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# Weekly Weather and Crop Bulletin State Stories

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**ALABAMA:** Days suitable for fieldwork 6.4. Topsoil 68% moisture, 28% short, 4% adequate, 00% surplus. Corn 69% silked, 83% 2006, 74% avg.; condition 70% very poor, 18% poor, 9% fair, 3% good, 0% excellent. Soybeans 96% planted, 99% 2006, 91% avg.; 82% emerged, 92% 2006, 78% avg.; 13% blooming, 15% 2006, 10% avg.; condition 45% very poor, 40% poor, 14% fair, 1% good, 0% excellent. Pasture condition 57% very poor, 29% poor, 12% fair, 2% good, 0% excellent. Livestock condition 41% very poor, 29% poor, 22% fair, 8% good, 0% excellent. After a second week of spotty rainfall, areas of drought in southwestern Alabama improved slightly from extreme to severe conditions. The year-to-date totals for all weather stations remained below normal, with several areas in northeastern, north-central Alabama still more than 20 inches behind.

**ALASKA:** Days suitable for fieldwork 6.0. Topsoil moisture supplies 25% short, 75% adequate. Subsoil moisture supplies 20% short, 80% adequate. Barley 10% headed. Oats 30% in-boot. Potatoes 90% emerged. Hay 1st cutting complete 50%. Barley condition 10% fair, 40% good; 50% excellent. Oat condition 10% fair, 60% good, 30% excellent. Potatoes condition 10% fair, 75% good, 15% excellent. Hay condition 5% poor, 10% fair, 45% good, 40% excellent. Crop growth 15% slow, 55% moderate, 30% rapid. Wind, rain damage to crops 100% none. The main farm activities for the week were harvesting hay, weed control, fertilizing hay, working fallow ground, seeding forage crops.

**ARIZONA:** Temperatures were above normal in the State for the week ending July 1. Precipitation was reported at 1 of the 22 reporting stations. Willcox received 0.29 inches for the week. There remain only four stations with above normal precipitation for the year to date. Alfalfa harvest continues in Arizona with over three quarters of the State's acreage active. Small grain harvesting is at least 75 percent complete, slightly behind the 5-year average. Cotton squaring is 75 percent complete across the State, slightly ahead of the 5-year average of 72 percent. Cotton acreage across the State continues setting bolls with 30 percent completed.

**ARKANSAS:** Days suitable for fieldwork 5.0. Topsoil moisture supplies 4% very short, 24% short, 64% adequate, 8% surplus. Subsoil moisture supplies 3% very short, 23% short, 71% adequate, 3% surplus. Corn 91% silked, 97% 2006, 86% avg.; 29% dough, 17% 2006, 6% avg.; 8% dent 0% 2006, 0% avg.; condition 1% very poor, 4% poor, 22% fair, 49% good, 24% excellent. Soybeans 8% setting pods, 9% 2006, 2% avg. Alfalfa hay condition 46% fair, 40% good, 14% excellent. Other hay condition 9% poor, 36% fair, 47% good, 8% excellent. Corn, rice, sorghum, and soybean conditions improved last week, each crop was rated at least 68% good to excellent. The corn crop continued to progress ahead of normal as dough stage was 23 percentage points ahead of the 5-year average. By weeks end, only 4% of the cotton crop had not reached the squaring stage. Sorghum headed had a 27% jump from the previous week. Only 1% of the state's soybean crop remained to be planted and only 5% had not emerged. Wheat harvest was slowed by the frequent rains. Cattle conditions were reported as fair to good, pasture conditions were mostly good to excellent. Last week, producers continued spraying pastures, harvesting hay, and controlling brush growth.

**CALIFORNIA:** Some areas of the State experienced cool overnight temperatures which slowed rice development. Fertilization, irrigation, weed treatments continued on rice fields. Cotton square development was also slow in some areas due to low overnight temperatures. Sunflower, safflower were still blooming in the Sacramento Valley. Safflower was past full bloom in other areas. Alfalfa production continued with cutting, baling. Some fields were being irrigated. Barley, oat, wheat harvests remained underway in some parts of the State.

Wheat harvest was complete in many areas. Blackeye beans were flowering in Tulare County. A second planting of corn was underway. New sugar beet fields were being fertilized, irrigated, cultivated, treated for insect control, weeds, diseases. Grape growers continued to fertilize, irrigate, apply spray applications to control weeds, diseases, insects. Stone fruit orchard activities included irrigation, fertilization, the application of herbicides. Black Velvet, Patterson, Judy's Delight apricots were harvested. Galaxy, Honey Sweet, Ivory Princess, Earlich, Saturn, Sierra Snow, Super Rich peach, Royal Snow, Red Roy, Ruby Diamond, Honey Kist, Ruby Pearl, Spring Bright, Spring Sweet nectarine harvests were ongoing. Flavorosa, Flavor Green, Early Dapple pluot varieties continued to be harvested. Plum harvest progressed with Fortune, Yummy Beaut, Yummy Rosa, Hiromi Red, Earliqueen, Showtime varieties being packed. Cherry harvest was winding down. Apple, pear, quince orchards were still being thinned. Pomegranates, figs continued to form fruit. Kiwifruit, persimmons were treated to control weeds, insects. Strawberries, blueberries were still being harvested. Harvest continued for lemons, grapefruit. Fruit drop was seen in orange orchards. Citrus growers were treating to control fungus, insects, weeds, applying nutrients. Olive production proceeded normally. Development in all nut crops was going well. Almond branches were still being propped due to the heavy set. Walnut growers were still irrigating orchards, treating for codling moth, scale. Fresh market tomato, cantaloupe, honeydew planting was winding down in Merced County. Eggplant, melons, squash, tomatoes were growing well. Melon, cantaloupe, honeydew harvest began in Fresno County. In Stanislaus County melons were being irrigated, zucchini squash was harvested. Processing, fresh market tomato, lettuce fields were being treated to control insects, weeds, mildew. Harvests of bok choy, broccoli, cabbage, carrots, cilantro, collard greens, cucumbers, daikon, dandelion greens, garlic, green onions, kale, leaf, head lettuce, leeks, mustard greens, parsley, parsnips, rutabaga, spinach, tomatoes were ongoing in Fresno County. A few cattle, mainly beef cows, remained on dry foothill pastures in some areas, were receiving hay, almond hulls, and/or nutrient supplements. Most feeder cattle have shipped from pastures. Cattle on irrigated pastures were in good condition. Milk production has been dropping due to hotter weather, particularly in the central area. Sheep were grazing on dryland wheat, retired farm land, in older alfalfa hay fields. Bee hives were being placed into alfalfa, onion, melon, squash fields. Leaf cutter bees were being placed near seed alfalfa fields.

**COLORADO:** Days suitable for fieldwork 6.2. Topsoil moisture 6% very short, 24% short, 68% adequate, 2% surplus. Subsoil moisture 5% very short, 31% short, 61% adequate, 3% surplus. Spring barley 70% headed, 85% 2006, 87% avg.; 14% turning color, 13% 2006, 16% avg.; condition 4% poor, 25% fair, 50% good, 21% excellent. Spring wheat 60% headed, 80% 2006, 78% avg.; condition 3% poor, 30% fair, 47% good, 20% excellent. Alfalfa 1st cutting 93%, 90% 2006, 87% avg.; 2nd cutting 16%, 11% 2006, 8% avg.; condition 2% poor, 23% fair, 52% good, 23% excellent. Dry onion condition 7% poor, 26% fair, 46% good, 21% excellent. Sugarbeets condition 3% poor, 19% fair, 61% good, 17% excellent. Summer potatoes 99% emerged, 97% 2006, 96% avg.; condition 1% poor, 9% fair, 40% good, 50% excellent. Fall potatoes 99% emerged, 96% 2006, 94% avg.; condition 9% poor, 37% fair, 41% good, 13% excellent. Dry beans 76% emerged, 99% 2006, 91% avg.; condition 1% poor, 12% fair, 76% good, 11% excellent. Above average temperatures continued across Colorado last week. Most areas were three to five degrees higher than normal for this time of year. Moisture was scarce across most of the state with the exception of heavy rain and hail being reported in the Arkansas River Valley. However, damage to the crops was not significant.

**DELAWARE:** Days suitable for fieldwork 5.8. Topsoil moisture 21% very short, 31% short, 48% adequate, 0% surplus. Subsoil moisture 22% very short, 25% short, 48% adequate, 0% surplus. Corn condition very poor 3%, poor 16%, 26% fair, 38% good, 17% excellent. Corn silked 14%, 14% 2006, 16% avg. Soybean condition very poor 0%, poor 10%, 36% fair, 43% good, 11% excellent. Soybeans planted 89%, 82% 2006, 80% avg. Soybeans emerged 69%, 70% 2006, 73% avg. Barley condition 0% very poor, 5% poor, 30% fair, 62% good, 3% excellent. Barley turned 100%, 100% 2006, 100% avg. Barley harvested 98%, 84% 2006, 85% avg. Winter wheat condition very poor 1%, 6% poor, 25% fair, 63% good, 5% excellent. Winter wheat turned 100%, 99% 2006, 90% avg. Winter wheat harvested 53%, 36% 2006, 43% avg. Pasture condition 2% very poor, 13% poor, 46% fair, 37% good, 2% excellent. Strawberries harvested 100%, 98% 2006, 97% avg. Other Hay second cutting 56%, 31% 2006, 42% avg. Alfalfa hay second cutting 87%, 60% 2006, 55% avg. Apple condition 2% very poor, 6% poor, 23% fair, 67% good, 2% excellent. Peach condition 1% very poor, 4% poor, 17% fair, 76% good, 2% excellent. Cucumbers planted 77%, 60% 2006, 63% avg. Lima Beans planted 80%, 57% 2006, 58% avg. Snap Beans planted 92%, 92% 2006, 94% avg. Snap Beans harvested 13%, 12% 2006, 11% avg. Sweet Corn planted 94%, 82% 2006, 85% avg. Sweet Corn harvested 7%, 4% 2006, 3% avg. Green Peas harvested 93%, 80% 2006, 82% avg. Tomatoes planted 99%, 91% 2006, 89% avg. Hay supplies very short 0%, 20% short, 72% adequate, 8% surplus. Last week's thunderstorms were welcomed by farmers across the state of Delaware, however soil moisture is still low.

