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# Weekly Weather and Crop Bulletin State Stories

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**ALABAMA:** Days suitable for fieldwork 6.6. Topsoil moisture 10% very short, 41% short, 49% adequate, 0% surplus. Corn condition 5% very poor, 15% poor, 25% fair, 50% good, 5% excellent; 61% silked, 46% 2007, 51% avg.; 9% dough stage, 5% 2007, 11% avg.; 1% dented, 2% 2007, 3% avg. Soybean condition 0% very poor, 4% poor, 27% fair, 67% good, 2% excellent; 81% planted, 90% 2007, 81% avg.; 71% emerged, 74% 2007, 70% avg.; 6% blooming, 5% 2007, 5% avg. Hay harvested, first cutting 94%. Livestock condition 0% very poor, 7% poor, 26% fair, 54% good, 13% excellent. Pasture and range condition 4% very poor, 9% poor, 32% fair, 49% good, 6% excellent. Producers saw a dry week across most of the state during the past week as rain showers were scattered. Average temperatures varied from five degrees below to three degrees above normal during the past week. Producers were virtually finished harvesting wheat and other small grain crops. Some wheat fields suffered significant disease and insect damage from rust and the Hessian fly. Several areas of the state were still extremely dry, leaving some crop stands showing signs of drought stress. Pasture conditions varied greatly depending on location, and how much rainfall was received during the past couple of weeks.

**ALASKA:** Days suitable for fieldwork 6.0. Topsoil moisture supplies were reported as 15% short, 80% adequate, 5% surplus. Subsoil moisture supplies were listed as 15% short, 85% adequate. Barley and oats were reported as 100% pre-boot. Condition of the barley crop was 40% fair, 60% good. Condition of the oat crop was 30% fair, 70% good. Potatoes were reported as 99% planted, 10% emerged. Crop growth was rated 5% slow, 70% moderate, 25% rapid. Hay harvest was underway with 5% of the crop reported as harvested. Hay condition was rated as 10% poor, 35% fair, 50% good, 5% excellent. Wind or rain damage to crops was reported as 95% none, 5% light. The main farm activities for the week were irrigation, weed control, harvesting hay, general maintenance.

**ARIZONA:** Temperatures were above normal across the State for the week ending June 22, ranging from 4 degrees above normal to 11 degrees above normal. Precipitation was reported at only 1 of the 22 reporting stations. There is only one reporting station with above normal precipitation for the year to date. Cotton squaring is 55 percent complete, 3 percentage points above the five year average. Cotton condition in the State is mostly fair to excellent. Small grain harvest is at least 45 percent complete. Alfalfa harvest remains active on three-quarters of the State's acreage. Range and pasture conditions across the State are very poor to good, depending on location and elevation.

**ARKANSAS:** Days suitable for fieldwork 6.0. Topsoil moisture 8% very short, 26% short, 57% adequate, 9% surplus. Subsoil moisture 5% very short, 21% short, 65% adequate, 9% surplus. Corn 39% silked, 68% 2007, 69% avg.; condition 2% poor, 22% fair, 53% good, 23% excellent. Rice 100% emerged, 100% 2007, 100% avg. Dry conditions allowed winter wheat producers to harvest 27% of their crop last week. Winter wheat harvested was above the 5-year average for the first time this season. Due to the dry conditions last week, farmers irrigated their row crops to help crop development. Irrigation allowed corn to be in mostly good to excellent condition and the other spring row crops to be in mostly fair to good condition. Corn silked was significantly behind last year and the 5-year average. Cotton squaring made a considerable increase of 30% last week. Sorghum headed was 6% behind last year and 9% behind the 5-year average. Soybean plantings increased 6% but were 3 weeks behind last year and 2 weeks behind the 5-year average. Soybean emergence increased 8% but was 2 weeks behind 2007 and the 5-year average. Soybeans blooming was 9% behind last year and 5% behind the 5-year average. Producers applied fertilizer to corn, rice, and soybeans and pesticides to corn, cotton, rice, and soybeans. Farmers continued to harvest

vegetables. Livestock were in mostly fair to good condition. Pasture and range and hay crops were reported in mostly fair to good condition. Hay continued to be harvested by producers.

**CALIFORNIA:** In the Imperial Valley, Durum wheat harvest continued with good yields; winter wheat harvest was underway. Wheat harvest in the San Joaquin Valley was nearly half completed. More wheat will be harvested for grain this year than last year. Some Lygus material showed up with the increase in heat. Field corn started to tassel. In the Mid-Central Valley, alfalfa growers continued to cut, windrow, rake, and bale. Corn for silage planting and weed spraying was winding down. Barley, oats, winter forage harvest continued in the Central Valley. Dry lima bean, blackeye bean planting continued. Spring sugar beet harvest continued while fall sugar beets were being irrigated, treated with insecticides. Cotton, growing quite well, was being cultivated, side-dressed with pesticides. Rice fields were being treated to control weeds. Safflower fields remained in various stages of growth. Grapes continued to form bunches. Some vineyards were being pruned. Irrigation was being managed closely given the water shortage. Tulare County growers expected to begin grape harvest in mid-July. Stone fruit harvest was still in full swing. In Fresno County, Patterson, Poppy apricots; Golden Sweet, Honey Gold apricots; Brittany Lane, Bright Princess, Country Sweet, Earlich, Fancy Lady, Flavor Crest, Galaxy, June Flame, Rich Lady, Sierra Gem, Sierra Snow, Vista peaches; Black Beaut, Black Ice, Black Splendor, Striped Beauty, Sugar Drop, Yummy Beaut plums; Flavorosa, Honey Red Dino, Sugar Rosa, Spring Flavor pluots; Arctic Star, Arctic Snow, Diamond Bright, Diamond Fire, Diamond Pearl, Flying Saucer, Honey Blaze, Honey Fire, June Pearl, Polar Ice, Red Jewel, Red Roy, Ruby Sweet, Snow Flare, Spring Bright nectarines were being harvested. Pomegranate, persimmon bloom was winding down. Spring blackberry, blueberry, boysenberry, raspberry, strawberry harvests continued. Harvest for some berry varieties was slowing down. Navel orange harvest was slowing. Valencia orange harvest continued; more fruit was being picked for the domestic market. Lemons, grapefruit were also harvested. Citrus growers were working to control diseases, insects, weeds. Groves were irrigated, foliar nutrients were being applied. New citrus fruit sizing, development were fair. Olive trees continued to form fruit. Irrigation, insect, disease, weed control continued in nut groves. Almonds, walnuts, pistachios were developing normally. Branches were bending under the heavy walnut crop. Some almond growers were expecting yields larger than the previous season. Growers in the Imperial Valley had nearly completed the melon harvest. Several fields of fresh market onions were being disked under because the market price will not cover harvest costs. All the processing tomatoes had been planted, were growing well. In the south Central Valley, bell peppers, peas, sweet corn, onions (red, white, yellow), beans (green, fava, long), cucumbers, summer squash, broccoli were being picked. In southern, central San Joaquin Valley, early planted fields of cucumbers, summer squash were being harvested. Sweet corn was progressing normally for a mid June harvest. Garlic was being dried for harvest. Farmers market oriental crops continued to be harvested. In northern San Joaquin Valley areas early planted processing, fresh market tomatoes continued to grow well. Planting continued for bell peppers, fresh market tomatoes, freezer beans, cantaloupe, watermelon, honeydew melons. Planting of processed tomatoes was nearly complete. Lettuce and carrot harvests continued. Harvests of fresh market onion, summer squash continued with good quality reported in areas farther north into Sacramento valley. Other crops being harvested were dehydrated onions, carrots, sweet corn, artichokes. Radicchio packing was complete. Heat increased the presence of insects, army worms with insecticide

