas, early-planted vegetables because of above normal temperatures, lots of planting of corn, soybeans.

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**FLORIDA:** Warmer temperatures arrived. Temperatures at major stations averaged 1 to 4° above normal. Daytime highs mostly in 80s, 90s; nighttime lows mostly in 60s, 70s. Thunderstorms brought from traces to almost 2.00 in. rain to many localities about mid-week. Moisture mostly very short to short. Farmers delaying planting of cotton, peanuts due to dry soil. Irrigated tobacco in good condition. Corn starting to show drought stress. Some wild fires in central Peninsula due to lack of rainfall. Small grains harvest starting. Peanuts 39% planted. Growers harvesting vegetables to meet Memorial Day demand. Dry, hot weather continues to stress vegetable growth. Major vegetables available: Potatoes, tomatoes, peppers, blueberries, cucumbers, okra, squash, sweet corn, eggplant, watermelons. Rain some citrus areas, more needed, irrigation continues. Peak Valencia harvest continues. Grapefruit, Honey tangerine harvest slowing. Temple harvest complete. Caretakers cutting cover crops spraying, fertilizing, hedging, topping with limited burning of grove debris. Pasture feed 20% very poor 70% poor, 10% fair. Cattle 45% poor, 50% fair, 5% good. Pasture feed mostly poor due to prolonged drought. Panhandle, central counties: ranchers in many locations feeding hay to supplement poor pasture. West Central: cattle condition gone down, stock ponds drying up. South: ranchers worried poor cattle condition will reduce pregnancy rate for next year's calves. Remnants of winter pastures gone, grass short in permanent pasture. Statewide: cattle poor to fair.

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**GEORGIA:** Days suitable for field work 6.6. Soil moisture 40% very short, 47% short, 13% adequate. Corn 6% very poor, 18% poor, 43% fair, 32% good, 1% excellent; 1% silked, 1% 1999, N/A avg. Cotton 2% very poor, 16% poor, 47% fair, 32% good, 3% excellent. Hay 11% very poor, 22% poor, 40% fair, 26% good, 1% excellent. Sorghum 5% very poor, 13% poor, 54% fair, 25% good, 3% excellent; 43% planted, 50% 1999, 41% avg. Soybeans 6% very poor, 19% poor, 61% fair, 13% good, 1% excellent. Tobacco 1% very poor, 13% poor, 38% fair, 46% good, 2% excellent. Wheat 5% harvested for grain, 3% 1999, 1% avg. Onions 6% very poor, 6% poor, 16% fair, 67% good, 5% excellent; 65% harvested, 53% 1999, 67% avg. Watermelons 1% very poor, 16% poor, 48% fair, 33% good, 2% excellent; 97% planted, 97% 1999, 96% avg. Apples 7% poor, 47% fair, 37% good, 9% excellent. Peaches 3% poor, 24% fair, 50% good, 23% excellent; 4% harvested, 4% 1999, 6% avg. Dry weather continued across the State last week. Farmers stopped planting on some non-irrigated land. Some dryland fields may be planted or replanted if moisture becomes available. Irrigation was being used where available, but future supplies were a concern. There were reports of non-irrigated corn showing stress from the hot, dry weather. Disease increased in wheat. Tobacco was sprayed for budworms hornworms. Tobacco Mosaic Virus appeared. The dry weather was good for farmers harvesting wheat straw, onions. Some apple orchards were adversely affected by the dry weather. There was concern peaches will have sizing

problems without rain. Other activities included: Supplemental feeding of cattle, spraying squash with fungicides.

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**HAWAII:** Weather conditions were fair to good for agriculture. Trade wind weather pattern continued. Mostly sunny, dry in leeward areas. Windward areas were partly sunny with occasional, mostly light, showers. Light showers also fell in higher elevations. Crops were in fair to good condition. Irrigation was heavy in most areas. Pastures were in fair to poor condition. Prolonged dry conditions adversely some pastures. Banana, papaya harvesting will be steady. Crop conditions fair to good. Head cabbage fields in mostly good to fair condition. Insect pressure increasing, but under control. Steady harvesting forecast. Dry onion harvesting expected to decrease in coming weeks. Crop conditions were mostly good. Coffee flowers continue to blossom in Kona district of the island.

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**IDAHO:** Days suitable for field work 4.2. Topsoil 4% very short, 12% short, 70% adequate, 14% surplus. Rain showers, freezing temperatures were reported throughout the state. Temperatures dipped as low as 23° at night and during the day, temperatures were in the lower 70's. No serious frost damage was reported, but some crop growth was slowed by freezing temperatures. The 1<sup>st</sup> cutting of alfalfa hay has begun across much of the state. Hay, roughage supplies 10% very short, 10% short, 76% adequate, 4% surplus. Irrigation supply 29% excellent, 48% good, 20% fair, 1% poor, 2% very poor. Dry peas 91% planted, 84% 1999, 61% avg.; 77% emerged, 34% 1999, 28% avg. Oats 68% planted, 63% 1999, avg. ; emerged 42%, 1999 37%, avg. 44%. Lentils planted 59%, 69% 1999, 80%, avg. 55%; emerged 29%, 1999 21%, avg. 16%. Corn planted 76%, 1999 62%, avg. 61%; emerged 30% 1999 12%, avg. 21%. Potatoes planted 75%, 1999 58%, avg. 60%; emerged 13%, 1999 5%, avg. 5%. Sugarbeets emerged 92%, 1999 58%, avg. 68%. Winter wheat jointed 74%; booting 15%. Spring wheat jointed 18%. Spring barley jointed 18%. Activities: Planting small grains, potatoes, dry peas, lentils, corn, dry beans, moving cattle, sheep to spring pasture, applying insecticides, irrigating.

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**ILLINOIS:** Days suitable for fieldwork 3.4. Topsoil 2% very short, 22% short, 66% adequate, 10% surplus. Wheat 10% filled, 8% 1999, 5% avg. Oats 7% headed, 5% 1999, 5% avg. Oats 4% poor, 14% fair, 71% good, 11% excellent. Alfalfa first cut 19%, 71% 1999, 4% avg. Alfalfa 1% poor, 17% fair, 63% good, 19% excellent. Red clover 8% cut, 2% 1999, 2% avg. Red clover 3% poor, 20% fair, 59% good, 18% excellent. Welcomed rains passed through the state last week, improving the development of crops but halting some fieldwork. Corn planting, still at a record level for this time of year is nearing completion. Statewide, there have been reports of cutworm and wireworm damage in the corn crop, causing concern for the possibility of replanting. Even with the rain, soybean planting continues at a record level. The crop has emerged quickly. The warm, wet weather has allowed all crops to develop ahead of normal. Farmers are evaluating the condition of their wheat crop due to the wheat streak mosaic virus" states one reporter. Similarly, respondents reported alfalfa weevil damage in some fields, though the alfalfa crop condition has improved statewide. Other activities for last week included: Baling hay, caring for livestock.