**FLORIDA:** Topsoil moisture 44% very short, 31% short, 24% adequate, 1% surplus. Subsoil moisture 46% very short, 34% short, 19% adequate, 1% surplus. Peanuts 28% pegged, 39% pr yr, 49% 5-yr avg.; condition 20% very poor, 43% poor, 34% fair, 3% good. Conditions worsen from lack of rain, most crops throughout Panhandle, northern Peninsula areas. Hay fields continue to suffer, most still brown, not growing, Jackson County. All but irrigated corn negatively impacted with cattlemen feeding corn to cattle since lack of hay supply, Jackson County. Non-irrigated corn, peanuts, Jackson County in poor condition. Peanuts entering time frame where bloom, pegging depend on adequate moisture if crop is to be made; currently weather conditions not permitting this. Pastures, ornamentals, field crops, Martin County exhibit signs of stress, but there is enough moisture for field-grown crops to succeed. Rain slowed some field work with most harvesting finished. Okra harvest continued, Dade County. Growers continued to market tomatoes, Quincy area. Midweek rain, east coast, some central citrus producing areas; weekend, added rain, various parts of State. Southwest, over 4.00 in., followed by west coast, extreme southern region, over 1.50 in. Some dry conditions still exist, including low water levels, canals, ditches, afternoon tree wilt. Cultural practices continued fertilization, hedging, resetting of young trees, summer oils applied. Overall, trees in good condition with some new growth, a healthy crop for next season. Fruit is sizing well. Oranges about golf ball size, grapefruit larger. Valencia harvest neared completion. Throughout summer, small quantities will still be harvested for fresh squeezed juice. Pasture feed 20% very poor, 40% poor, 20% fair, 15% good, 5% excellent. Cattle condition 5% very poor, 30% poor, 50% fair, 15% good. Panhandle pasture very poor to good, most poor. Supplemental hay fed to cattle, sheep, goats. Most pastures, hay fields brown with little or no growth. Some cattle sold for lack of feed. Hay scarce, shelled corn expensive. Some drought-stressed corn stalks chopped for feed, drought-stressed corn stalks have high nitrate level. North pasture very poor to fair, most fair. Central pasture poor to excellent, most poor. Recent rain enabled growth of drought-stressed pasture grass. Southwest pasture very poor to excellent, most in poor. Some locations received enough rain for grass to grow. Despite recent rain in some locations, daytime high temperatures over past 10 days wilted pasture grass. Statewide cattle very poor to good, most fair condition.

**GEORGIA:** Days suitable for fieldwork 6.2. Topsoil moisture 30% very short, 43% short, 26% adequate, 1% surplus. Corn 19% very poor, 26% poor, 25% fair, 27% good, 3% excellent. Soybeans 6% very poor, 15% poor, 39% fair, 39% good, 1% excellent. Sorghum 11% very poor, 15% poor, 42% fair, 31% good, 1% excellent. Apples 70% very poor, 20% poor, 10% fair, 0% good, 0% excellent. Hay 37% very poor, 34% poor, 20% fair, 9% good, 0% excellent. Peaches 72% very poor, 18% poor, 9% fair, 1% good, 0% excellent. Pecans 12% very poor, 24% poor, 30% fair, 28% good, 6% excellent. Tobacco 3% very poor, 12% poor, 41% fair, 41% good, 3% excellent. Watermelons 4% very

poor, 15% poor, 43% fair, 36% good, 2% excellent. Corn 85% silked, 87% 2006, 87% avg.; 43% dough, 53% 2006, 53% avg.; 7% dent, 13% 2006, 16% avg. Soybeans 89% planted, 97% 2006, 95% avg.; 80% emerged, 90% 2006, 90% avg.; 4% blooming, 10% 2006, 15% avg. Sorghum 86% planted, 94% 2006, 90% avg. Peaches 60% harvested, 36% 2006, 49% avg. Peanuts 44% blooming, 68% 2006, 73% avg. Tobacco 40% harvested, 5% 2006, 7% avg. Watermelons 57% harvested, 57% 2006, 54% avg. While many farmers still need rain, weekend showers brought some relief to the drought conditions. Average highs were in the high 80's to the mid-90's; lows were in the 60's. The northeast part of the State also received showers during the week. Weekend rains have helped crop conditions remain stable, improved in some areas. Cattle were moving to market much earlier than normal. Forage crops have greened up some. Crop development has been slowed by the dry conditions. Disease problems have been reported in some vegetable crops. There were reports of Tomato Spotted Wilt Virus in tobacco, weed pressure was high in many fields. Soybean planting continued. Other activities included cutting hay, feeding hay to cattle, applying sucker control, insecticides to tobacco, applying herbicides to peanuts, cotton, applying poultry litter to pastures, and spraying pastures for weeds.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture was variable. Soil moisture in some windward areas received a boost from daily showers. Soil moisture in leeward areas continued to experience short levels with only a few areas receiving scattered showers. Crop progress for bananas, papayas were fair to good. Banana harvesting at a seasonal high in some areas. Watermelon harvesting was active, supplies are anticipated to be heavy for the Fourth of July holiday. Sugarcane fields were in generally good condition with planting, harvesting activities ongoing. Coffee fields were in mostly good condition as green berries continued to mature. Non-irrigated vegetables made fair progress. Irrigated vegetables made good progress. Harvesting was active, expected to increase for some vegetable crops. Pasture conditions ranged from fair to poor. Spraying for insect control was hampered by brisk winds. Insect population, damage increased in some areas. Irrigation levels were moderate to high to combat dryness. Days were generally sunny, warm. Trade wind weather during the second half of the week provided some windward areas with almost daily showers, partly cloudy skies. The moderate trade winds hampered some forms of irrigation. Due to ongoing dry conditions, voluntary, mandatory water restrictions remained in place across most of the State.

**IDAHO:** Days suitable for fieldwork 6.8. Topsoil moisture 13% very short, 34% short, 53% adequate, 0% surplus. Winter wheat turning color 23%, 17% 2006, 16% avg. Spring wheat boot stage 93%, 78% 2006, 80% avg. Barley 93% jointed, 89% 2006, 94% avg.; boot stage 77%, 67% 2006, 75% avg. Potato condition 0% very poor, 0% poor, 13% fair, 77% good, 10% excellent. Potatoes 12 inches high 73%, 72% 2006, 61% avg.; 33% closing middles, 28% 2006, 26% avg. Alfalfa hay 1st cutting 92%, 89% 2006, 87% avg.; 2nd cutting 14%, 18% 2006, 12% avg. Dry beans 100% emerged, 99% 2006, 99% avg. Cherries 38% harvested, 33% 2006, 55% avg. Irrigation water supply 3% very poor, 13% poor, 45% fair, 37% good, 2% excellent.

**ILLINOIS:** Days suitable for fieldwork 4.4. Topsoil moisture 2% very short, 16% short, 74% adequate, 8% surplus. Corn avg. height 66 in., 54 in. 2006, 50 in. avg. Oats 99% headed, 96% 2006, 97% avg.; 90% filled, 85% 2006, 76% avg.; 49% turning yellow, 40% 2006, 40% avg.; 19% ripe, 13% 2006, 14% avg.; 7% harvested, 4% 2006, 4% avg.; condition 2% very poor, 2% poor, 34% fair, 56% good, 6% excellent. Alfalfa 2nd crop cut 50%, 57% 2006, 47% avg.; 3rd crop cut 1%, 3% 2006, 1% avg.; condition 4% very poor, 15% poor, 30% fair, 42% good, 9% excellent. Red clover cut 91%, 96% 2006, 94% avg. Growing conditions were ideal across the state last week as the rains continued to fall and temperatures moderated. Nearly all areas of the state were reporting tremendous recovery, growth of their corn and soybean crops. Average corn height at 66 inches is a record for this time of year and corn silked at 32 percent is just two points behind the previous record set in 2004. Topsoil moisture levels and crop conditions continued their improvement last week with cooler than normal average temperatures blanketing the state. Humidity levels were high last week prior to the cooler air moving in which provided conditions that promoted the growth of grey leaf spot, rust, other leaf diseases in corn. Fungicides were being applied by spray planes in many areas to combat these diseases, insecticides were also being applied in corn to prevent silk clipping in corn fields from corn rootworm beetles, Japanese beetles. Rainfall during the week also slowed wheat harvest, hay baling in most areas. The recent rains will provide the needed

moisture to germinate double crop beans that were planted in dry topsoils, allow those who were waiting for better planting conditions to proceed. Cattle producers are still trying to find all the possible hay to bale that they can due to the short crop and the need to feed hay already due to short pastures. Farmers were also busy last week scouting fields and mowing weeds.