application ongoing in many fields. Fire hazards were severe again this week, due to extremely dry pasture and range conditions. Several foothill areas were already blackened by fire. Movement of cattle off of grasslands continued, and some cattle were moved to out-of-State locations with better grazing conditions. Supplemental feeding of hay, other nutrients stepped up as conditions continued to decline. Milk production dropped off due to the increase in temperatures. Sheep were grazing on idle farmland, dryland grain fields, older alfalfa fields, rangeland. Honeybees remained active in melon, squash, sunflower, cucumber fields. Hives were placed in holding areas awaiting safflower, vineseed bloom. Leafcutter bees were prepared for placement in seed alfalfa fields.

**COLORADO:** Days suitable for fieldwork 6.6. Topsoil moisture 19% very short, 38% short, 41% adequate, 2% surplus. Subsoil moisture 25% very short, 39% short, 35% adequate, 1% surplus. Spring barley 34% headed, 38% 2007, 52% avg.; 1% turning color, 3% 2007, 3% avg.; condition 2% very poor, 7% poor, 31% fair, 37% good, 23% excellent. Dry onions condition 4% poor, 32% fair, 50% good, 14% excellent. Sugarbeets condition 2% very poor, 6% poor, 20% fair, 53% good 19% excellent. Summer potatoes 80% emerged, 90% 2007, 90% avg.; condition 5% poor, 30% fair, 60% good, 5% excellent. Fall potatoes 65% emerged, 84% 2007, 83% avg.; condition 7% poor, 28% fair, 44% good, 21% excellent. Dry Beans 67% planted, 94% 2007, 94% avg.; 40% emerged, 55% 2007, 66% avg.; condition 3% very poor, 3% poor, 22% fair, 72% good. Spring wheat 21% headed, 33% 2007, 45% avg.; 2% turning color, 2% 2007, 4% avg.; condition 1% very poor, 11% poor, 27% fair, 35% good, 26% excellent. Winter wheat 22% ripe, 27% 2007, 26% avg. Sorghum 78% 30% emerged, 63% 2007, 67% avg. Alfalfa 79% 1st cutting, 80% 2007, 75% avg.; 2% 2nd cutting, 4% 2007, 2% avg.; condition 1% very poor, 8% poor, 29% fair, 46% good, 16% excellent. The state of Colorado experienced below average amounts of moisture. Temperatures across the state were above average last week. The warmer conditions are helping crops catch up to the 5 year averages.

**DELAWARE:** Days suitable for fieldwork 6.3. Topsoil moisture 3% very short, 33% short, 62% adequate, 2% surplus. Subsoil moisture 1% very short, 30% short, 68% adequate, 1% surplus. Hay supplies 0% very short, 12% short, 83% adequate, 5% surplus. Other Hay 1st cutting 92%, 99% 2007, 89% avg. Other Hay 2nd cutting 14%, 20% 2007, 18% avg. Alfalfa Hay 1st cutting 100%, 100% 2007, 89% avg. Alfalfa Hay 2nd cutting 23%, 43% 2007, 26% avg. Pasture condition 1% very poor, 2% poor, 35% fair, 60% good, 2% excellent. Corn condition 1% very poor, 7% poor, 42% fair, 40% good, 10% excellent. Soybean condition 0% very poor, 6% poor, 59% fair, 29% good, 6% excellent. Winter wheat condition 0% very poor, 3% poor, 9% fair, 67% good, 21% excellent. Barley condition 0% very poor, 4% poor, 12% fair, 62% good, 22% excellent. Apple condition 0% very poor, 1% poor, 12% fair, 74% good, 13% excellent. Peach condition 0% very poor, 1% poor, 9% fair, 65% good, 25% excellent. Corn progress planted 100%, 100% 2007, 79% avg. Corn emerged 95%, 100% 2007, 99% avg. Corn silked 0%, 0% 2007, 0% avg. Soybeans planted 68%, 77% 2007, 70% avg. Soybeans emerged 44%, 59% 2007, 59% avg. Soybeans blooming 0%, 0% 2007, 0% avg. Barley headed 100%, 98% 2007, 99% avg. Barley turned 98%, 100% 2007, 99% avg. Barley harvested 72%, 78% 2007, 57% avg. Winter wheat headed 100%, 96% 2007, 99% avg. Winter wheat turned 89%, 98% 2007, 85% avg. Winter wheat harvested 10%, 16% 2007, 11% avg. Cucumbers planted 65%, 72% 2007, 62% avg. Cucumbers harvested 1%, 1% 2007, 0% avg. Green Peas harvested 62%, 82% 2007, 69% avg. Lima Beans planted 49%, 64% 2007, 51% avg. Snap beans planted 80%, 87% 2007, 90% avg. Snap beans harvested 1%, 1% 2007, 1% avg. Sweet Corn planted 81%, 90% 2007, 82% avg. Tomatoes planted 92%, 97% 2007, 89% avg. Strawberries harvested 96%, 99% 2007, 94% avg. Most farmers made progress with plantings and harvesting with the limited rainfall. Farmers continue to deal with high fuel, chemical, seed, and fertilizer prices as field work progressed.

**FLORIDA:** Topsoil moisture 25% very short, 28% short, 43% adequate, 4% surplus. Subsoil moisture 40% very short, 15% short, 44% adequate, 1% surplus. Peanuts 25% pegged, 14% 2007, 30% 5-yr avg. Wheat harvest completed, Santa Rosa County. Topsoil moisture mostly short, Panhandle; short to adequate, other areas in State. Subsoil moisture adequate, all regions. Summer vegetable harvest continued in Florida City. Other areas, field activity ending. Plant City, few fields of tomatoes left to be harvested. Suwannee, Jefferson counties, watermelon harvested. Suwannee County zucchini, squash, eggplant, okra, peppers harvested. Tropical weather beneficial to citrus fruit growth, tree foliage. Oranges large as golf ball size, grapefruit

about two to three times as large. Production practices included herbiciding, spraying, mowing, brush removal. Growers combined efforts to put out aerial applications for Psyllids control. Valencia harvest continued over four million boxes due to lessening availability. Some processing plants to run Valencia oranges into second week of July. Grapefruit utilization almost over with small amounts of red varieties continuing to be processed. Honey tangerine harvest relatively over for season. Pasture feed 20% very poor, 20% poor, 30% fair, 30% good. Cattle Condition 20% very poor, 9% poor, 30% fair, 40% good, 1% excellent. Rainfall some areas helped pasture conditions remain stable throughout State. Panhandle, northern pasture poor to good, most fair condition; cattle mostly fair, some good to excellent condition. Central pasture very poor to good; cattle condition very poor to fair. Southwestern range poor to good; cattle mostly fair to good condition.