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**INDIANA:** Days suitable for fieldwork 4.1. Topsoil 0% very short, 10% short, 77% adequate, 13% surplus. Subsoil 12% very short, 36% short, 47% adequate, 5% surplus. Field activities slowed by rain early. Severe thunderstorms, strong damaging winds in portions of the state. Scattered rainfall of .4 to 3 inches in certain areas. Temperatures average 6 - 10° above normal. Corn, soybean planting made good progress. Soybean planting surpassed record high established in 1988. Many corn, soybean fields emerged during the week. Application of fertilizer, nitrogen, chemicals continued. Range, pasture 2% very poor, 8% poor, 27% fair, 49% good, 14% excellent. Alfalfa Weevil remains active in some fields. Livestock remain in mostly good condition. Calving winding down. Major activities: Tillage of soils, preparing irrigation equipment, ditching, hauling manure, feeding, caring for livestock.

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**IOWA:** Days suitable for field work 4.9. Topsoil 26% very short, 39% short, 33% adequate, 2% surplus. Subsoil moisture 41% very short, 42% short, 16% adequate, 1% surplus. Rains across the state early Monday a.m. improved most conditions, concern still exists about moisture. Corn 99% planted, 78% 1999, 72% avg. Corn 84%

emerged,13% 1999,15% avg. Soybeans 84% planted,16% 1999, 21% avg. Oats 100% planted. Oats 99% emerged, 93% 1999, 80% avg. Oat 1% very poor, 6% poor, 32% fair, 50% good, 11% excellent. Winter wheat headed 32%. Winter wheat 1% very poor,6% poor, 41% fair, 41% good, 11% excellent. Range, Pasture feed 9% very poor, 24% poor, 38% fair, 23% good, 6% excellent.

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**KANSAS:** Days suitable for fieldwork 5.5. Topsoil 3% very short, 28% short, 65% adequate, 4% surplus. Subsoil moisture 3% very short, 29% short, 67% adequate, 1% surplus. Wheat 3% very poor, 11% poor, 35% fair, 43% good, 8% excellent. Wheat headed 86%, 64% 1999, 47% avg. Corn 92% planted, 66% 1999, 73% avg. Corn 71% emerged, 25% 1999. Sorghum 22% planted, 6% 1999, 9% avg. Soybeans 46% planted, 10% 1999, 14% avg. Alfalfa cutting 27%, 18% 1999, 12% avg. Range, Pasture 1% very poor, 6% poor, 30% fair, 55% good, 8% excellent.

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**KENTUCKY:** Days suitable for field work 5.1. Topsoil 4% very poor, 25% short, 65% adequate, 6% surplus. Subsoil moisture 2% very short, 27% short, 67% adequate, 4% surplus. Above normal temperatures in the 80s were present last week, rainfall was below normal. Dry weather, hot, humid conditions continued for most of the week with the one rain event occurring Friday. This was first rain event across State in a couple of weeks. Burley tobacco was 16% set, ahead 1999, average. Dark tobacco was 16% set also. No disease, few insect problems reported. Condition all set tobacco 3% poor, 25% fair, 58% good, 14% excellent. Winter wheat continues very promising. State Pest News has reported the presence of Wheat Streak Mosaic in state. Located in southern tier counties in central, west area. Effects of virus unknown at this time. Winter wheat 1% very poor, 5% poor, 23% fair, 53% good, 18% excellent. Pasture feeds 1% very poor, 5% poor, 25% fair, 55% good, 14% excellent. Hay conditions 1% very poor, 4% poor, 33% fair, 51% good, 14% excellent. Grain sorghum 13% planted. Strawberries generally small in size.

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**LOUISIANA:** Days suitable for fieldwork 5.9. Soil moisture 14% very short, 19% short, 56% adequate, 11% surplus. Corn 2% very poor, 3% poor, 19% fair, 71% good, 5% excellent; 5% silked, 1% 1999, 1% avg. Cotton 65% emerged, 61% 1999, 55% avg. Cotton planting made good progress. Hay 40% first cutting, 47% 1999, 32% avg. Cattlemen continued to cut hay. Rice producers were applying fertilizer, herbicide. Sorghum 71% emerged, 60% 1999, 62% avg. Spring plowing 94% plowing, 97% 1999, 96% avg. Sugarcane 4% poor, 21% fair, 48% good, 27% excellent. Sweetpotatoes 8% planted, 11% 1999, 10% avg. Wheat 4% poor, 30% fair, 57% good, 9% excellent; 91% turning color, 94% 1999, 81% avg.; 25% harvested, 17% 1999, 9% avg. Livestock 7% poor, 31% fair, 48% good, 14% excellent. Vegetables 3% very poor, 12% poor, 35% fair, 45% good, 5% excellent.

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**MARYLAND:** Days suitable for fieldwork 6.2. Topsoil 2% very-short, 19% short, 75% adequate, 4% surplus. Subsoil moisture 1% very short, 12% short, 81% adequate 6% surplus. Percent of acreage prepared for planting of spring crops 80%. Winter wheat 2% poor, 12% fair, 70% good, 16% excellent; 85% headed, 64% 1999, 60% avg. Barley 3% poor, 9% fair, 66% good, 22% excellent; 92% headed, 96% 1999, 93% avg. Rye 1% poor, 13% fair, 71% good, 15% excellent; 93% headed, 85% 1999, 79% avg. Tomatoes 51% planted, 56% 1999, 61% avg. Sweet corn 57% planted, 69% 1999, 56% avg. Field Corn 68% planted, 69% 1999, 61% avg. Cucumbers 37% planted, 27% 1999, 35% avg. Snap beans 19% planted, 27% 1999, 40% avg. Cantaloupes 61% planted, 68% 1999, 60% avg. Soybeans 9% planted, 7% 1999, 6% avg. Watermelons 32% planted, 49% 1999, 50% avg. Apples 93% bloomed, 98% 1999, 92% avg. Strawberries 93% bloomed, 91% 1999, 83% avg.; 14% harvested, 14% 1999, 10% avg. Pasture feed 1% very poor, 2% poor, 18% fair, 61% good, 18% excellent. Hay supplies 3% very short, 20% short, 73% adequate, 4% surplus. Percent of 1<sup>st</sup> cutting hay crop harvest; clover, other hays 17% cut, 21% 1999, 14% avg; alfalfa 33% cut, 19% 1999, 8% avg. Activities: Planting continues more vigorously as warm, dry weather continues throughout the state, warm weather also stopped losses from powdery mildew on wheat.