**INDIANA:** Days suitable for fieldwork 4.5. Topsoil moisture 18% very short, 34% short, 46% adequate, 2% surplus. Subsoil moisture 23% very short, 38% short, 39% adequate. Corn 10% silked, 4% 2006, 7% avg.; condition 3% very poor, 11% poor, 31% fair, 47% good, 8% excellent. Soybeans 15% blooming, 3% 2006, 10% avg.; condition 5% very poor, 14% poor, 35% fair, 41% good, 5% excellent. Winter wheat 49% harvested, 35% 2006, 47% avg.; condition 2% very poor, 18% poor, 46% fair, 32% good, 2% excellent. Pasture condition 18% very poor, 31% poor, 38% fair, 13% good. Livestock remain in mostly good condition. Average temperatures ranged from 3° below normal to 4° above normal with a high of 92° and a low of 51°. Precipitation averaged from .12 to 3.83 inches. Scattered showers, pop-up thunderstorms moved across portions of the state during the week. Recent rain has brought much needed relief to major crops. Pastures, forage crops have also improved and greened up. Corn, soybean growth advanced rapidly during the week with several corn fields reaching the silking stage. Wheat harvest made good progress. Second cutting of hay crops continued. Activities included maintaining irrigation equipment, planting double crop soybeans, scouting fields, spraying herbicides, cutting, baling hay, mowing roadsides, ditches, hauling manure and taking care of livestock.

**IOWA:** Days suitable for fieldwork 6.2. Topsoil moisture 7% very short, 22% short, 67% adequate, 4% surplus. Subsoil moisture 3% very short, 13% short, 75% adequate, 9% surplus. Oats 36% turning color, condition 0% very poor, 4% poor, 22% fair, 60% good, 14% excellent. Corn 5% tasseled, condition 1% very poor, 4% poor, 19% fair, 54% good, 22% excellent. Soybeans 27% blooming. Alfalfa 2nd cutting complete 10%. Soybean condition 1% very poor, 3% poor, 20% fair, 58% good, 18% excellent. Hay condition 2% very poor, 9% poor, 32% fair, 49% good, 8% excellent. Pasture condition 1% very poor, 6% poor, 31% fair, 53% good, and 9% excellent. Crops are beginning to show stress from lack of rainfall. Pesticide application conditions were favorable. Grain movement has picked up with most field work completed. Livestock operations are having some fly population problems.

**KANSAS:** Days suitable for fieldwork 4.4. Topsoil moisture 3% very short, 20% short, 54% adequate, 23% surplus. Subsoil moisture 1% very short, 16% short, 63% adequate, 20% surplus. Wheat 99% ripe, 99% 2006, 98% avg. Soybeans 91% planted, 99% 2006, 98% avg.; 85% emerged, 94% 2006, 93% avg. Sorghum 84% emerged, 92% 2006, 88% avg. Sunflowers 63% emerged, 84% 2006, 77% avg.; condition 50% fair, 45% good, 5% excellent. Alfalfa 2nd cutting 44%, 74% 2006, 65% avg.; 3rd cutting 1%. Feed grain supplies 4% very short, 11% short, 84% adequate, 1% surplus. Hay, forage supplies 5% very short, 18% short, 74% adequate, 3% surplus. Stock water supplies 6% short, 75% adequate, 19% surplus. The State received moderate to heavy amounts of rainfall over the week with heavy amounts concentrated in the southeastern counties. Harvesting wheat and row crop planting were the primary activities where fields could be worked.

**KENTUCKY:** Days suitable fieldwork 5.2. Topsoil moisture 39% very short, 36% short, 24% adequate, 1% surplus. Subsoil moisture 41% very short, 38% short, 20% adequate, 1% surplus. Double-crop soybeans 80% planted, 91% 2006, 80% 5 yr avg.; 13% blooming. Tobacco height less than 12 in. 55%, 12-24 in. 32%, more than 24 in. 13%. Black shank has been reported in western part of the State. Winter wheat 78% harvest, 90% 2006, 86% 5-year avg. Set tobacco condition 12% very poor, 16% poor, 30% fair, 36% good, 6% excellent. Pasture condition 26% very poor, 36% poor, 28% fair, 9% good, 1% excellent. Most of the state received scattered showers but much more rain is needed. First time in eight weeks above average State rainfall received. Hay crops short. Insect infestation present but under control.

**LOUISIANA:** Days suitable for fieldwork 5.3. Soil moisture 8% very short, 17% short, 67% adequate, 8% surplus. Corn 62% dough, 62% 2006, 52% avg.; 3% mature, 3% 2006, 3% avg.; 6% very poor, 11% poor, 24% fair, 46% good, 13% excellent; Hay 1st cutting 92%, 100% 2006, 92% avg.; 2nd cutting 19%, 18% 2006, 9% avg. Peaches 52% harvested, 44% 2006, 50% avg. Sorghum 6% turning color, 13% 2006, 4% avg. Soybeans 100% planted, 100% 2006, 97% avg.; 99% emerged, 99% 2006, 93% avg.; 38% setting pods, 47% 2006, 25% avg. Sweet potatoes 98% planted, 99% 2006, 88% avg. Sugarcane 3%

poor, 36% fair, 42% good, 19% excellent. Livestock 4% poor, 22% fair, 67% good, 7% excellent. Vegetable 2% very poor, 11% poor, 36% fair, 46% good, 5% excellent. Range, pasture 1% very poor, 6% poor, 29% fair, 55% good, 9% excellent.

**MARYLAND:** Days suitable for fieldwork 6.6. Topsoil moisture 29% very short, 42% short, 29% adequate, 0% surplus. Subsoil moisture 27% very short, 35% short, 38% adequate, 0% surplus. Corn condition 6% very poor, 8% poor, 24% fair, 45% good, 17% excellent; 10% silked, 21% 2006, 13% avg. Soybean condition 4% very poor, 8% poor, 22% fair, 62% good, 4% excellent; 92% planted, 84% 2006, 81% avg.; 86% emerged, 95% 2006, 79% avg. Barley condition 0% very poor, 8% poor, 27% fair, 53% good, 12% excellent; 100% turned, 100% 2006, 99% avg.; 100% harvested, 100% 2006, 84% avg. Winter wheat condition 1% very poor, 6% poor, 20% fair, 66% good, 7% excellent; 97% turned, 99% 2006, 98% avg.; 56% harvested, 34% 2006, 43% avg. Pasture condition 9% very poor, 17% poor, 47% fair, 26% good, 1% excellent. Strawberries 100% harvested, 99% 2006, 98% avg. Other hay 2nd cutting 40%, 21% 2006, 28% avg. Alfalfa hay 2nd cutting 86%, 57% 2006, 51% avg. Apple condition very poor 1%, poor 2%, 2% fair, 95% good, 0% excellent. Peach condition 10% very poor, 7% poor, 11% fair, 71% good, 1% excellent. Cucumbers 54% planted, 71% 2006, 65% avg. Lima beans 80% planted, 61% 2006, 69% avg. Snap beans 60% planted, 72% 2006, 71% avg. Sweet corn 97% planted, 92% 2006, 91% avg.; 7% harvested, 0% 2006, 0% avg. Green peas 73% harvested, 85% 2006, 85% avg. Tomatoes 98% planted, 95% 2006, 94% avg. Hay supplies 9% very short, 20% short, 71% adequate, 0% surplus. Soil moisture around the state is still low despite the sporadic thunderstorms during the week.

**MICHIGAN:** Days suitable for fieldwork 6. Topsoil 36% very short, 35% short, 25% adequate, 4% surplus. Subsoil 21% very short, 45% short, 31% adequate, 3% surplus. Corn height 34 inches, 26 inches 2006, 22 inches avg. Winter wheat 96% turning, 87% 2006, 65% avg. Barley 1% very poor, 7% poor, 25% fair, 60% good, 7% excellent. Oats 3% very poor, 12% poor, 35% fair, 39% good, 11% excellent; 80% headed, 84% 2006, 72% avg.; 13% turning, 5% 2006, 7% avg. All hay 3% very poor, 18% poor, 40% fair, 35% good, 4% excellent; 1st cutting hay 92%, 89% 2006, 84% avg.; 2nd cutting hay 12%, 18% 2006, 10% avg. Dry beans 2% very poor, 7% poor, 32% fair, 56% good, 3% excellent; 98% emerged, 95% 2006, 80% avg. Strawberries 89% harvested, 62% 2006, 81% avg. Tart cherries 28% harvested, 14% 2006, 9% avg. Precipitation varied from none eastern Upper Peninsula, northwest, west central Lower Peninsula to 0.83 inches southeast Lower Peninsula. Average temperatures ranged from 2 degree below normal western Upper Peninsula, northwest, west central Lower Peninsula to 1 degree above normal central Lower Peninsula. Dry conditions continued across State. Scattered precipitation during week fell short of growers' expectations, as soil moisture reported as short most areas. Corn condition varied depending on amount of rainfall received. Areas where little to no rain received, corn stressed, rolling visible. Soybean growth steady, slow with most stands reported good condition. Soybean fields began to flower. Soybean aphids present in low numbers. Oats continued to head out, in good condition. Barley progressed well. Alfalfa re-growth slow; second cutting underway some areas. Potato leaf hoppers continued to actively feed. Dry bean planting completed. Where adequate moisture, emerged fields very good stands. Sugarbeets continued to add growth, fill rows. Wheat rapidly ripened in the warm weather. Wheat drying down while harvest began other areas. Disease problems noted, reports mixed on quality of crop. Apples ranged from 1.3 inches northwest to 1.75 to 2.00 inches southeast. European red mite numbers increasing some orchards. Harvest of blueberries continued. Some growers irrigating to enhance berry sizing Peaches 1.25 to 1.5 inches diameter southwest. Harvest of raspberries began. Plums about 1.0 inch diameter across State. Tart cherry harvesting continued southwest, set to begin west central; fruit 16 mm northwest. Sweet cherries 20 to 21 mm northwest; harvest continued elsewhere. Concord grapes at berry touch southwest, vinifera at buckshot berry. Chardonnay grapes at early buckshot northwest. Strawberry harvest wrapped up, field renovation began. Vegetable growers continued to irrigate where available. Carrots benefited from recent rains, but reports of uneven growth. Celery planting continued, limited harvest. Cabbage, lettuce harvest continued. Success establishing late season cabbage transplants dependent on amount of irrigation available. Potatoes appeared at farmer's markets. Reports of leafhopper pressures that growers have been able to control. Tasseling sweet corn fields reported across State. Stewart's bacterial wilt, European corn borers continued to be reported fields across State. Watermelon, cantaloupe fruit sizing well southwest.