**GEORGIA:** Days suitable for fieldwork 6.3. Topsoil moisture 30% very short, 45% short, 24% adequate, 1% surplus. Corn 6% very poor, 17% poor, 32% fair, 35% good, 10% excellent. Soybeans 4% very poor, 20% poor, 41% fair, 34% good, 1% excellent. Sorghum 3% very poor, 14% poor, 51% fair, 32% good, 0% excellent. Apples 0% very poor, 0% poor, 12% fair, 27% good, 61% excellent. Hay 11% very poor, 29% poor, 34% fair, 24% good, 2% excellent. Peaches 0% very poor, 5% poor, 33% fair, 62% good, 0% excellent. Pecans 0% very poor, 6% poor, 46% fair, 43% good, 5% excellent. Tobacco 0% very poor, 8% poor, 26% fair, 55% good, 11% excellent. Watermelons 0% very poor, 4% poor, 38% fair, 54% good, 4% excellent. Corn silked 73%, 76% 2007, 74% avg.; 23% dough, 25% 2007, 28% avg.; 0% dent, 1% 2007, 3% avg. Soybeans 87% planted, 77% 2007, 87% avg.; 76% emerged, 61% 2007, 76% avg.; 2% blooming, 1% 2007, 5% avg. Sorghum 76%, planted 78% 2007, 81% avg. Winter wheat 91% harvested, 96% 2007, 88% avg. Peaches 35% harvested, 38% 2007, 36% avg. Peanuts 42% blooming, 23% 2007, 45% avg. Watermelons 25% harvested, 25% 2007, 24% avg. Due to dry conditions, corn producers have been unable to keep up with irrigation requirements. For some farmers, dry land soybean planting has come to a halt. Crop, pasture and hayfield conditions have declined due to a lack of soil moisture. The watermelon and cantaloupe harvest was in full swing. Other activities included spraying peanuts and tobacco for insects. County Extension Agents reported an average of 6.3 days suitable for fieldwork.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture was adequate with some windward areas receiving a boost from daily showers. Banana orchards were in fair to good condition. Soil moisture was raised in windward areas by light showers. Roguing of trees infected with the Banana Bunchy Top virus continued. Papaya trees were in fair to good condition. Light showers, warm temperatures, and long daylight hours were beneficial for the crop. Regular spraying was controlling insect infestations. Head cabbage plantings were in mostly fair to good condition. Increased insect pressure was noticed. Sweet corn fields were in good condition. However, water restrictions have affected crop development and planting schedules in the windward area of Oahu. Coffee fields benefited from light showers. Sugarcane fields on Kauai were in good condition. Building trade winds resulted in a mixture of sunshine and showers for the State. Shower activity increased over the weekend as moisture embedded in the trade wind flow brought daily showers to some windward areas.

**IDAHO:** Days suitable for field work 6.7. Topsoil moisture 2% very short, 21% short, 75% adequate, 2% surplus. Field corn 95% emerged, 100% 2007, 100% avg. Winter wheat jointed 96%, 100% 2007, 100% avg.; boot stage 79%, 99% 2007, 95% avg. Spring wheat jointed 68%, 92% 2007, 84% avg.; wheat boot stage 31%, 57% 2007, 55% avg. Barley jointed 62%, 84% 2007, 80% avg.; boot stage 30%, 52% 2007, 51% avg. Potatoes 88% emerged, 96% 2007, 92% avg. Potatoes 12 inches high, 37% 2007, 31% avg. Oats 97% emerged, 100% 2007, 98% avg. Dry beans 15% planted 95%, 100% 2007, 100% avg.; 69% emerged, 91% 2007, 89% avg. Alfalfa hay 1st cutting harvested 65%, 79% 2007, 74% avg. Irrigation water supply 0% very poor, 1% poor, 8% fair, 76% good, 15% excellent. Potato condition 0% very poor, 1% poor, 14% fair, 80% good, 5% excellent. Emergence of oats and field corn are essentially complete. Fruit development is behind normal because of the cool spring. Power County reported they received warm growing weather and herbicides were being applied. In Oneida County, quite a few grasshoppers are being reported. Cassia County reported hot days really helped crop progress. No livestock problems have been reported. Statewide, alfalfa hay is at 65% harvested for its first cutting.

**ILLINOIS:** Days suitable for fieldwork 5.7. Topsoil moisture 6%

short, 76% adequate, 18% surplus. Oats 81% headed, 93% 2007, 87% avg.; 1% poor, 23% fair, 65% good, 11% excellent. Alfalfa hay first cutting 91%, 99% 2007, 98% avg.; 2% poor, 20% fair, 59% good, 19% excellent. Red Clover cut 73%, 90% 2007, 92% avg.; 1% very poor, 2% poor, 17% fair, 70% good, 10% excellent. Corn height 22 inches, 49 inches 2007, 40 inches avg.; 3% very poor, 9% poor, 32% fair, 45% good, 11% excellent. Soybeans 75% emerged, 97% 2007, 95% avg.; 2% very poor, 8% poor, 39% fair, 47% good, 4% excellent. Weather conditions this past week were much dryer, which allowed producers to finish up planting throughout most of the state, but other areas weren't as lucky, as levees broke around Meyer, Illinois. Standing water is still prevalent in a few fields, but wheat harvest is well underway in southern Illinois. There is still fear of flooding along the Mississippi River, in some areas. Weather conditions for the upcoming week look favorable. The average weekly temperature was 3.6 degrees below normal. Precipitation this past week was 0.55 inch below normal.

**INDIANA:** Days suitable for fieldwork 4.9. Topsoil moisture 4% short, 73% adequate, 23% surplus. Subsoil moisture 2% short, 68% adequate, 30% surplus. Corn 97% emerged, 100% 2007, 98% avg.; condition 5% very poor, 10% poor, 26% fair, 45% good, 14% excellent. Soybeans 90% planted, 99% 2007, 96% avg.; 79% emerged, 97% 2007, 93% avg.; condition 5% very poor, 9% poor, 32% fair, 44% good, 10% excellent. Winter Wheat 100% headed, 100% 2007, 100% avg.; 6% harvested, 31% 2007, 21% avg.; condition 2% very poor, 5% poor, 20% fair, 50% good, 23% excellent. Alfalfa first cutting 88% complete, 98% 2007, 91% avg. Pasture condition 2% very poor, 6% poor, 21% fair, 45% good, 26% excellent. Average temperatures ranged from 20 to 60 below normal with a high of 89 and low of 47. Precipitation averaged from 0.07 inches to 1.4 inches. Winter wheat harvest is underway in southwestern portions of the state. Initial planting and replanting of soybeans continues as soils dry out. Cleanup is taking place in many central and southern areas as flood waters recede. This past week, 7 percent of the corn acreage, 7 percent of the soybean acreage and 3 percent of the wheat acreage were reported as flooded. Some farmers are still working on their first cutting of hay crops with good yields being reported. Other activities included replanting corn and soybeans, applying nitrogen to corn, spraying herbicides, mowing roadsides and ditches, cutting and baling hay, setting tobacco, equipment maintenance, hauling grain to market, hauling manure, and taking care of livestock.