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**MICHIGAN:** Days suitable for fieldwork 3.0. Topsoil 3% very short, 7% short, 65% adequate, 25% surplus. Subsoil 15% very short, 33% short, 47% adequate, 5% surplus. Oats 0% very poor, 1% poor, 27% fair, 60% good, 12% excellent. Asparagus harvested 42%, 28% 1999, 23% avg.

Barley 92% planted, 92% 1999, 74% avg. Barley 80% emerged, 80% 1999, 41% avg. Oats 97% planted, 95% 1999, 81% avg. Oats 90% emerged, 79% 1999, 44% avg. Potatoes 56% planted, 63% 1999, 55% avg. Potatoes 36% emerged, 18% 1999, 16% avg. Stormy weather with cool front at week's end. Temperatures, growing degree days (GDD) above average. Temperature 3 to 8° above normal, while GDD 44 to 101 units above normal. Soil moisture deficits replenished with rainfall from 6 tenths Upper Peninsula to over 3 inches Thumb. Rains kept farmers from planting, spraying for weeds. Corn planting progress slowed by rains. Soybean early planted fields south have plants emerging. Winter wheat Feeke's stage 8-9 with powdery mildew starting to appear. Alfalfa 14-18 inches, growing well. Hail damage some alfalfa fields southeast. Sugarbeet growth excellent. Oats, barley growing well. Asparagus harvest slowed by cool weather. Cabbage continues to look very good. Potato planting winding down, early planting 4-6 inch size. Planting of carrots, early plantings have emerged, first true leaf has formed. Sweet corn plantings emerging rapidly. Tomato planting for market, processing has begun with earlier plantings beginning to show new growth. Onion planting completed. Celery transplanting continues. Early plantings of peas have emerged, summer squash planted. Strong winds, storms at week's end improved soil moisture but damage to young seedlings yet to be assessed. Apples to 12 mm fruit southwest. Tart cherries 10 mm fruit southwest, petal fall northwest. Sweet cherries southwest 14 mm fruit, 8 mm west central, and shuck split northwest. Apricots 1.0 inch fruit, plums 12 mm fruit, peaches 10 mm fruit, pears 15 mm fruit. Blueberries petal fall stage. Strawberries full bloom. Fall raspberry canes 6 inches while summer raspberry canes had flower buds. Concord grape vines 10-16 inch shoots, white varieties 4-8 inch shoots.

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**MINNESOTA:** Days suitable for fieldwork 3.3. Topsoil 3% very short, 19% short, 72% adequate, 6% surplus. Soybeans 87% ground prepared, 50% 1999, 46% avg. Green peas 83% planted, 60% 1999, 62% avg. Potatoes 61% planted, 47% 1999, 45% avg. Sweet corn 51% planted, 31% 1999, 31% avg. Dry beans 32% planted, 11% 1999, 12% avg. Canola 82% planted, 4% 1999, NA% avg. Pasture feed 2% very poor, 7% poor, 45% fair, 41% good, 5% excellent. Well timed rains helped crop conditions temporarily, but similar amounts will be needed weekly to avoid a return to abnormally dry conditions. Scattered hard frosts occurred at the end of the week, some replanting of corn will result.

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**MISSISSIPPI:** Days suitable for fieldwork 5.9. Soil moisture, 6% very short, 24% short, 60% adequate and 10% surplus. Corn 98% emerged, 96% 1999, 94% avg.; 5% poor, 22% fair, 63% good, 10% excellent. Cotton 80% planted, 69% 1999, 68% avg.; 58% emerged, 38% 1999, 43% avg.; 1% very poor, 5% poor, 15% fair, 67% good, 12% excellent. Rice 75% planted, 90% 1999, 93% avg.; 56% emerged, 66% 1999, 76% avg.; 1% very poor, 4% poor, 30% fair, 57% good, 8% excellent. Sorghum 82% planted, 87% 1999, 76% avg.; 74% emerged, 72% 1999, 65% avg.; 6% poor, 20% fair, 69% good, 5% excellent. Soybeans 60% planted, 57% 1999, 52% avg.; 46% emerged, 39% 1999, 36% avg.; 5% poor, 23% fair, 66% good, 6% excellent. Wheat 12% mature, 7% 1999, 13% avg.; 1% very poor, 3% poor, 30% fair, 55% good, 11% excellent. Watermelons 84% planted, 76% 1999, 79% avg.; 2% poor, 14% fair, 78% good, 6% excellent. Blueberries 1% poor, 12% fair, 75% good, 12% excellent. Cattle, 4% poor, 19% fair, 64% good, 13% excellent. Pasture 7% poor, 24% fair, 58% good, 11% excellent. Dry weather across most of the state allowed spring planting to progress at a steady rate

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**MISSOURI:** Days suitable for fieldwork 4.8. Topsoil at 25% very short, 38% short, 36% adequate, 1% surplus. Subsoil moisture 38% very short, 42% short and 20% adequate. Single-crop soybean planting is about 3 weeks ahead of 1999, normal with 61% planted. Bean planting progress by area ranges from 70% or more in the east-central, northern districts, to 11% in the southwest district. Sorghum planting is ranges from less than 40% complete in the west-central, central districts to 78% southeast, 89% northwest. Winter wheat varies from virtually all headed in the southern third of the State to 42% northwest. Alfalfa hay cut 29%, 0% 1999, 5% avg. Pasture averaged 23% very poor, 32% poor, 33% fair, 11% good, 1% excellent. The weekly precipitation averaged 0.72 inch although the northwest, north-central districts averaged 0.05 inches each.