Cucumber, zucchini, yellow squash continued to grow. Southeast, two reports of downy mildew. Pumpkin, winter squash crops continued to grow. Tomato, pepper, and eggplant crops developing well. Onions, leeks, red beets, radishes continued to grow. West central area, reports of some onion, leek fields being pressured by thrips. Snap bean plantings continued on both irrigated, dryland fields. Spinach harvest began.

**MINNESOTA:** Days suitable for fieldwork 6.4. Topsoil moisture 10% very short, 34% short, 51% adequate, 5% surplus. Corn 54 in. height, 43 in. 2006, 31 in. avg. Soybeans 13 in. height, 11 in. 2006, 9 in. avg. Spring wheat 99% jointed, 98% 2006, 88% avg.; 4% ripening, 3% 2006, 1% avg. Oats 99% jointed, 98% 2006, 93% avg.; 14% ripening, 4% 2006, 2% avg. Barley 97% jointed, 97% 2006, 86% avg.; 8% ripening, 3% 2006, 1% avg. Alfalfa 1st cutting 97%, 99% 2006, 89% avg.; condition 6% very poor, 11% poor, 29% fair, 47% good, 7% excellent. Pasture feed 7% very poor, 12% poor, 33% fair, 41% good, 7% excellent. Sugarbeets 1% very poor, 5% poor, 34% fair, 40% good, 20% excellent. Potatoes 1% poor, 10% fair, 60% good, 29% excellent. Green peas 1% very poor, 7% poor, 16% fair, 62% good, 14% excellent. Dry beans 1% very poor, 7% poor, 33% fair, 47% good, 12% excellent. Canola 6% poor, 20% fair, 25% good, 49% excellent. Sunflowers 1% very poor, 5% poor, 23% fair, 45% good, 26% excellent. Topsoil moisture supplies declined this past week as very little precipitation was received across the state. The dry weather also brought declining crop conditions with exception of the northwest corner of the state where conditions improved. Small grains headed rapidly, about 7 days ahead of the average pace, alfalfa first cutting was mostly completed at 97 percent, more than 10 days ahead of the five-year average pace.

**MISSISSIPPI:** Days suitable for fieldwork 5.5. Soil moisture 52% very short, 33% short, 14% adequate, 1% surplus. Corn 98% silked, 97% 2006, 90% avg.; 59% dough, 66% 2006, 46% avg.; 20% denting, 4% 2006, 6% avg.; 13% very poor, 21% poor, 17% fair, 34% good, 15% excellent. Cotton 90% squaring, 86% 2006, 76% avg.; 16% setting bolls, 37% 2006, 23% avg.; 2% very poor 6% poor, 16% fair, 57% good, 19% excellent. Peanuts 31% pegging, 23% 2006, NA% avg.; 0% very poor, 0% poor, 28% fair, 52% good, 20% excellent. Rice 4% heading, 7% 2006, 6% avg.; 0% very poor, 0% poor, 10% fair, 75% good, 15% excellent. Sorghum 62% heading, 61% 2006, 46% avg.; 3% very poor, 7% poor, 8% fair, 74% good, 8% excellent. Soybeans 100% emerged, 100% 2006, 100% avg.; 85% blooming, 87% 2006, 68% avg.; 30% setting pods, 61% 2006, 38% avg.; 2% very poor, 4% poor, 17% fair, 57% good, 20% excellent. Wheat 100% harvested, 100% 2006, 98% avg. Hay 100% (Harvested cool), 100% 2006, 100% avg.; 33% (Harvested warm), 43% 2006, 43% avg.; 43% very poor, 18% poor, 16% fair, 21% good, 2% excellent. Sweetpotatoes 91% planted, 74% 2006, 80% avg.; 0% very poor, 0% poor, 13% fair, 67% good, 20% excellent. Watermelons 32% harvested, 55% 2006, 41% avg.; 0% very poor, 0% poor, 46% fair, 43% good, 11% excellent. Blueberries 0% very poor, 35% poor, 37% fair, 28% good, 0% excellent. Cattle 17% very poor, 20% poor, 30% fair, 26% good, 7% excellent. Pasture 38% very poor, 28% poor, 12% fair, 22% good, 0% excellent. A lack of precipitation continues to haunt producers throughout the state, and despite widely scattered, small thunderstorms received within the last week, the majority of non-irrigated crops, pastures remain in critical condition. Plant bugs have been problematic in a number of cotton fields, especially those located next to corn. Quality and quantity for warm season hay remains extremely low and cattle producers continue to struggle to find adequate grazing land.

**MISSOURI:** Days suitable for fieldwork 3.7. Topsoil moisture 3% very short, 15% short, 61% adequate, 21% surplus. Subsoil moisture 3% very short, 16% short, 73% adequate, 8% surplus. Alfalfa harvest, 2nd cutting 35%, 65% 2006, 56% avg. Other hay harvest 78%, 86% 2006, 81% avg. Hay supply 7% very short, 34% short, 57% adequate, 2% surplus. Stock water supply 1% very short, 5% short, 75% adequate, 19% surplus. Soaking rains fell nearly statewide, benefiting pollinating corn. Excessive rainfall, with reports of up to 17 inches, fell in west-central, southwestern areas, resulting in flooding, wheat harvest delays, road closures. Substantial acreage of wheat is lodged with spoilage in grain heads. Some northern areas, particularly the northwest corner, missed the rain, causing some shortage of topsoil moisture, but subsoil moisture remains adequate. Row crops remain in good condition. Temperatures were 1 to 3 degrees below average over most of the state, while south-central, south-eastern areas were normal to slightly above normal. Rainfall averaged 2.89 inches, ranging from 0.84 in the northwest to 7.54 in the west-central. Several counties in the west-central, southwest districts averaged 6 to 11 inches, with

reports as high as 17 inches. Isolated severe storms occurred along with the heavy rainfall. A tornado touched down in Polk County, causing some structural damage. Activities soybean herbicide spraying; 2st cutting alfalfa, other hay, fescue seed, winter wheat harvest; care of livestock.

**MONTANA:** Days suitable for fieldwork 6.5. Topsoil moisture 4% very short, 13% last year, 27% short, 38% last year, 58% adequate, 45% last year, 11% surplus, 4% last year. Subsoil moisture 4% very short, 15% last year, 25% short, 38% last year, 63% adequate, 45% last year, 8% surplus, 2% last year. Barley 94% boot stage, 87% last year, 64% headed, 51% last year. Barley condition 1% very poor, 2% last year, 10% poor, 5% last year, 19% fair, 27% last year, 51% good, 46% last year, 19% excellent, 20% last year. Oats 83% boot stage, 88% last year, 41% headed, 55% last year. Oats condition 0% very poor, 4% last year, 2% poor, 10% last year, 15% fair, 17% last year, 66% good, 58% last year, 17% excellent, 11% last year. Spring wheat 85% boot stage, 87% last year, 35% headed, 51% last year. Spring wheat condition 1% very poor, 2% last year, 5% poor, 6% last year, 21% fair, 32% last year, 58% good, 53% last year, 15% excellent, 7% last year. Winter wheat 99% headed, 96% last year, 36% turning, 47% last year. Winter wheat condition 1% very poor, 4% last year, 7% poor, 13% last year, 24% fair, 37% last year, 43% good, 36% last year, 25% excellent, 10% last year. Durum wheat 58% boot stage, 87% last year, and 19% headed, 21% last year. Durum wheat condition 1% very poor, 1% last year, 2% poor, 17% last year, 24% fair, 31% last year, 53% good, 46% last year, 20% excellent, 5% last year. Dry peas 83% blooming, 72% last year. Lentils 62% blooming, 65% last year. Alfalfa 1st cutting complete 57%, 65% last year. All other hay 1st cutting complete 55%, 50% last year. Some fields hit by recent hail storms in Choteau, Fergus, Valley, and Judith Basin counties are a loss. Hot weather, limited precipitation is affecting the conditions of winter wheat. Most of Montana experienced below normal precipitation for the week ending July 1. Only eight weather stations recorded above normal precipitation. Rudyard received the most moisture at 1.78 inches. Roundup, Hardin shared the high temperature of 102 degrees, Wisdom had the low temperature of 22 degrees. Range, pasture feed conditions 2% very poor, 5% last year, 5% poor, 13% last year, 21% fair, 35% last year, 46% good, 40% last year, 26% excellent, 7% last year. Sheep and lambs to summer ranges is 96%, 100% last year.

**NEBRASKA:** Days suitable for fieldwork 6.6. Topsoil moisture 10% very short, 25% short, 63% adequate, 2% surplus. Subsoil moisture 9% very short, 20% short, 70% adequate, 1% surplus. Corn conditions 0% very poor, 1% poor, 14% fair, 60% good, 25% excellent; 3% silked, 3% 2006, and 2% avg. Soybean conditions 0% very poor, 2% poor, 16% fair, 62% good, 20% excellent; 16% blooming, 20% 2006, 12% avg. Wheat conditions 2% very poor, 12% poor, 26% fair, 47% good, 13% excellent; 96% turning color, 99% 2006, 95% avg.; 48% ripe, 77% 2006, 49% avg.; 10% harvested, 45% 2006, 23% avg. Alfalfa conditions 2% very poor, 5% poor, 21% fair, 57% good, 15% excellent. 2nd cutting 25%, 58% 2006, 31% avg. Oat conditions 0% very poor, 3% poor, 21% fair, 67% good, 9% excellent; 95% headed, 97% 2006, 96% avg.; 3% harvested, 10% 2006, 6% avg. Sorghum conditions 1% very poor, 2% poor, 23% fair, 58% good, 16% excellent; 97% emerged, 99% 2006, 99% avg. Dry bean conditions 0% very poor, 2% poor, 21% fair, 73% good, 4% excellent; 96% emerged, 98% 2006, 93% avg. Proso millet 99% planted, 81% 2006, 88% avg. Wild hay conditions 2% very poor, 3% poor, 17% fair, 61% good, 17% excellent. Pasture, range conditions 5% very poor, 5% poor, 19% fair, 52% good, 19% excellent. Temperatures averaged 3 degrees below normal. The only district to see measurable precipitation was the southeast, which averaged just under an inch.