**IOWA:** Days suitable for fieldwork 5.1. Topsoil moisture 0% very short, 1% short, 60% adequate, 39% surplus. Subsoil moisture 0% very short, 0% short, 49% adequate, 51% surplus. Corn condition 4% very poor, 11% poor, 35% fair, 41% good, 9% excellent. Flooded corn acreage is reported at 8%. Soybeans 95% planted, 85% emerged, condition 4% very poor, 10% poor, 36% fair, 41% good, 9% excellent. Flooded soybean acreage is reported at 7%. First cutting of alfalfa hay is 63%. Hay condition 2% very poor, 9% poor, 36% fair, 42% good, 11% excellent. Oats 38% headed, condition 2% very poor, 7% poor, 37% fair, 46% good, 8% excellent. Pasture condition 2% very poor, 6% poor, 26% fair, 50% good, 16% excellent. Drier weather and sunshine in Iowa gave farmers the opportunity to begin some replanting and to assess damages occurring from the previous weeks' excessive rain and flooding. Hay's first harvest advanced rapidly.

**KANSAS:** Days suitable for field work 3.7. Topsoil moisture 6% very short, 7% short, 60% adequate, 27% surplus. Subsoil moisture 6% very short, 11% short, 64% adequate, 19% surplus. Wheat turning is 94% complete, 97% 2007, 99% avg.; 38% ripe, 65% 2007, 76% avg. Sorghum 50% emerged, 67% 2007, 74% avg. Sunflowers 33% emerged, 53% 2007, 60% avg. First cutting of Alfalfa is 96% complete, 97% 2007, 99% avg. Second cutting of alfalfa is 21% completed, 28% 2007, 36% avg. Feed grain supplies 4% very short, 9% short, 86% adequate, and 1% surplus. Hay and forage supplies 1% very short, 6% short, 88% adequate, and 5% surplus. Stock water supplies 2% very short, 4% short, 79% adequate, and 15% surplus. Primary farm activity involved herbicide spraying on row crops, wheat harvest, cutting alfalfa, and planting soybeans, sorghum, sunflowers, and cotton. Reports across the state indicate wheat head scab is effecting the wheat yields.

**KENTUCKY:** Days suitable for fieldwork 5.8. Topsoil moisture 6% very short, 26% short, 64% adequate, 4% surplus. Subsoil moisture 6% very short, 19% short, 71% adequate, 4% surplus. Burley tobacco set 93%, 2007 97%, 5 yr avg. 92%. Dark tobacco set 94%, last year 99%, 5 yr avg. 95%. Tobacco height less than 12 in. 74%, 12-24 in. 22%, more than 24 in. 4%. Tobacco set condition 3% poor, 18% fair, 63% good, 16% excellent. Barley 91% harvested, 2007 99%, 5 yr avg. 95%. Winter wheat 38% harvested, 2007 57%, 5 yr avg. 43%. Sorghum 80% planted, 2007 98%, 5 yr avg. 91%. Alfalfa second cutting 37% complete. Pasture condition 2% very poor, 8% poor, 29%

fair, 53% good, 8% excellent.

**LOUISIANA:** Days suitable for fieldwork 6.0. Soil moisture 15% very short, 42% short, 35% adequate, 8% surplus. Corn 99% silked, 99% 2007, 97% avg.; 44% dough, 48% 2007, 28% avg. ;very poor 1%, 3% poor, 26% fair, 60% good, 10% excellent. Cotton 100% emerged, 100% 2007, 100% avg.; 60% squaring, 54% 2007, 66% avg.; 5% setting bolls, 2% 2007, 7% avg.; 1% poor, 28% fair, 56% good, 15% excellent. Hay 89% first cutting, 88% 2007, 86% avg.; 7% second cutting, 6% 2007, 3% average. Peaches 39% harvested, 38% 2007, and 35% avg. Rice 15% headed, 18% 2007, 17% avg.; 2% poor, 14% fair, 72% good, 12% excellent. Sorghum 100% emerged, 100% 2007, 99% avg; 46% headed, 32% 2007, 22% avg.; 3% poor, 33% fair, 60% good, 4% excellent. Soybeans 96% emerged, 97% 2007, 90% avg.; 42% blooming, 44% 2007, 36% avg.; 19% setting pods, 24% 2007, 14% avg.; 1% very poor, 7% poor, 35% fair, 48% good, 9% excellent. Sweet Potatoes 89% planted, 91% 2007, 79% average. Sugarcane 4% poor, 24% fair, 53% good, 19% excellent. Livestock 1% very poor, 7% poor, 28% fair, 58% good, 6% excellent. Vegetable very poor 3%, 12% poor, 32% fair, 49% good, 4% excellent. Range and pasture 4% very poor, 12% poor, 40% fair, 42% good, and 2% excellent. Wheat 100% harvested, 100% 2007, 100% avg.

**MARYLAND:** Days suitable for fieldwork 5.8 Topsoil moisture 3% very short, 12% short, 80% adequate, 5% surplus. Subsoil moisture 2% very short, 7% short, 87% adequate, 4% surplus. Hay supplies 0% very short, 14% short, 76% adequate, 10% surplus. Other Hay 1st Cutting 86%, 96% 2007, 79% avg. Other Hay 2nd cutting 10%, 18% 2007, 9% avg. Alfalfa Hay 1st Cutting 90%, 100% 2007, 85% avg. Alfalfa Hay 2nd cutting 33%, 43% 2007, 27% avg. Pasture condition 0% very poor, 2% poor, 11% fair, 64% good, 23% excellent. Corn condition 2% very poor, 5% poor, 20% fair, 73% good, 26% excellent. Soybean condition 2% very poor, 4% poor, 29% fair, 56% good, 9% excellent. Winter wheat condition 0% very poor, 8% poor, 18% fair, 53% good, 21% excellent. Barley condition 3% very poor, 11% poor, 18% fair, 58% good, 10% excellent. Apple condition 0% very poor, 0% poor, 12% fair, 84% good, 4% excellent. Peach condition 0% very poor, 0% poor, 33% fair, 52% good, 15% excellent. Corn Progress planted 99%, 96% 2007, 77% avg. Corn emerged 96%, 99% 2007, 97% avg. Corn silked 0%, 0% 2007, 0% avg. Soybeans planted 71%, 84% 2007, 75% avg. Soybeans emerged 60%, 76% 2007, 59% avg. Soybeans blooming 0%, 0% 2007, 0% avg. Barley headed 100%, 98% 2007, 79% avg. Barley turned 100%, 98% 2007, 98% avg. Barley harvested 47%, 78% 2007, 62% avg. Winter wheat headed 100%, 96% 2007, 79% avg. Winter wheat turned 97%, 86% 2007, 83% avg. Winter wheat harvested 13%, 17% 2007, 13% avg.. Cucumbers planted 56%, 47% 2007, 55% avg. Cucumbers harvested 5%, 0% 2007, 2% avg. Green Peas harvested 86%, 57% 2007, 60% avg. Lima Beans planted 68%, 74% 2007, 62% avg. Snap Beans planted 77%, 56% 2007, 64% avg. Snap beans harvested 9%, 1% 2007, 2% avg. Sweet Corn planted 86%, 93% 2007, 90% avg. Tomatoes planted 92%, 91% 2007, 92% avg. Strawberries harvested 93%, 97% 2007, 90% avg. Most farmers made progress with plantings and harvesting with the limited rainfall. Farmers continue to deal with high fuel, chemical, seed, and fertilizer prices as field work progressed.