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**MONTANA:** Days suitable for fieldwork 4.6. Topsoil 14% very short, 40% short, 45% adequate, 1% surplus. Subsoil moisture 26% very short, 46% short, 28% adequate, 0% surplus. Much needed precipitation was

received at many locations across the state. This moisture halted fieldwork, but producers didn't mind as the moisture was very much needed and appreciated. Oats 71% planted, 69% 1999, 58% avg. Oats 38% emerged, 33% 1999, 26% avg. Oats 1% very poor, 4% poor, 34% fair, 46% good, 15% excellent. Sugar beets 98% planted, 99% 1999, 94% avg. Sugar beets 61% emerged, 94% 1999, 61% avg. Sugar beets 0% very poor, 2% poor, 31% fair, 51% good, 16% excellent. Corn 63% planted, 32% 1999, 57% avg. Corn 19% emerged, 7% 1999, 17% avg. Dry beans 45% planted, 44% 1999, 28% avg. Dry beans 10% emerged, 1% 1999, 3% avg. Potatoes 5% planted, 11% 1999, 15% avg. There are some continued reports of aphids in the winter wheat. Producers are spraying for aphids, weeds. Calving, lambing is making good progress as few problems have occurred, death losses are minimal. Calving 97% completed, 95% 1999, 96% avg. Lambing 88% completed, 81% 1999, 83% avg. Cattle, calves moved to summer ranges 47%, 46% 1999, 42% avg. Sheep, lambs moved to summer ranges 40%, 35% 1999, 33% avg. The recent moisture has helped pastures to green up, but without more significant rain there may be less forage. There are still concerns of a water shortage for livestock with reports of ponds, reservoirs either low or empty because of a lack of snowfall, runoff. Stream flow is less than normal.

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**NEBRASKA:** Days suitable for fieldwork 6.3. Topsoil moisture supplies rated mostly short with subsoil moisture supplies mostly short to very short. Temperatures for the week were near normals in the west, two degrees above normals in the east. Precipitation was widespread across the State, ranged from traces to .70 inch in Grand Island. Corn planted 94%, 58% 1999, 65% avg.; 58% emerged, 13% 1999, 17% avg. Soybeans 59% planted, 9% 1999, 15% avg. Sorghum 22% planted, 4% 1999, 9% avg.; 3% emerged. Winter Wheat % very poor, 12% poor, 29% fair, 51% good, 3% excellent; 90% jointed, 82% 1999, 65% avg. Oats 98% emerged, 94% 1999, 71% avg.; 3% very poor, 20% poor, 37% good, 39% good, 1% excellent. Alfalfa harvest under limited start with dry conditions affecting 1<sup>st</sup> cutting growth; 4% very poor, 22% poor, 39% fair, 32% good, 3% excellent. Pasture, range 13% very poor, 29% poor, 39% fair, 18% good, 1% excellent. Other producer activities included: Working calves, moving cattle to pasture.

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**NEVADA:** Passing storms brought cooler temperatures across northern area midweek, but resulted in very little precipitation. Southern area saw normal to slightly cooler temperatures with no precipitation. Frost visited the northern part of the state at the end of the week. Small grains, alfalfa, early potatoes were reported as being affected. Irrigation water supplies were mostly adequate. Alfalfa hay harvest was beginning in the southern portion of the state. Winter wheat was beginning to go into boot across northern area. Some winter wheat was being cut for green chop in the central part of the state. Spring grain planting was nearly completed, was mostly emerged. Corn planting began with summer vegetables soon to follow. Onions, potatoes were beginning to emerge. Irrigation, weed control were active. Pasture, range feeds rated mostly good. Calving, lambing near complete with continued movement to Spring range, BLM allotments. Main farm, ranch activities: Field preparation, irrigation, potato planting, weed, insect monitoring, control, working livestock, gopher control, preparing for hay harvest.

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**NEW ENGLAND:** : Days suitable for fieldwork: 4.0. Topsoil 58% adequate, 42% surplus. Subsoil moisture 1% short, 61% adequate, 38% surplus. Pasture feed 9% poor, 29% fair, 45% good, 17% excellent. Maine potatoes 5% planted, 50% 1999, 25% avg. Rhode Island potatoes 50% planted, 95% 1999, 60% avg; 5% emerged, 10% 1999, 10% avg.; condition excellent. Massachusetts potatoes 75% planted, 70% 1999, 65% avg.; 10% emerged, 15% 1999, 10% avg.; condition good. Oats in Maine 15% planted, 70% 1999, 40% avg. Barley in Maine 15% planted, 70% 1999, 45% avg. Silage corn 10% planted, 45% 1999, 20% avg. Sweet corn 25% planted, 25% 1999, 25% avg.; 10% emerged, 10% 1999, 10% avg.; condition fair to good. First crop hay condition good to fair. Apples Early Bloom Stage to Full Bloom State, condition good to fair. Peaches: Full Bloom Stage to Petal Fall Stage, condition fair. Pears Full Bloom Stage, condition fair. Strawberries Bud Stage to Early Bloom Stage, condition good to fair. Cranberries: Bud Stage, condition good. Highbush blueberries: Bud to Early Bloom Stage, condition good. Wild Blueberries Bud to Early Bloom Stage, condition good. Wetweather, hunderstorms returned and continued to slow fieldwork. Major farm activities: planting field corn, fixing fences, plowing, applying fertilizer, spreading manure, planting sweet corn, broccoli, peas, setting out cole

crops, spraying apples, preparing fields for shade tobacco planting, bringing bees into orchards, blueberry fields to begin pollination.

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**NEW JERSEY:** Days suitable for field work 5.5. Topsoil 30 % short, 70 % adequate. Corn 38% planted. Farmers were busy preparing ground for planting soybeans. Irrigation of vegetables occurred in Other activities included: Harvesting asparagus, spring lettuce.

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**NEW MEXICO:** Days suitable for field work 6.5. Topsoil 56% very short, 29% short, 15% adequate, 0% surplus. Spotty precipitation occurred Monday, Monday night across the far north with the remainder of the week remaining dry. A strong low aloft mid-week passing by to the north generated very strong winds, allowed cooler air in northern, eastern state. High winds were reported throughout the State during the week with crops receiving light to severe damage. Land preparation, spring planting, irrigating were the main farm activities during the week. The chile, lettuce, onion crops were all reported in mostly fair to good condition. Both irrigated, dryland wheat conditions deteriorated as the dry weather, high winds prevailed in the major producing areas. Alfalfa was in mostly fair to good condition with the first cutting progressing. Apples are reported to having an average fruit set, pecans an average nut set this year. Ranchers were busy branding calves, culling cattle, supplemental feeding. Both cattle, sheep conditions declined again during the week with higher percentages falling in the very poor, poor ranges. Pasture, range feed continued to deteriorate, 26% very poor, 27% poor, 37% fair, 10% good, 0% excellent.

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**NEW YORK:** Days suitable: 3.6. Soil moisture 29% adequate, 71% surplus. Supplies increased due to heavy rainfall accompanying violent storms. Pasture feed 5% fair, 70% good, 25% excellent. Wheat 78% good, 22% excellent. Corn 29% planted, 59% 1999, 29% average. Oats 75% seeded, 91% 1999, 62% average. Sweet corn 50% planted. Onion planting nearly complete. Fields in Oswego County were severely damaged by severe thunderstorms over the weekend. Fruit in some areas received hail damage, heavy rain damage. Golf ball size hail fell in Oneida County. Heavy rain, hail also reported in Wayne County. Severe hail also damaged grapes in the Finger Lakes area.