**NEVADA:** Days suitable for fieldwork 7.0. Moderate, dry weather continued. No precipitation was recorded across the State. Temperatures across the State were near or above normal. Few lightning strikes were reported, no new major fires had started. They were closing in on the two major fires in the State by weeks end. Agricultural Summary Irrigation season continued with adequate supplies of water. The third cutting of alfalfa hay continued, as did some late meadow hay cutting in the north. Alfalfa seed fields were in good condition with pollinating bees. Garlic harvest continued. Onion, potato fields were in good to excellent condition. Some livestock movement was continuing as forced by range fires. Range, pasture conditions were declining seasonally. Mormon cricket populations continued to seasonally decline. Main farm, ranch activities moving cattle, sheep, hay harvest, garlic harvest, irrigation, weed and pest control.

**NEW ENGLAND:** Days suitable for field work 6.7. Topsoil moisture

14% very short, 35% short, 51% adequate. Subsoil moisture 12% very short, 30% short, 58% adequate. Pasture condition 1% very poor, 9% poor, 23% fair, 57% good, 10% excellent. Maine potatoes 99% emerged, 95% 2006, 95% average; condition good/excellent. Rhode Island potatoes condition good/excellent. Massachusetts potatoes condition good. Maine oats condition good/excellent. Maine barley condition excellent. Field corn 100% planted, 95% 2006, 95% average.; 99% emerged, 85% 2006, 90% average.; condition good. Sweet corn 95% planted, 90% 2006, 95% average.; 90% emerged, 80% 2006, 85% average, condition good/excellent. Shade tobacco condition good. Broadleaf tobacco 100% transplanted, 99% 2006, 95% average, condition good/excellent in Connecticut and good in Massachusetts. Hay 1st crop 80% harvested, 50% 2006, 65% average, condition good/excellent in Rhode Island, good in Vermont and Maine, and good/fair elsewhere. Hay 2nd crop 10% harvested, 0% 2006, 5% average, condition poor in Maine, good/excellent in Massachusetts, New Hampshire and good/fair elsewhere. Apples fruit set average/above average.; Fruit size average.; condition good/fair in Connecticut, good/excellent in Maine, Rhode Island, good elsewhere. Peaches fruit set average.; Fruit size average.; condition good/fair in Connecticut, good elsewhere. Pears fruit set average.; Fruit size average.; condition good/fair in Connecticut, New Hampshire, good elsewhere. Strawberries 65% harvested, 50% 2006, 50% average.; Fruit set average/above average in Maine, Rhode Island, average elsewhere; Fruit size average/above average in Maine, average elsewhere; condition good/excellent. Massachusetts cranberries full bloom; fruit set average, condition good. Highbush blueberries fruit set average/above average.; fruit size average.; condition good. Maine wild blueberries fruit set average.; fruit size below average/average.; condition good. Hot, humid conditions dominated the region during the first half of the week, with some areas reporting their first official heat wave of the summer. Daytime high temperatures between Tuesday, Thursday ranged from the mid 80s to the upper 90s in all but northernmost parts of the region. Several areas reported receiving severe thunderstorms on Wednesday and Thursday, which downed tree limbs, power lines, and caused damage to fruit trees, recently planted vegetables. Cooler temperatures arrived on Friday, remained throughout the weekend, with daytime highs remaining below 80 degrees in most areas and overnight lows falling into the 40s and 50s. Scattered showers brought some rain to localized areas; however, most areas remained very dry throughout the week, forcing farmers to irrigate crops where possible. Major farm activities included cultivating, hand-hoeing weeds, nitrate testing, topdressing field corn, side dressing fields with fertilizer, planting, transplanting summer and fall vegetables, harvesting strawberries, early season vegetables, irrigating vegetable crops, cultivating early planted potatoes, chopping grass for dry hay, haylage, applying herbicides, pesticides where needed, monitoring fruit crops for pests and mowing orchard floors.

**NEW JERSEY:** Days suitable for field work 6.0. Topsoil moisture 20% short, 80% adequate. Irrigation water supply 100% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were above normal for the beginning of the week and fell to below normal by the end of the week in most areas of the Garden State. Soybeans continued to emerge in some localities. Harvest of barley, wheat was underway across the state. Producers continued spraying, fertilizing, planting soybeans, summer vegetables. Blueberry harvest neared completion. Cranberries were blooming. Apples were sizing across the state. There was a report that Colorado potato beetle was seen on eggplant in the northern district. Producers continued harvesting hay. There was a report of some cereal rust mite in timothy hay fields in the central district. Irrigation was necessary in some southern localities.

**NEW MEXICO:** Days suitable for field work 6.9. Topsoil moisture 11% very short, 29% short, 60% adequate. Wind damage 18% light, 11% moderate, 2% severe. Alfalfa 3% poor, 7% fair, 60% good, 30% excellent, 2nd cutting complete 91%, 3rd cutting complete 36%. Irrigated sorghum 10% fair, 89% good, 100% planted. Dry sorghum 25% fair, 75% good, 96% planted. Total sorghum 19% fair, 81% good, 98% planted. Irrigated winter wheat 10% fair, 85% good, 5% excellent, 79% harvested. Dry winter wheat 30% fair, 70% good, 55% harvested. Total winter wheat 22% fair, 76% good, 2% excellent, 65% harvested. Chile 5% very poor, 10% poor, 45% fair, 20% good, 20% excellent. Cotton 18% poor, 23% fair, 41% good, 18% excellent, 57% squaring, 6% setting bolls. Corn 2% poor, 4% fair, 55% good, 39% excellent, 10% silked. Onions 20% fair, 30% good, 50% excellent, 70% harvested. Apples 25% very poor, 13% poor, 50% fair, 12% good. Pecans 1% very poor, 27% fair, 34% good, 38% excellent. Peanuts

53% fair, 43% good, 4% excellent, 30% pegging. Cattle conditions 1% very poor, 4% poor, 13% fair, 62% good, 20% excellent. Sheep conditions 6% very poor, 9% poor, 10% fair, 59% good, 16% excellent. Range, pasture conditions 5% very poor, 11% poor, 25% fair, 50% good, 9% excellent. Farmers spent the week cutting, baling hay, irrigating, cultivating, planting, harvesting crops. Ranchers are hauling water, preparing to supplemental feed. The last week of June saw a warming trend with temperatures climbing slightly above normal by the 1st of July. Precipitation generally favored the higher terrain of the state near the central mountains with daytime thunderstorms being the predominant source.

**NEW YORK:** Days suitable for fieldwork 6.4. Soil moisture 8% very short, 43% short, 39% adequate. Pastures 9% very poor, 13% poor, 40% fair, 32% good, 6% excellent. Dry beans 94% planted, 67% 2006. Tomatoes 99% 88% 2006. Sweet corn 92%, 91% average. Snap beans 77%, 90% average. Cabbage 87%, 90% average. Winter wheat condition 11% poor, 32% fair, 42% good, 15% excellent. Oats 6% poor, 32% fair; 40% good, 19% excellent. Hay 11% poor, 27% fair, 52% good, 19% excellent. Apples 5% poor, 10% fair, 41% good, 44% excellent. Grapes 8% poor, 8% fair, 25% good, 59% excellent. Peaches 12% poor, 25% fair, 13% good, 50% excellent. Pears 6% poor; 25% fair, 33% good, 34% excellent. Sweet cherries 8% poor, 25% fair, 33% good, 34% excellent. Tart cherries 6% poor, 13% fair, 26% good, 55% excellent. In Finger Lakes fruit region, some vineyards reported heavy hail damage with significant crop lost. In Long Island fruit region, berries were sizing up quickly. Onion condition mostly fair to excellent. Sweet corn harvest expected to start this week. Temperatures started the week cool, reached the mid-90's Tuesday, Wednesday and then declined slightly at the end of the week. Precipitation was below normal for most of the state.

**NORTH CAROLINA:** Days suitable for field work 5.8. Soil moisture 23% very short, 35% short, 41% adequate, 1% surplus. Activities during the week included planting sorghum, soybeans, and sweetpotatoes, while small grains, peaches, and Irish potatoes continued to be harvested. Much needed rain dominated most of North Carolina this week. Temperatures were predominately above normal for most of the State, with highs ranging from 86 to 96 degrees.