**MICHIGAN:** Days suitable for fieldwork 5. Topsoil 0% very short, 15% short, 72% adequate, 13% surplus. Subsoil 2% very short, 12% short, 76% adequate, 10% surplus. Corn height 14 inches, 24 inches last year, 16 inches avg. Winter Wheat 22% turning, 70% 2007, 37% avg. Barley 1% very poor, 3% poor, 41% fair, 52% good, 3% excellent. Oats 1% very poor, 4% poor, 28% fair, 51% good, 16% excellent; 46% headed, 55% 2007, 49% avg. Potatoes 95% emerged, 91% 2007. All hay 3% very poor, 5% poor, 26% fair, 50% good, 16% excellent. First cutting hay 57%, 81% 2007, 72% avg. Dry beans 49% planted, 94% 2007, 84% avg.; 17% emerged, 71% 2007, 41% avg. Asparagus 95% harvested, 98% 2007, 98% avg. Strawberries 54% harvested, 71% 2007, 55% avg. Precipitation varied from 0.03 inches west central Lower Peninsula to 0.56 inches northeastern Lower Peninsula. Average temperatures ranged from 5 degrees below normal northwestern, northeastern, west central, east central, southwestern, and south central Lower Peninsula to 2 degrees below normal eastern Upper Peninsula. Temperatures cooler this week and precipitation varied across State. Some farmers finding difficult to get fieldwork completed. Farmers able to get some fieldwork done following rains received a week ago. Weather conditions this week cooler than normal. Herbicide and nitrogen applications delayed some fields due to damp conditions. As a result, weeds growing well. Corn continued to grow and development varies from 5 to 10 leaf stage. There some reports of yellowing due to cool temperatures or denitrification. Soybeans stands adequate and range from 6 to 8 inch growth stage. Reports of bean leaf beetle. Winter wheat generally looks good. There

is a concern about infection of fusarium head blight. This requires continued monitoring. Some alfalfa fields remain to be cut while early cut fields regrowing well. Leafhoppers present and need continued monitoring. Planting of dry beans hindered some areas due to wetness. Drier fields, planting able to progress. Oats generally looked good, and disease and insect pressure remain low. Barley is generally fair to good condition. Sugarbeets generally range eight to twelve leaf stage. Apples ranged from 18 mm diameter northwest to 1 inch southwest. Fruit drop has been heavy with some apple varieties yielding a very light crop. Blueberries advanced rapidly southwest and at small green fruit southeast, as brown discoloration from frost injury evident. Peaches grew to 1.5 inches southwest, where green peach aphid populations on rise. Peaches grew to 1.25 inches southeast, where plum curculio and tarnished plant bug damage have been found. Pear fruit grew to 24 mm and 16 mm southwest and northwest, respectively. Southeast, pears grew to 1 inch diameter with a fair amount of pear psylla present. Plums grew to 1 inch southwest and 15 mm northwest. Southeast, heavy fruit drop continued and plum curculio activity increased, as fruit grew to 1 inch diameter. Sweet cherries showing red color as harvest of early varieties began southwest. Southeast, sweet cherries 22 mm. Northwest, sweet cherries grew to 13 mm, as bacterial canker symptoms prevalent. Tart cherries 14 mm southeast and coloring southwest. Northwest, tart cherries 13 mm. Strawberry harvest continued with excellent fruit size and quality southwest. Concord and Niagara grape bloom ended, as wine grapes continued to bloom southwest. Recent heavy rains and variable temperatures have led to challenging conditions across State as growers hoped for warmer weather to push faster growth and development. Planting schedules for processed zucchini interrupted by rain. Except on heavy soils, zucchini and pumpkin fields planted before heavy rain emerging normally. Cucumber, yellow squash and zucchini harvested from tunneled fields. Pepper and eggplant transplanting completed, while late Brussel sprouts, cauliflower, and cabbage continued to be transplanted. No major problems reported for snap beans, cabbage, onions, peppers, and tomatoes. Processing tomato planting near completion. Early planted tomatoes blossoming and beginning to set fruit. Asparagus harvest winding down across State and expected to finish about one week later than last year. Early carrot crop starting to fill beds; some producers reporting thinner than normal stands and behind normal growth. Celery planting continued on schedule as growers caught up following wet field conditions two weeks ago. Early planted sweet corn, which under tunnels or plastic, progressed beyond silk stage. Open field sweet corn at tassel emergence. Sweet corn that had frost injury two weeks ago has recovered well from injury. Growth remained slow due to cooler temperatures.

**MINNESOTA:** Days suitable for fieldwork 5.7. Topsoil moisture 3% short, 84% adequate, 13% surplus. Spring Wheat 50% jointed, 86% 2007, 76% avg. Oats 65% jointed, 89% 2007, 84% avg. Barley 55% jointed, 80% 2007, 71% avg. Corn 11 in. height, 34 in. 2007, 21 in. avg. Soybeans 4 in. height, 9 in. 2007, 6 in. avg. Sweet Corn 82% planted, 98% 2007, 90% avg. Alfalfa 61% 1st cutting, 87% 2007, 79% avg.; condition 1% very poor, 3% poor, 28% fair, 58% good, 10% excellent. Pasture condition 1% very poor, 2% poor, 25% fair, 56% good, 16% excellent. Sugarbeet condition 3% poor, 27% fair, 66% good, 4% excellent. Potatoes condition 2% poor, 23% fair, 63% good, 12% excellent. Canola condition 17% poor, 37% fair, 33% good, 13% excellent. Green Pea condition 1% very poor, 3% poor, 19% fair, 65% good, 12% excellent. Dry Bean condition 12% poor, 49% fair, 36% good, 3% excellent. Sunflower condition 7% poor, 32% fair, 58% good, 3% excellent. Drier weather across much of Minnesota allowed producers to harvest thirty-three percent of the state's first alfalfa cutting. Drier conditions also permitted producers to complete much of their spraying activities and other necessary fieldwork. The average temperature for the week was 64.4°, 1.9° below normal.