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**NORTH CAROLINA:** Days suitable for field work 6.5, compared to 5.2 days last week, Dry weather continued this week in the state, was accompanied by unseasonably hot temperatures. Farmers took advantage of the to get in the fields, make great strides in spring planting. After the excess moisture in April, fields have dried out, most of the State could now use a shower. Statewide, soil moisture levels dwindled, are currently rated 5% very short, 26% short, 67% adequate, 2% surplus. Cotton, peanut plantings were the major activities conducted this week with significant progress made in both. Modest gains were made in corn planting, tobacco setting. This year's corn crop is over 90% planted with an estimated 80% emerged even though replanting is still taking place in the Coastal Plains. The dry, hot weather was ideal for cutting hay. Other activities included: Soybean, sweetpotato, sorghum planting along with continued land preparation.

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**NORTH DAKOTA:** Days suitable for field work 4. Topsoil 1% very short, 7% short, 85% adequate, 7% surplus. Subsoil moisture 1% very short, 16% short, 80% adequate, 3% surplus. Cool, wet weather this week slowed planting progress slightly. Planting progress still remains ahead of average. Durum wheat 49% planted, 13% 1999, 20% avg.; 26% emerged, 6% 1999, 6% avg. Canola was 80% planted, 20% 1999; 44% emerged, 9% 1999. Dry edible beans 12% planted, 0% 1999, 2% avg. Flaxseed was 62% planted, 15% 1999, 16% avg.; 24% emerged, 6% 1999, 4% avg. Potatoes were 74% planted, 24% 1999, 24% avg.; 8% emerged, 2% 1999, 2% avg. Soybeans were 35% planted, 1% 1999, 6% avg.; 5% emerged, 0% 1999, 1% avg. Sunflowers were 7% planted, 0% 1999, 2% avg. Broad leaf, wild oat spraying 4%, 11% complete respectively. 68% roughage requirements were furnished by pasture. Pasture, range feeds 1% very poor, 7% poor, 31% fair, 55% good, 6% excellent. Stockwater supplies 0% very short, 3% short, 93% adequate, 4% surplus.

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**OHIO:** Days suitable for fieldwork 5.1 days. Topsoil 1% very short, 8% short, 78% adequate, 13% surplus. Alfalfa hay first cutting 5%; 9% 1999; 3% average. Corn 87% planted; 87% 1999; 51% average. Corn emerged

47%; 37% 1999; 13% average. Oats emerged 94%; 91% 1999; 74% average. Other hay first cutting 3%; 6% 1999; 2% average. Potatoes 62% planted; 84% 1999; 64% average. Processing tomatoes planted 19%; 26% 1999; 15% average. Soybeans 54% planted; 65% 1999; 27% average. Soybeans emerged 12%; 18% 1999; 5% average. Sugarbeets 57% planted. Tobacco beds having plants up 97%; 100% 1999. Tobacco transplanted 3%. Winter wheat jointed 98%; 100% 1999; 84% average. Winter wheat headed 15%; 19% 1999; 8% average. Pasture 0% very poor, 4% poor, 24% fair, 54% good, 18% excellent. Winter wheat 0% very poor, 2% poor, 10% fair, 52% good, 36% excellent. Hay 0% very poor, 5% poor, 21% fair, 56% good, 18% excellent. Oats 0% very poor; 1% poor; 26% fair; 59% good; 14% excellent. Activities throughout the state include seeding CRP ground; spraying herbicides; repairing equipment for hay making; planting grasses and legumes; spraying weeds; spraying orchards; mowing fence rows, waterways; maintaining fences; spreading manure; mowing hay for haylage; hauling grain; planting, seeding vegetables; discing, chiseling; moving grain. In southern state producers are cultivating cabbage, staking tomatoes. Alfalfa weevil is a serious problem in several areas. Flea beetles, cutworms, spittlebugs, and ticks were also reported throughout the state. There were reports of Eastern tent caterpillars defoliating fruit trees. Wheat fields in the Northwest district were damaged by severe storms that included hail, heavy winds on May 9. Dry conditions in central, southern state have made pastures somewhat short. Some cattle are on supplemental feed because pastures cannot keep up with demand. Livestock were reported in mostly good condition. Calving, lambing are progressing normally throughout the state.

**OKLAHOMA:** Days suitable for fieldwork 5.0. Topsoil 2% very short, 16% short, 75% adequate, 7% surplus. Soil moisture 2% very short, 20% short, 74% adequate, 4% surplus. Wheat 42% soft dough, 15% last week, 35% 1999, 19% avg. Rye 1% very poor, 2% poor, 15% fair, 70% good, 12% excellent, 99% headed, 98% last week, 98% 1999, n/a avg.; 55% soft dough, 29% last week, 56% 1999, n/a avg. Oats 2% very poor, 5% poor, 26% fair, 57% good, 10% excellent, 77% headed, 62% last week, 81% 1999, 66% avg.; 24% soft dough, 11% last week, 20% 1999, 19% avg. Corn 97% planted, 95% last week, 98% 1999, 89% avg.; 76% emerged, 45% last week, 58% 1999, 60% avg. Sorghum 80% seedbed prepared, 68% last week, 60% 1999, 59% avg.; 6% emerged, 3% last week, 2% 1999, 4% avg. Soybeans 80% seedbed prepared, 79% last week, 79% 1999, 76% avg.; 37% planted, 31% last week, 25% 1999, 29% avg.; 22% emerged, 15% last week, 9% 1999, 12% avg; Peanuts 91% seedbed prepared, 71% last week, 85% 1999, 86% avg.; 9% emerged, 1% last week, 6% 1999, 6% avg. Cotton 98% seedbed prepared, 88% last week, 90% 1999, 84% avg.; 8% emerged, 1% last week, 4% 1999, 1% avg.; Alfalfa Hay 3% poor, 19% fair, 64% good, 14% excellent; 75% first cutting, 57% last week, 53% 1999, 48% avg.; Other Hay 3% poor, 26% fair, 59% good, 12% excellent; 28% first cutting, 24% last week, 31% 1999, 27% avg. Livestock 2% poor, 15% fair, 68% good, 15% excellent; Cattle marketings average. Feeder cattle prices \$1.00 to \$2.00 per cwt. lower than last week.