**NORTH DAKOTA:** Days suitable for fieldwork 6.3. Topsoil moisture supplies 1% very short 16% short, 73% adequate, 10% surplus. Subsoil moisture supplies 1% very short, 10% short, 78% adequate, 11% surplus. Durum wheat 77% jointed, 85% 2006, 71% avg.; boot 55%, 61% 2006, 40% avg.; 26% headed, 31% 2006, 19% avg.; 2% milk, 5% 2006, 2% avg.; condition 9% fair, 76% good, 15% excellent. Spring wheat 97% jointed, 97% 2006, 89% avg.; 84% boot, 87% 2006, 68% avg.; 9% milk, 22% 2006, 11% avg.; 1% turning, 1% 2006. Oats 96% jointed, 95% 2006, 88% avg.; 83% boot, 81% 2006, 64% avg.; 16% milk, 24% 2006, 11% avg.; 3% turning, 5% 2006, 1% average. Barley 98% jointed, 98% 2006, 90% avg.; 89% boot, 89% 2006, 67% avg.; 15% milk, 20% 2006, 9% avg.; 1% turning, 3% 2006, 1% average. Canola 99% rosette, 98% 2006, 89% avg.; 72% blooming, 66% 2006, 53% avg.; condition 2% poor, 13% fair, 65% good, 20% excellent. Dry edible beans 98% emerged, 100% 2006, 99% avg.; 17% blooming, 19% 2006, 7% avg.; 1% setting pods, 3% 2006, 1% avg.; condition 2% very poor, 6% poor, 23% fair, 59% good, 10% excellent. Dry edible peas 89% flowering, 80% 2006, average not available; condition 8% fair, 79% good, 13% excellent. Flaxseed 29% blooming, 51% 2006, 27% avg.; condition 7% fair, 81% good, 12% excellent. Potatoes 40% blooming, 40% 2006, 19% avg.; 5% rows filled, 17% 2006, 7% avg.; condition 3% very poor, 6% poor, 17% fair, 59% good, 15% excellent. Sunflower 98% emerged, 100% 2006, 97% avg.; conditions 1% very poor, 2% poor, 11% fair, 70% good, 16% excellent. Broad leaf spraying was complete 94%, wild oat spraying 96% complete. Alfalfa 1st cutting complete 69%. Other hay cutting complete 34%. Sugarbeet conditions 1% very poor, 5% poor, 19% fair, 59% good, 16% excellent. Hay conditions 2% poor, 14% fair, 63% good, 21% excellent. Stockwater supplies 1% very short, 5% short, 82% adequate, 12% surplus. Pasture, range conditions 1% very poor, 2% poor, 14% fair, 65% good, 18% excellent. Mostly windy, dry conditions prevailed last week, as all crops made excellent development progress. Some humid conditions remained a concern for crops as a potential for leaf disease, insect problems. Weekend thunderstorms brought some hail, with some reports of damage in the northeastern district.

**OHIO:** Days suitable for field work 6.0. Topsoil moisture 33% very short, 42% short, 24% adequate, 1% surplus. Winter wheat 74% ripe, 24% 2006, 30% avg.; 11% harvested, 2% 2006, 6% avg.; condition 5% very poor, 18% poor, 43% fair, 31% good, 3% excellent. Soybeans

24% blooming, 13% 2006, 11% avg.; condition 6% very poor, 17% poor, 33% fair, 35% good, 9% excellent. Corn 1% silked (tasseled), NA% 2006, 1% avg.; condition 5% very poor, 14% poor, 31% fair, 38% good, 12% excellent. Oats 99% headed, 95% 2006, 88% avg.; 5% ripe, 6% 2006, 4% avg.; condition 2% very poor, 14% poor, 32% fair, 42% good, 10% excellent. Cucumbers 95% planted, 76% 2006, 81% avg. Strawberries 99% harvested, 89% 2006, 92% avg.; condition 5% very poor, 13% poor, 37% fair, 39% good, 6% excellent. Alfalfa hay 2nd cutting 39%, 25% 2006, 18% avg. Other hay 2nd cutting 25%, 10% 2006, 8% avg. Hay condition 15% very poor, 27% poor, 25% fair, 26% good, 7% excellent. Pasture condition 19% very poor, 28% poor, 25% fair, 24% good, 4% excellent. Last week was the eighth consecutive week with over five days favorable for field work. Field activities for this past week included cutting, baling hay, harvesting winter wheat, finishing up the harvest of strawberries, cucumber planting. Other field activities for the week included corn, soybean post emergent spraying, sidedressing corn, preparing equipment for the winter wheat harvest, cultivating corn, soybeans, mowing ditches, applying herbicides, insecticides, and scouting. Vegetable producers in the South Central district continue to harvest black raspberries, blueberries, summer red raspberries, sweet corn, summer squash. Most areas throughout the State still need more rain than was received last week to replenish topsoil moisture. Corn, late planted soybeans are showing stress from dry weather, high temperatures throughout the State. Downy mildew is reported in cucumbers in the North Central region, producers are applying fungicides to cucumbers, tomatoes, potatoes for disease prevention. West Central producers report Brown Spot disease and aphids in soybeans.

**OKLAHOMA:** Days suitable for fieldwork 0.9. Topsoil moisture 1% very short, 6% short, 28% adequate, 65% surplus. Subsoil moisture 6% short, 52% adequate, 42% surplus. Winter wheat plowed 8% this week, 6% last week, 67% last year, 51% average. Rye condition 13% very poor, 23% poor, 41% fair, 21% good, 2% excellent; harvested 52% this week, 44% last week, 99% last year, 73% average. Oats condition 6% very poor, 17% poor, 40% fair, 32% good, 5% excellent; soft dough 95% this week, 93% last week, 100% last year, 99% average.; harvested 34% this week, 34% last week, 89% last year, 85% average. Corn condition 1% very poor, 4% poor, 16% fair, 36% good, 43% excellent; silking 47% this week, 36% last week, 48% last year, 42% average.; dough 16% this week, 10% last week, 23% last year, 16% average. Sorghum emerged 58% this week, 53% last week, 76% last year, 78% average. Soybeans seedbed prepared 85% this week, 84% last week, 100% last year, 98% average.; planted 51% this week, 49% last week, 93% last year, 92% average.; emerged 42% this week, 37% last week, 83% last year, 84% average. Peanuts setting pods 43% this week, 35% last week, 56% last year, 51% average. Cotton 97% planted this week, 93% last week, 100% last year, 99% average.; 92% emerged this week, 91% last week, 96% last year, 98% average. Alfalfa condition 2% very poor, 8% poor, 29% fair, 46% good, 15% excellent; 2nd cutting 72% this week, 64% last week, 88% last year, 91% average. Other hay condition 1% very poor, 5% poor, 27% fair, 51% good, 16% excellent; 1st cutting 67% this week, 66% last week, 74% last year, 79% average. Watermelon setting fruit 91% this week, 85% last week, 86% last year, 80% average. Livestock condition 2% poor, 17% fair, 53% good, 28% excellent. Pasture, range condition 3% poor, 16% fair, 46% good, 35% excellent. Livestock, Pasture, range livestock conditions improved slightly from last week, were rated mostly in the excellent to good range. Of the feeder cattle under 800 pounds, steers averaged \$112 per cwt. and feeder heifers averaged \$103 per cwt. Livestock marketings were average last week. Pasture conditions also improved and were rated mostly in the excellent to good range. Pastures across most of the State were saturated and many earthen dams around ponds and creeks had failed.

**OREGON:** Days suitable for fieldwork 6.5. Topsoil moisture 26% very short, 42% short, 32% adequate. Subsoil moisture 21% very short, 43% short, 36% adequate. Range, pasture condition 3% very poor, 18% poor, 45% fair, 33% good, 1% excellent. Barley condition 2% poor, 47% fair, 49% good, 2% excellent. Corn condition 5% fair, 64% good, 31% excellent. Winter wheat condition 2% very poor, 12% poor, 42% fair, 42% good, 2% excellent. Spring wheat condition 4% very poor, 22% poor, 39% fair, 34% good, 1% excellent. Winter wheat harvested this week 5%, last week 3%, last year 1%, 5 year average 1%. Spring wheat headed this week 97%, last week 95%, last year 89%, 5 year average 89%. Alfalfa 2nd cutting this week 31%, last week 24%, last year 21%, 5 year average 4%. Weather The highest recorded temperature last week was 96 degrees in Rome, but a total eight stations recorded temperatures of 90 degrees, above. Coastal

areas remained cool with daytime highs in the 70's. Highs in the Willamette Valley were in the upper 80's, while southern Oregon temperatures reached the low 90's. Central Oregon highs were in the mid 80's to low 90's. Most stations in the east were near or over 90 degrees. There was no rain to trace amounts recorded in most central to eastern areas of the State. There was some precipitation recorded in the Willamette Valley. Detroit lake almost had one half inch. The Florence station recorded the most precipitation at 1.3 inches. Field Crops In western Oregon, haying was the major field work this past week. The second cutting of alfalfa began. Winter wheat was beginning to ripen but harvest will still be several weeks away. Crimson clover was getting combined, while red clover started to bloom. The meadowfoam crop has been swathed, growers were waiting for dryer conditions before combining. The main push for annual ryegrass swathing will begin this week. Field corn was growing well, sugarbeets were setting seed. The first cutting of mint began last week. In eastern Oregon, the first cutting of hay continued. Bluegrass seed harvest was underway. Banks grass mite was found in grass fields near Prineville, Culver, Terrebonne areas. Winter wheat continued to ripen, some producers were to harvest limited amount of acreage in Morrow County. Most growers were waiting until after the 4th of July to get going. Wheat harvest in Wasco County was still two to three weeks away. Fireworks were blamed for the 2,500 acre fire reported in Sherman County. Some winter wheat was destroyed, the fire jumped to Wasco County, mostly good summer pasture was burned. Vegetable growers were sending early season produce to the local markets. Concerns of mold developing on the snap bean crop due to early rains have not been reported so far. Sweet corn was showing normal growth for this time of year. Some varieties of summer squash started to produce. Fruits, nuts Many areas in the Willamette Valley were finished with their strawberry crops for the season. Raspberries, blackberries, blueberries, sweet cherries were ready, available through local venues. Tart cherry harvest is set to begin soon on a light crop. Hazelnuts, walnuts continued to size. Variable but mostly dry weather prevailed during the week in the Hood River Valley. Summer orchard activities continued. A few days with calm conditions provided opportunities for applying summer orchard cover sprays. Cherry harvest was ongoing in the lower, middle valley. Cherry harvest was in full swing in The Dalles area on Bings, Rainiers; Bings will continue to be picked until July 12th in Dufur. Some of the cherries in the Eight Mile area were frost damaged early this spring. Cherry quality has been good on most varieties this year. There were still some cherries, local strawberries being picked in southern Oregon. Apples, pears were doing well; lots of irrigating on fruit trees. Vineyards were looking quite good. Nurseries, Greenhouses kept busy with routine summer maintenance including feeding, watering, other stock care. Nurseries sprayed evergreens for pests. Items for sale now are mostly in containers. Some shrubs were dug, shipped; fields were replanted to cover crops. Livestock, range, pasture Livestock on irrigated pastures were doing well, but dry ground pastures Statewide were reported as dry to very dry. This was due to the combination of warm temperatures, wind. Many areas received some precipitation during the week, but it was not enough to make too much of a difference.