**MISSISSIPPI:** Days suitable for fieldwork 6.2. Soil moisture 26% very short, 29% short, 45% adequate. Corn 84% silked, 90% 2007, 79% avg.; 14% dough, 33% 2007, 18% avg.; 3% very poor, 4% poor, 17% fair, 56% good, 20% excellent. Cotton 100 planted, 100% 2007, 100% avg.; 100% emerged, 100% 2007, 100% avg.; 41% squaring, 71% 2007, 58% avg.; 0% setting bolls, 3% 2007, 3% avg.; 1% very poor, 4% poor, 25% fair, 56% good, 14% excellent. Peanuts 100% planted, 100% 2007, avg.; 7% pegging, 7% 2007, 4% avg.; 0% very poor, 0% poor, 2% fair, 89% good, 9% excellent. Rice 100% planted, 100% 2007, 100% avg.; 100% emerged, 100% 2007, 100% avg.; heading, 2007, 1% avg.; 0% very poor, 4% poor, 15% fair, 55% good, 26% excellent. Sorghum 100% planted, 100% 2007, 100% avg.; 97%

emerged, 100% 2007, 100% avg.; 32% heading, 25% 2007, 19% avg.; 1% very poor, 4% poor, 14% fair, 55% good, 26% excellent. Soybeans 99% planted, 100% 2007, 100% avg.; 97% emerged, 100% 2007, 98% avg.; 60% blooming, 67% 2007, 59% avg.; 1% very poor, 8% poor, 21% fair, 53% good, 17% excellent. Winter Wheat 100% heading, 100% 2007, 100% avg.; 100% mature, 100% 2007, 100% avg.; 97% harvested, 99% 2007, 94% avg.; 97% harvested, 99% 2007, 94% avg.; 5% very poor, 6% poor, 16% fair, 37% good, 36% excellent. Blueberries 0% very poor, 3% poor, 19% fair, 70% good, 8% excellent. Hay (harvested-cool) 100%, 100% 2007, 99% avg.; 4% very poor, 10% poor, 23% fair, 43% good, 20% excellent.; (harvested-warm) 41%, 30% 2007, 35% avg. Sweetpotatoes 83% planted, 84% 2007, 69% avg.; 0% very poor, 6% poor, 12% fair, 73 good, 9% excellent. Watermelons 100% planted, 100% 2007, 100% avg.; 29% harvested, 14% 2007, 15% avg.; 0% very poor, 5% poor, 20% fair, 74 good, 1% excellent. Cattle 4% very poor, 16% poor, 28% fair, 40% good, 12% excellent. Pasture 11% very poor, 20% poor, 32% fair, 27% good, 10% excellent.

**MISSOURI:** Days suitable for fieldwork 3.9. Topsoil moisture 1% very short, 7% short, 60% adequate, 32% surplus. Spring tillage 87% complete, 100% 2007, 100% avg. Pasture condition 3% poor, 24% fair, 61% good, 12% excellent. While several counties experienced some flooding along the Mississippi River, rains were welcomed in the Bootheel. Farmers took advantage of breaks in the rains to plant corn and soybeans. Missouri temperatures during the past week were mostly 2 to 5 degrees below normal throughout the State. Rainfall averaged 0.96 inches, ranging from 0.49 of an inch in the north-eastern district to 1.51 inches in the west-central. Activities limited spring tillage, limited corn, soybean, sorghum planting; 1st cutting alfalfa and other hay harvest; care of livestock.

**MONTANA:** Days suitable for field work 6.1. Topsoil moisture 4% very short, 3% last year, 18% short, 15% last year, 73% adequate, 67% last year, 5% surplus, 15% last year. Subsoil moisture 11% very short, 3% last year, 30% short, 19% last year, 55% adequate, 67% last year, 4% surplus, 11% last year. Barley 30% boot, 66% last year, 8% headed, 24% last year. Barley condition 1% very poor, 3% last year, 4% poor, 9% last year, 23% fair, 17% last year, 62% good, 51% last year, 10% excellent, 20% last year. Oats 96% planted, 100% last year, 92% emerged, 100% last year, 34% boot, 61% last year. Oats condition 3% very poor, 0% last year, 7% poor, 2% last year, 40% fair, 16% last year, 47% good, 69% last year, 3% excellent, 13% last year. Spring wheat 38% boot, 55% last year, 12% headed, 16% last year. Spring wheat condition 2% very poor, 2% last year, 5% poor, 5% last year, 31% fair, 15% last year, 52% good, 62% last year, 10% excellent, 16% last year. Winter wheat 78% boot stage, 99% last year, 46% headed, 83% last year. Winter wheat condition 1% very poor, 1% last year, 11% poor, 5% last year, 37% fair, 18% last year, 35% good, 40% last year, 16% excellent, 36% last year. Durum wheat 24% boot, 35% last year. Durum wheat condition 2% very poor, 1% last year, 9% poor, 1% last year, 35% fair, 19% last year, 44% good, 62% last year, 10% excellent, 17% last year. Dry peas 42% blooming, 69% last year. Lentils 19% blooming, 40% last year. The state welcomed warm temperatures last week after receiving moisture at the beginning of the month. All of the small grain conditions have improved from the previous week; however, more moisture will be needed for crops and hay to withstand the heat. Most of the pulse crops and oilseeds are developing slower than last year. Montana received below normal precipitation for the week ending June 22nd. Superior had the most moisture at 0.76 of an inch during the week. Superior and Missoula shared the high temperature of 94 degrees. Superior also had the low temperature of 31 degrees. Range and pasture feed condition 4% very poor, 2% last year, 10% poor, 5% last year, 30% fair, 20% last year, 43% good, 47% last year, 13% excellent, 26% last year. Cattle and calves moved to summer ranges 99%, 97% last year. Sheep and lambs moved to summer ranges 98%, 93% last year.