**OREGON:** Days suitable for fieldwork 5. Topsoil 19% short, 67% adequate, 14% surplus. Subsoil 11% short, 75% adequate, 14% surplus. Barley emerged 95%. Barley 52% fair, 23% good, 20% excellent. Spring wheat planted 95%, 99% 1999. Winter wheat 37% fair, 59% good, 4% excellent. Winter wheat headed 12%, 3% Avg. Range, pasture 19% fair, 75% good, 6% excellent. Activities: In Eastern State in good condition, spring planting winding down. First cutting of alfalfa hay started in Malheur County. In Mid-Columbia basin rain delayed first cutting of hay but helpful for cereal development. Early potatoes popping. In Klamath basin 75% of sugarbeets planted, grain, potato planting continued. In Willamette Valley most field activity stopped due to rain showers. Crimson clover nearing full bloom, red clover growing rank. Meadow foam, Mustard blooming. In Southwest valleys, grain, hay crops look good but could use more sun. All nurseries, greenhouses are still very busy with spring activities. Container yards are selling plants, repotting plants to bigger containers, some field diggings are going into pots to clear fields for replanting to new stock. Potatoes 10% planted in Klamath county. Early potato varieties popping in Umatilla county. In Malheur county, potatoes about 60% emerged; last week's frost killed tops on about 30% of crop. In Willamette Valley, early salad vegetables in good condition. Some processing crops begun to emerge although growers having difficulty keeping their planting schedules. Green peas blooming, early tomato plantings froze in Washington county. In southwestern counties, greenhouses remained busy with vegetable plant sales as truck gardens busy planting. Northwest region reported unusually cool weather

with rain, some frost damage. Yamhill county reported rain kept orchardists from working in orchards. Raspberry buds showing in Clackamas, hazelnuts formed in Washington county. Southwest coastal areas reported arrival of bees for cranberry pollination in addition to tapering off of blueberry bloom. Jackson county reported good new growth for grapes. Livestock condition mostly good; excellent in southern State. In Klamath County, most cattle have been turned out on lower elevation ranges, seasonal movement from foothills to range continues. Range, pasture feed is mostly fair to good east of Cascades, but mostly good to excellent in west. Most areas received some precipitation last week which improved grass growth to varying degrees.

**PENNSYLVANIA:** Days suitable for field work 5.6. Soil moisture 5% very short, 18% short, 73% adequate, 4% surplus. Spring plowing 79% complete, 85% 1999, 78% avg. Corn planted 54% complete, 58% 1999, 42% avg. Corn emerged 22% complete, 14% 1999, average not available. Soybeans planted 18% complete, 18% 1999, 11% avg. Oats planted 93% complete, 93% 1999, 85% avg. Potatoes planted 63% complete, 59% 1999, 45% avg. Barley 85% heading or headed, 67% 1999, 61% avg. Barley 7% yellow, 0% 1999, 0% average. Wheat 36% heading or headed, 21% 1999, 21% avg. Wheat crop 2% poor, 13% fair, 75% good, 10% excellent. Oat crop 3% poor, 24% fair, 61% good, 12% excellent. Alfalfa, alfalfa mixtures stand 1% very poor, 6% poor, 20% fair, 59% good, 14% excellent. Timothy clover stand 2% very poor, 10% poor, 25% fair, 50% good, 13% excellent. Alfalfa first cutting 12% complete, 6% 1999, 3% avg. Activities include: Spring plowing; planting oats, potatoes, field corn, sweet corn, alfalfa; ensiling small grains; fixing fences; machinery maintenance; spreading lime, fertilizers; hauling manure; caring for livestock; spraying herbicides.

**SOUTH CAROLINA:** Days suitable for field work 6.4. Soil moisture 18% very short, 63% short, 19% adequate. Apples 85% fair, 12% good, 3% excellent. Barley 100% headed, 79% 1999, 76% avg.; 69% turned color, 37% 1999; 45% avg.; 52% ripe, 6% 1999, 10% avg.; 7% harvested, NA 1999; NA avg.; 5% fair, 50% good, 45% excellent. Cantaloupes 90% planted, 98% 1999, 93% avg.; 5% poor, 39% fair, 56% good. Corn 100% emerged, 94% 1999; 60% avg.; 2% very poor, 8% poor, 38% fair, 52% good. Cotton planted 60%, 49% 1999, 64% avg.; 2% poor, 43% fair, 55% good. Cucumbers 100% planted, 99% 1999, 92% avg.; 3% poor, 22% fair, 75% good. Grain Hay 77% harvested, 60% 1999, 59% avg. Hay 1% very poor, 5% poor, 35% fair, 52% good, 7% excellent. Oats 100% headed, 98% 1999, 99% avg.; 85% turned color, 50% 1999, 57% avg.; 56% ripe, 9% 1999, 19% avg.; 10% harvested, NA 1999, NA avg.; 1% poor, 23% fair, 67% good, 9% excellent. Peaches 4% very poor, 4% poor, 26% fair, 51% good, 15% excellent. Peanuts 61% planted, 60% 1999, 65% avg.; 1% poor, 50% fair, 49% good. Rye 100% headed, 98% 1999, 80% avg.; 74% turned color, 41% 1999, 53% avg; 32% ripe, 6% 1999, 17% avg.; 5% harvested, NA 1999, NA avg; 3% poor, 26% fair, 69% good, 2% excellent. Snap beans 95% planted, 85% 1999, 83% avg.; 5% fair, 90% good, 5% excellent. Sorghum 70% planted, 58% 1999, 37% avg.; 100% good. Soybeans 23% planted, 19% 1999, 13% avg.; 14% emerged, 8% 1999, 7% avg; 1% poor, 22% fair, 76% good, 1% excellent. Sweetpotatoes 52% planted, 27% 1999, 29% avg.; 16% poor, 65% fair, 19% good. Tobacco 100% transplanted, 99% 1999, 98% avg.; 17% fair, 80% good, 3% excellent. Tomatoes 99% planted, 100% 1999, 99% avg.; 3% poor, 8% fair, 35% good, 54% excellent. Watermelons 97% planted, 98% 1999, 96% avg.; 8% poor, 35% fair, 57% good. Winter grazings 11% very poor, 15% poor, 32% fair, 35% good, 7% excellent. Winter wheat 100% headed, 98% 1999, 99% avg; 66% turning color, 42% 1999, 48% avg.; 18% ripe, 5% 1999, 12% avg; 2% harvested. NA 1999, NA avg.; 1% very poor, 4% poor, 19% fair, 69% good, 7% excellent. Hot, dry weather, low soil moisture stopping planting in many areas.