**PENNSYLVANIA:** Days suitable for fieldwork 5. Soil moisture 28% very short, 39% short, 32% adequate, 1% surplus. Corn 100% emerged, 100% 2006, 94% avg.; height 40 inches, 33 inches 2006, 31 inches avg.; crop conditions 3% very poor, 8% poor, 26% fair, 46% good, 17% excellent. Barley 98% turning yellow, 100% 2006, 98% avg.; 92% ripe, 94% 2006, 87% avg.; 72% harvested, 63% 2006, 62% avg. Winter wheat 96% turning, 99% 2006, 91% avg.; 51% ripe, 65% 2006, 41% avg.; crop conditions 2% poor, 25% fair, 55% good, 18% excellent. Oats 90% heading, 80% 2006, 77% avg.; crop conditions 2% very poor, 17% poor, 30% fair, 46% good, 5% excellent. Soybeans 89% emerged, 96% 2006, 87% avg.; crop condition 1% very poor, 10% poor, 26% fair, 47% good, 16% excellent. Alfalfa 2nd cutting complete 48%, 24% 2006, 29% avg.; crop condition 1% very poor, 9% poor, 30% fair, 47% good, 13% excellent. Timothy clover 1st cutting complete 92%, 75% 2006, 72% avg.; crop condition 2% very poor, 9% poor, 33% fair, 48% good, 8% excellent. Peach crop condition 1% fair, 50% good, 49% excellent. Apple crop condition 1% fair, 50% good, 49% excellent. Quality of hay made 1% very poor, 3% poor, 19% fair, 50% good, 27% excellent. Pasture conditions 28% very poor, 21% poor, 29% fair, 21% good, 1% excellent. Principal farm activities included spraying soybeans, baling straw, rotating pastures, repairing equipment, fixing fences, making hay, and harvesting barley.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.2. Soil moisture 13% very short, 40% short, 46% adequate, 1% surplus. Corn 3% very

poor, 16% poor, 35% fair, 41% good, 5% excellent; silked (tasseled) 86%, 89% 2006, 89% avg.; 28% doughed, 36% 2006, 37% avg. Soybeans 1% very poor, 5% poor, 36% fair, 56% good, 2% excellent; 98% planted, 97% 2006, 96% avg.; 90% emerged, 93% 2006, 90% avg.; 6% bloomed, 9% 2006, 7% avg. Sorghum 0% very poor, 2% poor, 50% fair, 48% good, 0% excellent; 99% planted, 98% 2006, 98% avg.; 48% headed, 52% 2006, 54% avg.; 11% turned color, 15% 2006, 15% avg. Winter wheat 13% very poor, 40% poor, 35% fair, 11% good, 1% excellent; 95% harvested, 97% 2006, 95% avg. Oats 8% very poor, 27% poor, 59% fair, 6% good, 0% excellent; 97% harvested, 93% 2006, 92% avg. Sweetpotatoes 0% very poor, 0% poor, 17% fair, 83% good, 0% excellent; 99% planted, 99% 2006, 98% avg. Tobacco 31% topped, 60% 2006, 54% avg. Tobacco 0% very poor, 6% poor, 33% fair, 54% good, 7% excellent. Hay 6% very poor, 23% poor, 40% fair, 30% good, 1% excellent. Peaches 83% very poor, 4% poor, 3% fair, 10% good, 0% excellent; 29% harvested, 35% 2006, 30% avg. Apples 30% very poor, 40% poor, 30% fair, 0% good, 0% excellent. Snapbeans, fresh 0% very poor, 0% poor, 60% fair, 40% good, 0% excellent; fresh harvested 74%, 89% 2006, 82% avg. Cucumbers, fresh 0% very poor, 17% poor, 50% fair, 33% good, 0% excellent; fresh harvested 96%, 98% 2006, 93% avg. Watermelons 0% very poor, 0% poor, 31% fair, 62% good, 7% excellent; harvested 42%, 32% 2006, 40% avg. Tomatoes, fresh 0% very poor, 0% poor, 41% fair, 59% good, 0% excellent; fresh harvested 67%, 62% 2006, 62% avg. Cantelopes 0% very poor, 0% poor, 38% fair, 62% good, 0% excellent; 57% harvested, 51% 2006, 53% avg. Livestock condition 2% very poor, 10% poor, 34% fair, 53% good, 1% excellent.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.5. Topsoil moisture 3% very short, 14% short, 74% adequate, 9% surplus. Subsoil moisture 5% very short, 11% short, 74% adequate, 10% surplus. Winter wheat turning color 85%, 89% 2006, 68% avg.; 11% ripe, 38% 2006, 11% avg. Barley boot 100%, 99% 2006, 96% avg.; 85% headed, 87% 2006, 76% avg.; turning color 11%, 15% 2006, 10% avg.; 0% ripe, 1% 2006, 0% avg.; 1% very poor, 4% poor, 14% fair, 70% good, 11% excellent. Oats boot 100%, 99% 2006, 97% avg.; turning color 21%, 27% 2006, 13% avg.; 1% ripe, 3% 2006, 1% avg. Spring wheat boot 100%, 100% 2006, 98% avg.; turning color 9%, 33% 2006, 13% avg.; 0% ripe, 3% 2006, 1% avg. Corn cultivated or sprayed once 99%, 100% 2006, 94% avg.; cultivated or sprayed twice 58%, 66% 2006, 44% avg.; corn height (inches) 38, 35 2006, 26 avg.; 2% tasseled, 3% 2006, 1% avg. Sorghum 98% emerged, 96% 2006, 58% avg. Soybeans 100% emerged, 100% 2006, 99% avg. Sunflower 1% very poor, 2% poor, 35% fair, 58% good, 4% excellent. Alfalfa hay 1st cutting harvested 88%, 89% 2006, 82% avg.; 2nd cutting harvested 9%, 17% 2006, 8% avg.; 2% very poor, 2% poor, 18% fair, 60% good, 18% excellent. Other hay harvested 53%, 57% 2006, 43% avg. Feed supplies 2% very short, 6% short, 85% adequate, 7% surplus. Stock water supplies 10% very short, 10% short, 71% adequate, 9% surplus. Cattle condition 9% fair, 66% good, 25% excellent. Sheep condition 7% fair, 65% good, 28% excellent. Dry weather for most of the state allowed farmers, ranchers to plant sunflowers, harvest hay. Spring small grains advanced quickly in their percent headed. The northwest, southwest corners of the state continue to accumulated precipitation deficits.

**TENNESSEE:** Days suitable for fieldwork 6. Topsoil moisture 39% very short, 40% short, 21% adequate. Subsoil moisture 52% very short, 36% short, 12% adequate. Tobacco 98% transplanted, 95% 2006, 97% avg.; 6% very poor, 16% poor, 44% fair, 33% good, 1% excellent. Hay 33% very poor, 35% poor, 29% fair, 3% good. Pastures 40% very poor, 32% poor, 25% fair, 3% good. Last week's weather brought some much needed moisture to crops, pastures in many areas of the State. Farmers are still in need of more rain, however, for pastures, hay fields, crops to recover, develop normally. Wheat harvest was close to completion at week's end. Reported yields are better than earlier expected, yet will still be below average this year. The lack of adequate water, hay supplies continue to be major concerns for livestock producers. Some producers have chosen to cull or liquidate their herds, due to the lack of available grazing and hay. Many stockyards have reported a significant increase in number of cattle marketed. Temperatures averaged 2 to 4 degrees above normal last week, while rainfall was above normal for western and middle sections of the State but below normal in the east.

**TEXAS:** Agricultural Summary Statewide corn condition was mostly good to excellent statewide. Cotton condition was mostly fair to good statewide. Peanut condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly good to excellent statewide. Soybean condition was mostly

good to excellent statewide. Wheat condition was mostly good to excellent statewide. Range, pasture condition was mostly good to excellent statewide. Soil moisture was mostly adequate across the state with some areas reporting a surplus. Weather conditions across the state continued to receive moderate to heavy amounts of moisture with heavy flooding in some areas. Wet soils have continued to cause harvesting problems. Range conditions remained in good condition. Haying, baling were halted in most areas due to the continued rainfall. Mosquitoes were starting to become a problem in some areas as moist weather continued. Heavy rains slowed or halted wheat harvest in most areas of the state. Cotton development was made progress, but needed more hot dry weather to continue. Corn production continued to improve with rainy weather conditions. Sorghum was reported to be looking extremely good, but harvest continued to be delayed because of the continued rainfall. Livestock remained in good condition across the state.