**NEBRASKA:** Days suitable for fieldwork 4.9. Topsoil moisture 2% very short, 10% short, 77% adequate, 11% surplus. Subsoil moisture 5% very short, 12% short, 73% adequate, 10% surplus. Corn conditions 1% very poor, 4% poor, 25% fair, 56% good, 14% excellent; 0% silked, 0% 2007, 0% avg. Soybean conditions 2% very poor, 5% poor, 24% fair, 58 good, 11% excellent; 96% planted, 100% 2007, 100% avg.; 84% emerged, 99% 2007, 98% avg.; 0% blooming, 0% 2007, 0% avg. Sorghum conditions 1% very poor, 2% poor, 30% fair, 59% good, 8% excellent; 97% planted; 97% 2007; 98% avg.; 77% emerged, 88% 2007, 89% avg.; 0% headed, 9% 2007, 4% avg. Wheat conditions 4% very poor, 7% or, 27% fair, 52% good, 10% excellent; 99% headed, 100% 2007, 100% avg.; 42% turning color, 80% 2007,

77% avg.; 0% ripe, 7% 2007, 14% avg.; 0% harvested, 0% 2007, 0% avg. Proso Millet 73% planted, 79% 2007, 68% avg. Oats conditions 0% very poor, 2% poor, 30% fair, 59% good, 8% excellent; 60% headed, 82% 2007, 87% avg. Dry Beans 96% planted, 95% 2007, 95% avg.; 61% emerged, 80% 2007, 72% avg. Alfalfa conditions 1% very poor, 6% poor, 25% fair, 56% good, 8% excellent; 75% 1st cutting, 92% 2007, 93% avg.; 1% 2nd cutting, 5% 2007, 9% avg. Pasture and Range conditions 1% very poor, 6% poor, 25% fair, 56% good, excellent. More rain, below normal temperatures, and hail again this past week. Despite below normal temperatures, the weather did warm up and many crops responded favorably and showed great progress. The corn crop is showing a lot of variability, with some not planted due to the wet conditions, to some 4-5 inches tall, and some fields having corn over 4 feet tall. There have been reports of scab and rust in wheat fields in areas of the state. Many hay producers were getting their first cutting of alfalfa harvested. Temperatures averaged four degrees below normal across the state with highs ranging around 90 in the Panhandle and Southwest District to lows in the upper 40's in the Panhandle. The entire state received precipitation last week, the North Central, Southwest, South Central, and Southeast Districts all averaged over an inch of moisture.

**NEVADA:** Days suitable for fieldwork 7. Temperatures averaged three to eight degrees above normal across the state. The week's high temperatures ranged from 91 degrees in Eureka to 110 degrees in Las Vegas. The week's low temperatures ranged from 36 degrees in Ely to 77 degrees in Las Vegas. A trace amount of precipitation was recorded in Winnemucca. Alfalfa is in generally good condition throughout the state as first cutting progresses. Livestock are in predominately good condition as producers move stock to summer ranges. Small grains, onions, and garlic are in good to very good condition. Fall seeded wheat and barley fields are beginning to head out. Some southern small grain fields are being cut for hay. Main farm and ranch activities include irrigation, weed control and equipment maintenance.

**NEW ENGLAND:** Days suitable for fieldwork 4.9. Topsoil moisture 5% short, 82% adequate, 13% surplus. Subsoil moisture 1% very short, 5% short, 87% adequate, 7% surplus. Pasture condition 19% fair, 71% good, 10% excellent. Maine Potatoes 80% emerged, 80% 2007, 75% average; condition good/fair. Rhode Island Potatoes 100% emerged, 100% 2007, 100% average; condition good/excellent. Massachusetts Potatoes 99% emerged, 100% 2007, 95% average; condition good. Maine Oats 95% emerged, 95% 2007, 95% average; condition good. Maine Barley 95% emerged, 95% 2007, 95% average; condition good. Field Corn 99% planted, 99% 2007, 95% average; 90% emerged, 95% 2007, 80% average; condition good/fair in Connecticut and Vermont and good elsewhere. Sweet Corn 90% planted, 90% 2007, 85% average; 80% emerged, 85% 2007, 75% average; condition good. Shade Tobacco 100% transplanted, 100% 2007, 100% average; condition good/excellent. Broadleaf Tobacco 85% transplanted, 90% 2007, 85% average; condition good/fair. First Crop Hay 55% harvested, 65% 2007, 50% average; condition good/fair. Second Crop Hay 0% harvested, 5% 2007, 0% average; condition good/excellent in Maine and Vermont and good/fair elsewhere. Apples Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average; condition good/fair in Connecticut and New Hampshire and good elsewhere. Peaches Fruit Set average/below average in New Hampshire and average elsewhere; Fruit Size average; condition good/fair. Pears Fruit Set average/below average in Connecticut and average elsewhere; Fruit Size average; condition good/fair. Strawberries 20% harvested, 20% 2007, 10% average; Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Maine and Rhode Island and average elsewhere; condition good/excellent in Rhode Island and Vermont and good elsewhere. Massachusetts Cranberries Early Bloom; condition good. Highbush Blueberries Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average; condition good/excellent in Rhode Island and good elsewhere. Maine Wild Blueberries Fruit Set average/above average; Fruit Size average; condition good/excellent. This past week was very rainy, with scattered thunderstorms bringing hail and wind damage to locations throughout New England. Temperatures remained below average in all locations through Thursday. Daytime temperatures ranged in the low-60s to upper 70s, while nighttime temperatures averaged in the mid-50s. Weekend temperatures were slightly warmer with highs in the mid-70s to low-80s. Rain fell in most locations nearly every day of the week, hindering dry hay production and limiting field work. Heavy thunderstorms on Monday and Sunday brought wind and hail damage to tree fruit, vegetable, and corn crops throughout the region. Reporters in Connecticut and Vermont stated corn crops in low lying areas were showing signs of stress due to the large amount of

rain. Total rain accumulation for the week ranged from 0.35 inches to 2.6 inches, bringing most locations well above average for the month. Major farm activities included chopping haylage, making successive plantings of various vegetable crops, applying fungicides and herbicides, mowing orchard floors, monitoring for pests, and harvesting strawberries.

**NEW JERSEY:** Days suitable for field work 6.0. Topsoil moisture 30% short, 70% adequate. Subsoil moisture 15% short, 85% adequate. There were measurable amounts of rainfall for the week in some localities. Temperatures were below normal during the week across the Garden State. Field preparation for planting and harvesting of summer vegetables continued. Soybeans looked good while corn reported up to 30 inches in the southern district. Farmers began to bale hay throughout the state. In southern New Jersey, blueberries were hand-picked as they ripened. Cranberries are still in bloom. Other activities included irrigating, spraying, and top dressing.

**NEW MEXICO:** Days suitable for field work 6.4. Topsoil moisture 56% very short, 28% short, 15% adequate, 1% surplus. Wind damage 21% light, 12% moderate. Alfalfa 1% very poor, 8% poor, 19% fair, 54% good, 18% excellent, with 79% of second cutting complete, 20% of third cutting complete. Cotton 36% fair, 45% good, 19% excellent; 23% squaring, 17% setting bolls. Corn 2% poor, 35% fair, 42% good, 21% excellent; 97% emerged. Irrigated sorghum 95% fair, 3% good, 2% excellent; 97% planted. Dry sorghum 90% very poor, 5% poor, 5% fair, 50% planted. Total sorghum 54% very poor, 3% poor, 41% fair, 1% good, 1% excellent; 75% planted. Irrigated winter wheat 5% poor, 68% fair, 23% good, 4% excellent; 51% harvested. Dry winter wheat 97% very poor, 3% poor, 50% harvested. Total winter wheat 58% very poor, 4% poor, 27% fair, 9% good, 2% excellent; 50% harvested. Peanuts 8% poor, 42% fair, 40% good, 10% excellent; 10% pegged. Chile conditions 33% fair, 44% good, 23% excellent. Onions 10% fair, 10% good, 80% excellent; 70% harvested. Apples 100% fair. Pecans 7% fair, 69% good, 24% excellent; 7% light nut set, 84% average nut set, 9% heavy nut set. Cattle conditions 2% very poor, 23% poor, 46% fair, 29% good. Sheep conditions 9% poor, 56% fair, 35% good. Range and pasture conditions 22% very poor, 49% poor, 25% fair, 4% good. Farmers spent the week cutting and baling hay, as well as planting, irrigating, and harvesting crops. In addition, farmers are in the process of scouting for diseases and pests. Livestock producers have been busy culling herds, branding and working cattle, as well as supplemental feeding. Afternoon temperatures during the early part of the week were hot. However by the weekend, clouds and precipitation brought cooler temperatures. The highest temperature reported was 108 degrees in Carlsbad. The most precipitation reported during the week was 1.76 inches in Ruidoso.