**SOUTH DAKOTA:** Days suitable for field work 3.5. Topsoil 2% very short, 15% short, 77% adequate, 6% surplus. Subsoil moisture 6% very short, 23% short, 64% adequate, 7% surplus. Feed supplies 4% short, 80% adequate, 16% surplus. Stock water supplies 1% very short, 11% short, 76% adequate, 12% surplus. Winter rye 5% poor, 14% fair, 50% good, 31% excellent. Winter rye boot 38%, 33% 1999, 18% avg. Winter rye headed 0%, 0% 1999, NA% avg. Winter wheat boot 26%, 54% 1999, 21% avg. Sorghum emerged 2%, NA% 1999, NA% avg. Range, pasture 1% very poor, 4% poor, 21% fair, 55% good, 19% excellent. Cattle 5% fair, 67% good, 28% excellent. Calving 92% complete. Cattle move to pasture 58% complete. Sheep 7% fair, 60% good, 33% excellent. Lambing 92% complete. Statewide, growing degree days are an average



of 45 gdd ahead of normal. Needed showers moved through most of the state but missed the driest areas. Rains during the week slowed field work considerably, easing the drying caused by high winds, bright sun. Small grains, row crops progress are well ahead of average.

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**TENNESSEE:** Days suitable for fieldwork 5. Topsoil 1% very short, 9% short, 76% adequate, 14% surplus. Subsoil moisture 1% very short, 15% short, 78% adequate, 6% surplus. Tobacco 24% transplanted, 19% 1999, 18% avg. Wheat 16% turning color, 13% 1999, 10% avg.; 5% poor, 20% fair, 56% good, 19% excellent. Pastures 3% poor, 24% fair, 59% good, 14% excellent. Alfalfa 40% first cutting complete, 38% 1999, 28% avg.; 2% poor, 22% fair, 60% good, 16% excellent. Other hay 33% first cutting complete, 20% 1999; 4% poor, 27% fair, 56% good, 13% excellent. Farmers across the State were busy last week planting crops, cutting hay. Corn producers were applying nitrogen, spraying insecticides on their crop. Cotton planting continued to make good progress last week despite scattered rain showers. The majority of the wheat crop remains in good-to-excellent condition, but problems with disease continue to worry growers. Hay producers are cutting hay as weather permits. Rain showers hampered producers in the Western part of the State, while producers in other areas had mostly clear skies. Many East counties are in need of moisture, some farmers there are delaying further planting until they receive rain. Temperatures averaged from 1° above normal in WestState to 6° above normal in the East.

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**TEXAS:** High winds, above normal temperatures slowed crop progress, land preparation in portions of the Plains, Trans Pecos, Edwards Plateau, North Central areas. Progress was extremely limited in southern areas of the Low Rolling Plains, northern Edwards Plateau as only trace amounts of soil moisture have been received this spring. Some temperatures exceeded 100°, wind erosion was substantial in some areas. Planting was on hold awaiting adequate soil moisture in many locations, in some areas of East planting was on hold awaiting adequate drying conditions. Herd reduction, liquidation increased in the dryer areas, hauling water to remaining livestock remained necessary in portions of these same areas. Haying operations continued where possible. In the Rio Grande Valley, Winter Garden areas, vegetables continued to make progress but rains were needed. Field Crops: Small Grains: Threshing continued in some southern areas as conditions allowed. Some remaining dryland small grains remained in generally poor condition, were being baled for hay or grazed out. Rust continued to be a problem in some remaining fields across the state. Statewide wheat condition was rated at 39° of normal compared with 74° 1999. Wheat Harvested Published 2%, 1999 3%, Average 1%. Oats Harvested Published 16%, 1999 11%, Average 7%. Corn: Planting was mostly completed in areas of the Plains where planting will be possible, some dry land corn will not be planted this growing season. Cultivation continued in all areas, irrigated corn made the most progress on the Plains. High winds caused some damage to young plants in a few locations. Statewide corn condition was rated at 82 percent of normal compared with 84 percent last year. Silked Published 21%, 1999 12%, Average 5%. Dough Published 2%, 1999 0%, Average 0%. Cotton: Cotton planting continued in northern areas, however some planting activities were halted as the result of high winds. Other areas were still too dry to plant. Squaring continued in early cotton in southern areas. Some damage occurred to young cotton plants from blowing sand and thrip populations were high in a few locations. Squaring Published 4%, 1999 4%, Average 4%. Rice: Early planted fields continued to be flooded and some were under permanent flood. State wide rice condition was rated at 90° of normal compared with 91° 1999. Sorghum: Planting was winding down in northern areas, but was on hold in a few locations as a result of high winds. Sorghum planting will be delayed or canceled in other areas if adequate moisture is not received soon. Headed continued in southern areas and cultivation continued where necessary. Statewide sorghum condition was rated at 74° of normal compared with 82° 1999. Headed Published 15%, 1999 8%, Average 7%. Peanuts: Land preparation continued in the growing areas and planting was mostly completed statewide. Emergence of irrigated peanuts was favorable. Soybeans: Land preparation remained active where possible. Planting continued along the upper Coast, South Central State, the Plains. Planting continued to be delayed in some areas where winds were strong, in some other areas where adequate drying had not occurred. Commercial Vegetables, Fruit, Pecans Rio Grande Valley, melon harvest remained very active and 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 and dry weather continued. San Antonio-Winter Garden, harvest of cabbage, carrots continued,

green beans, peas, and onions made good to average progress. Strong winds caused stress to some fields where irrigation was limited. East State, planting continued, for peas, cucumbers, peppers, egg plants. Sweet potato planting continued in the dryer areas and 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 of later varieties continued in central and southern areas. Harvest continued with early varieties in a few locations and was completed in southern locations. Pecans: nutlet development continued in most areas. Zinc applications continued to be applied by producers in southern, central areas, spraying for pecan nut casebearers continued in portions of these same areas. Range, Livestock: High winds and hot temperatures slowed recovery across the state. The Trans-Pecos regions remained mostly void of favorable moisture, recovery was also limited in areas of the Low Rolling Plains, and Edwards Plateau. Herd reduction, liquidation moved ahead in portions of these regions as supplemental feeding remained necessary and available water continued to be depleted. 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.