**UTAH:** Days suitable for field work 7. Subsoil moisture 13% very short, 45% short, 42% adequate, 0% surplus. Irrigation water supplies 10% very short, 43% short, 47% adequate, 0% surplus. Winter wheat 2% harvested, 3% 2006, 2% avg.; condition 0% very poor, 2% poor, 40% fair, 48% good, 10% excellent. Spring wheat 93% headed, 77% 2006, 76% avg.; 2% very poor, 7% poor, 49% fair, 37% good, 5% excellent. Barley 93% headed, 86% 2006, 82% avg.; condition 0% very poor, 2% poor, 31% fair, 54% good, 13% excellent. Oats 65% headed, 58% 2006, 55% avg.; harvested (grain) 20%, 39% 2006. Corn 2% silked (tasseled), condition 0% very poor, 0% poor, 25% fair, 61% good, 14% excellent; height 27 inches, 25 inches 2006, 21 inches avg. Alfalfa height 30%, 22% 2006, 23% avg.; 1st cutting 98%, 96% 2006, 94% avg.; 2nd cutting 18%, 22% 2006, 11% avg. Other hay cut 73%, 57% 2006, 59% avg. Cattle, calves moved to summer range 94%, 99% 2006, 96% avg. Cattle, calves condition 0% very poor, 2% poor, 23% fair, 67% good, 8% excellent. Sheep, lambs moved to summer range 94%, 97% 2006, 94% avg.; condition 0% very poor, 0% poor, 16% fair, 77% good, 7% excellent. Stock water supplies 6% very short, 32% short, 62% adequate, 0% surplus. Apricots 54% harvested, 14% 2006, 26% avg. Sweet cherries 30% harvested, 44% 2006, 47% avg. Tart cherries 17% harvested, 13% 2006, 15% avg. Crops continue to progress around the state. Weather conditions around the state continue to be hot, dry with no rainfall insight. Livestock continue to do well. A fast-moving wildfire in northeast Utah has burned more than 47 square miles, but some progress had been made with more firefighters on hand, calmer winds, a fire official said Monday. There have been no reports of crop loss due to the fires. Across the state spring wheat was 93 percent headed compared to 72 percent the previous week. Barley was 93 percent headed compared to 85 percent headed the previous week. Cache County reports that crops are doing well where adequate irrigation water is available. Hay prices are higher this season than last due to the increase of potential buyers looking for feed. The hay quality has been excellent this season with the 2nd cutting of alfalfa hay about to begin. In some areas there have been reports of frost damage. Box Elder reports that winter wheat harvest will begin soon. Corn within the county looks good, is growing rapidly, but keeping the corn watered continues to be a challenge. The fruit harvest is underway with sweet cherries, apricots being picked. In some areas around Box Elder, stream flows are very low resulting in little or no water for irrigated pastureland. Rangelands continue to be dry, getting worse. There have also been several reports of crickets in various areas including the Clear Creek area in which they decimated some hay crops that were poor to begin with. Weber County reports that 2nd cutting of alfalfa hay is well underway, while the cherry harvest is completed. Beaver, Iron and Summit counties report that the dry, hot weather continues to stress the crops and are drying up pasture and rangeland. Box Elder County reports that cattle and sheep producers have moved their livestock to summer pastures but are concerned about the hot, dry weather. Cache County reports that cattle will need to be moved off of summer ranges much earlier this year than normal due to very dry and deteriorating pastures.

**VIRGINIA:** Days suitable for work 6.2. Topsoil moisture was generally short. Scattered showers across the state brought temporary relief to some fields this week, while other fields continued to endure hot, dry conditions. Thunderstorms, showers have delayed hay baling in some areas. Producers are nearly finished with small grains harvest, are baling wheat straw. Soybean planting continues in most regions despite weather conditions. Cattle producers have already started feeding hay due to pasture conditions. Irrigation of tobacco has begun, flu-cured producers have starting topping. The recent rains brought welcome moisture to many fields as the corn crop began to silk and

tassel. Peanuts are beginning to peg, appear to be growing well. Cotton continues to square. Vegetable producers have finished setting out pumpkins, continue to set out winter squash, other fall maturing crops. The tomato, potato harvests are expected to begin next week. Other activities this week included weed, brush spraying, equipment repair, and fence work, vegetable harvest, and irrigation.

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**WASHINGTON:** Days suitable for fieldwork were 6.6. Soil moisture 10% very short, 27% short, 58% adequate, 5% surplus. Grain crops coming along with Franklin County reporting that dryland winter wheat not looking as good as was originally expected. Adams County reported that grain harvest is expected to begin soon. Franklin County reported that nearly all of the second cutting of alfalfa was done, in the last stages of windrow or bale. Bluegrass harvest was underway, potatoes looked good, doing well with the cooler temperatures. Christmas tree growers were making stakes in preparation for top work slated to begin later this month. Cool mornings, no rain were conducive for cherry harvest in Yakima County. The harvest was short, but quality was superb, apricot harvest continued. Snohomish, Whatcom Counties reported some damage to apples, blueberries due to a fast-moving hailstorm. The sweet corn crop continues to look chlorotic in some areas due to the cool temperatures. Range, pasture conditions 1% very poor, 7% poor, 21% fair and 71% good. On the east side, cattle seemed to have adequate to good range conditions thus far. On the west side, due to the cool, wet spring conditions; livestock owners expressed frustration that forage grasses were already over-mature and losing nutritional quality.

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**WEST VIRGINIA:** Days suitable for field work 5. Topsoil moisture 32% very short, 45% short, 23% adequate compared with 3% short, 86% adequate, 11% surplus last year. Corn conditions 6% poor, 19% fair, 73% good, 2% excellent; 5% silked, 2006 and 5-yr avg. not available. Soybean conditions 4% poor, 31% fair, 65% good, 96% emerged, 90% 2006, 5-yr avg. not available, 3% blooming, 2006 and 5-yr avg. not available. Winter Wheat conditions 25% fair, 57% good, 18% excellent; 24% harvested, 6% 2006, 34% 5-yr avg. Oat conditions 27% fair, 71% good, 2% excellent; 80% headed, 71% 2006, 71% 5-yr avg. Hay 4% very poor, 27% poor, 46% fair, 22% good, 1% excellent; 1st cutting complete 85%, 84% 2006, 81% 5-yr avg. Apple conditions 2% very poor, 2% poor, 44% fair, 44% good, 8% excellent. Peach conditions 15% poor, 43% fair, 35% good, 7% excellent. Cattle, calves 1% very poor, 4% poor, 28% fair, 65% good, 2% excellent. Sheep, lambs 1% poor, 14% fair, 84% good, 1% excellent. Farming activities included harvesting cherries, barley, and early season vegetables, transporting water for livestock, equipment maintenance, making hay. Pasture conditions continue to be a major concern as drought like

conditions persisted throughout most of the state causing some producers to begin feeding hay.

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**WISCONSIN:** Days suitable for fieldwork 6.7. Topsoil moisture 19% very short, 48% short, 33% adequate, 0% surplus. Oats 91% headed. Average height of corn at record 46 inches.; condition 2% very poor, 5% poor, 17% fair, 57% good, 19% excellent. Soybeans 11% bloomed, condition 2% very poor, 5% poor, 21% fair, 53% good, 19% excellent. Hay 1st cutting complete 98%.; 2nd cutting hay complete 28%. Winter wheat condition 2% very poor, 4% poor, 16% fair, 52% good, 26% excellent. Pasture conditions 4% very poor, 20% poor, 36% fair, 34% good, 6% excellent. Oats condition 1% very poor, 7% poor, 19% fair, 62% good, 11% excellent. Temperatures were normal to 1 degree below normal. Average high temperatures were in the high 70s to low 80s. Average low temperatures were in the mid 50s to low 60s. Another week of very little not no rain throughout the state left producers hoping for moisture to relieve stress on crops in the driest areas. Rainfall totals ranged from 0 in. in Madison, La Crosse, and Green Bay to 0.05 in. in Eau Claire and Milwaukee.

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**WYOMING:** Days suitable for fieldwork 7.0. Topsoil moisture 9% very short, 51% short, 39% adequate, 1% surplus. Irrigation water supplies 10% very short, 29% short, 61% adequate. Winter wheat 71% turning color, 70% 2006, 64% avg.; 17% mature, 18% 2006, 15% avg.; condition 6% poor, 60% fair, 33% good, 1% excellent. Barley 93% jointed, 97% 2006, 95% avg.; 71% boot, 78% 2006, 80% avg.; 57% headed, 53% 2006, 58% avg.; 13% turning color, 18% 2006, 9% avg.; condition 35% fair, 62% good, 3% excellent. Oats 87% jointed, 95% 2006, 87% avg.; 64% boot, 69% 2006, 64% avg.; 45% headed, 37% 2006, 36% avg.; 13% turning color, 7% 2006, 6% avg.; condition 1% poor, 32% fair, 58% good, 9% excellent. Sugarbeets condition 35% fair, 65% good. Spring wheat 94% jointed, 96% 2006, 95% avg.; 58% boot, 83% 2006, 77% avg.; 42% headed, 50% 2006, 50% avg.; 8% turning color, 9% 2006, 10% avg.; condition 46% fair, 45% good, 9% excellent. Corn 18 inches avg. height, 29 inches 2006, 18 inches avg.; condition 4% poor, 28% fair, 68% good. Dry beans 95% emerged, 97% 2006, 96% avg.; 16% bloom, 10% 2006, 5% avg.; condition 46% fair, 54% good. Alfalfa hay 1st cutting 64%, 77% 2006, 57% avg.; Other hay 1st cutting 20%, 18% 2006, 17% avg. Cattle condition 1% poor, 15% fair, 83% good, 1% excellent. Calves condition 1% poor, 7% fair, 88% good, 4% excellent. Sheep condition 1% poor, 11% fair, 88% good. Lamb condition 1% poor, 4% fair, 90% good, 5% excellent. Range, pasture conditions 2% very poor, 12% poor, 42% fair, 36% good, 8% excellent.

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