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**UTAH:** Days suitable for field work 5. Topsoil moisture 1% very short, 25% short, 72% adequate, 2% surplus. Subsoil moisture 1% very short, 25% short, 73% adequate, 1% surplus. Sheep condition 1% very poor, 3% poor, 22% fair, 70% good, 4% excellent. Pasture and range condition 11% poor, 34% fair, 53% good, 2% excellent. Average alfalfa height 13 inches, 10 inches 1999, 11 inches avg. Corn planted 72%, 29% 1999, 50% avg. Spring wheat emerged 92%, 85% 1999, 87% avg. Barley emerged 92%, 84% 1999, 85% avg. Oats: planted 88%, 79% 1999, 74% avg; emerged 64%, 55% 1999, 50% avg. Potatoes planted 87%, 73% 1999, 56% avg. Ewes lambing on range 87%, 91% 1999, 88% avg. Sheep sheared on range 95%, 98% 1999, 96% avg. Cattle moved to summer range 22%, 23% 1999, 24% avg. Sheep moved to summer range 20%, 22% 1999, 23% avg. Major farm and ranch activities included planting corn and vegetables, applying herbicides to small grains, and beginning to move livestock to summer ranges.

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**WASHINGTON:** Days suitable for fieldwork 4.7. Topsoil was 5% very short, 20% short, 62% adequate, 13% surplus. Subsoil moisture 5% very short, 27% short, 66% adequate, 2% surplus. Winter wheat dryland 5% poor, 19% fair, 61% good, 15% excellent; irrigated 100% good. Headed 7%, 1% 1999, 3% Avg. Winter wheat crop conditions remained favorable with mostly adequate moisture. Higher elevations in eastern state were behind on spraying due to wet weather. Spring wheat dryland 1% poor, 71% fair, 28% good; irrigated 100% good. Planted 98%, 98% 1999, 94% avg.; emerged 89%, 87% 1999, 79% avg. Barley, dryland 1% poor, 38% fair and 61% good; irrigated 100% good. Planted 97%, 98% 1999, 93% avg.; emerged 89%, 85% 1999, 75% avg. Planting of spring crops was delayed by rain and areas of snow. Most cereal grain crops were nearly planted, emerged. Areas of hail were reported on May 9 in eastern state. Potatoes 9% fair, 89% good, 2% excellent. Emerged 69%, 46% 1999, 52% avg. Alfalfa hay, first cutting, 15% complete. Hay, roughage 99% adequate, 1% surplus. Range, Pasture 10% poor, 48% fair, 41% good and 1% excellent. Planting of vegetable, field crops continued in western state. Sweet corn planting continued. Asparagus harvest continued. Blueberries, strawberries, apples were in bloom. Raspberry blossoms were emerging. Blueberry growers were fertilizing plants, mowing cover crops between rows. Reports of hail on May 9 in eastern state damaged some very small fruits. Apple growers were applying scab sprays between rains. Thinning, irrigation, weed control continued in fruit crops. Christmas tree growers continued applying insecticides for aphids, adelgids. The first cutting of alfalfa hay was started, with reports of spraying for alfalfa weevil. Timothy, alfalfa hay stands were in good condition. First cutting of grass silage was mostly completed.

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**VIRGINIA:** Days suitable for fieldwork 5.9. Topsoil 5% very short, 45% short, 50% adequate. However, topsoil moisture continues to decline as dry weather conditions persist throughout the State. Open weather conditions allowed producers to make good progress planting corn, soybeans. Intended Acreage Prepared for Spring Planting 88%, 94% 1999, 83% 5-yr avg. Wheat 11% fair, 61% good, 28% excellent; Wheat headed 81%, 35% 1999, 34% 5-yr avg. Hay 1% very poor, 6% poor, 39% fair, 50% good, 4% excellent. Corn 70% planted, 81% 1999, 43% 5-yr avg. Soybeans 48% planted, 58% 1999, 11% 5-yr avg. Oats 87%

Planted, 94% 1999, 81% 5-yr avg; Oats 55% emerged, 63% 1999, 53% 5-yr avg. Tobacco beds 100% seeded, 100% 1999, 100% 5-yr avg. Tobacco beds 99% emerged, 100% 1999, 98% 5-yr avg. Tobacco 3% transplanted. Apple 8% poor, 68% fair, 24% good. Peach 8% poor, 67% fair, 25% good. Cattle 1% very poor, 4% poor, 15% fair, 77% good, 3% excellent; 96% calved. Sheep 1% poor, 7% fair, 90% good, 2% excellent; 99% lambled. Feed grain supplies 5% very short, 7% short, 70% adequate, 18% surplus. Hay, roughage supplies 14% very short, 26% short, 60% adequate.

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**WISCONSIN:** Days suitable for fieldwork 4.6. Soil moisture 6% very short, 33% short, 57% adequate, 4% surplus. Most of the state received much-needed rainfall during the past week. Temperatures were warm most of the week, then turned cool over the weekend, with frost warnings in the north. The showers helped recently-planted corn, soybeans to emerge at record paces. Soil moisture improved by 36° points last week. The Northeastern, Central districts were still rated as mostly short. Spring tillage was slowed due to last week's showers. Spring tillage: 92% 2000, 82% 1999, 72% 5-year average. Alfalfa, pastures benefitted greatly from last week's showers. Crop reporters commented that hay cutting would start soon. Winter wheat in Walworth County had reached the boot stage with some being cut for feed. Winter wheat 0% very poor, 0% poor, 6% fair, 67% good, 27% excellent. Potato planting in Vilas County was in full swing last week. Wood County reported that apples, cherries, strawberries were in bloom and that cranberries were progressing well. Pasture feed 3% very poor, 5% poor, 34% fair, 48% good, 10% excellent.

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**WYOMING:** Days suitable for fieldwork 4.6. Topsoil 4% very short, 32% short, 64% adequate. Barley 92% planted, 84% 1999, 8% avg.; 70% emerged, 67% 1999, 69% avg.; jointed 2%, 5% 1999, 6% avg. Barley 33% fair, 58% good, 9% excellent. Oats 79% planted, 65% 1999, 72% avg.; 47% emerged, 28% 1999, 33% avg. Spring wheat 83% planted, 62% 1999, 72% avg.; 35% emerged, 41% 1999, 38% avg. Winter wheat 43% jointed, 23% 1999, 22% avg. Winter wheat 14% very poor, 15% poor, 25% fair, 46% good. Sugarbeets emerged 83%, 60% 1999, 49% avg. Sugarbeet 3% poor, 12% fair, 77% good, 8% excellent. Corn planted 77%, 43% 1999, 60% avg.; 39% emerged, 3% 1999, 11% avg. Dry beans 4% planted, 0% 1999, 3% avg. Range flock ewes lambled 69%, 53% 1999, 51% avg. Range flock sheep shorn 97%, 79% 1999, 87% avg. All livestock in mostly good condition. Cattle moved to summer ranges 26%. Sheep moved to summer ranges 11%. Range, pasture 4% poor, 30% fair, 63% good, 3% excellent. Irrigation water supplies 1% very short, 31% short, 68% adequate. A hard freeze late in the week may force producers to replant some crops.