**NEW YORK:** Days suitable for fieldwork 3.9. Soil moisture 9% short, 79% adequate, 12% surplus. Pasture condition 1% very poor, 7% poor, 22% fair, 46% good, 24% excellent. Oat condition 3% poor, 8% fair, 65% good, 24% excellent. Hay 5% poor, 23% fair, 48% good, 24% excellent. Winter Wheat 16% fair, 63% good, 21% excellent. Corn 100% plantings, 100% 2007, 96% average. Soybeans 98%, 97% 2007, 89% average. Dry beans 69%, 78% 2007, 71% average. First alfalfa cutting 79%, 84% 2007. Clover-timothy hay mix 55%, 72% 2007. Grass silage harvested 80%, 82% 2007. Apple condition 23% poor, 25% fair, 39% good, 13% excellent. Grapes 5% poor, 19% fair, 47% good, 29% excellent. Peaches 12% poor, 25% fair, 57% good, 6% excellent. Pears 31% poor, 25% fair, 44% good. Hail on Monday devastated several growers from Lake Ontario to the Hudson Valley. Wayne, Monroe, and Ontario counties received reports of severely damaged fruit trees. On Long Island, grapes were in bloom and vines looked good. Sweet corn 88% planted, snap beans 65%, cabbage 83%, tomatoes 72%, lettuce 73%. Sweet corn condition 2% poor, 11% fair, 63% good, 24% excellent. Onions 3% poor, 12% fair, 75% good, 10% excellent. Lettuce 8% fair, 57% good, 35% excellent. Temperatures were below normal throughout most of the state. Precipitation for the week was above normal with a major thunderstorm and hail at the beginning of the week.

**NORTH CAROLINA:** Days suitable for field work 6.4. Soil moisture 25% very short, 54% short, 21% adequate and 0% surplus. Activities during the week included the planting of sorghum, soybeans, sweetpotatoes, and harvesting hay, Irish potatoes, barley, rye, oats, and wheat. North Carolina received between 0 to 1.48 inches of rain throughout the week. Whiteville reported the most rain with 1.48 inches. Average temperatures ranged from 62 to 77 degrees which for some areas was slightly below normal. Lack of rain continues to cause concern for many farmers in the state.

**NORTH DAKOTA:** Days suitable for fieldwork 6.2. Topsoil moisture 1% very short, 17% short, 79% adequate, 3% surplus. Subsoil

moisture conditions 9% very short, 31% short, 57% adequate, 3% surplus. Spring wheat 73% jointed, 81% 2007, 75% avg.; 27% boot, 49% 2007, 44% average. Durum wheat 53% jointed, 49% 2007, 49% avg.; 21% boot, 21% 2007, 18% avg.; 2% headed, 5% 2007, 6% avg.; conditions 1% poor, 32% fair, 62% good, 5% excellent. Barley 74% jointed, 83% 2007, 75% avg.; 31% boot, 54% 2007, 42% average. Oats 73% jointed, 82% 2007, 75% avg.; 37% boot, 49% 2007, 43% average. Canola 53% rosette, 84% 2007, 69% avg.; 4% blooming, 29% 2007, 24% avg.; condition 1% very poor, 4% poor, 30% fair, 58% good, 7% excellent. Dry edible beans 97% emerged, 90% 2007, 90% avg.; 0% blooming, 2% 2007, 2% avg.; condition 3% poor, 24% fair, 60% good, 13% excellent. Dry edible peas 19% flowering, 50% 2007, average not available; condition 3% poor, 32% fair, 62% good, 3% excellent. Flaxseed 98% emerged, 97% 2007, 97% avg.; 1% blooming, 7% 2007, 7% avg.; condition 2% poor, 29% fair, 66% good, 3% excellent. Potatoes 89% emerged, 93% 2007, 92% avg.; 3% blooming, 10% 2007, 8% avg.; condition 24% fair, 59% good, 17% excellent. Sugarbeets condition 2% poor, 13% fair, 70% good, 15% excellent. Sunflowers 86% emerged, 87% 2007, 85% avg.; condition 1% poor, 34% fair, 60% good, 5% excellent. Hay condition 6% very poor, 33% poor, 41% fair, 19% good, 1% excellent. Broadleaf spraying 80% complete and wild oats spraying 85% complete. Stockwater supplies 15% very short, 26% short, 57% adequate, 2% surplus. The first cutting of alfalfa was 7% complete. Other hay cutting 4% complete. Mostly dry conditions prevailed last week as crops made excellent developmental progress despite below normal temperatures. Some hay producers were concerned about the hay crop(s) stunted growth because of the dry, cool spring.

**OHIO:** Days suitable for field work 5.0. Topsoil moisture 0% very short, 3% short, 78% adequate, 19% surplus. Winter wheat turning color 75%, 96% 2007, 76% avg.; 2% ripe, 19% 2007, 6% avg.; condition 1% very poor, 4% poor, 19% fair, 54% good, 22% excellent Oats 67% headed, 87% 2007, 73% avg.; 1% ripe, 1% 2007, 1% avg.; condition 0% very poor, 8% poor, 22% fair, 57% good, 13% excellent Cucumbers 79% planted, 81% 2007, 67% avg. Strawberries 71% harvested, 81% 2007, 76% avg.; condition 0% very poor, 3% poor, 24% fair, 52% good, 21% excellent Alfalfa hay 1st cutting 89%, 100% 2007, 77% avg.; 2nd cutting 6%, 25% 2007, 9% avg Other hay 1st cutting 77%, 99% 2007, 68% avg.; 2nd cutting 1%, 13% 2007, 4% avg. Corn condition 3% very poor, 8% poor, 31% fair, 45% good, 13% excellent. Hay condition 2% very poor, 7% poor, 27% fair, 48% good, 16% excellent. Livestock condition 0% very poor, 1% poor, 18% fair, 65% good, 16% excellent. Pasture condition 0% very poor, 4% poor, 25% fair, 54% good, 17% excellent. Soybeans condition 3% very poor, 9% poor, 31% fair, 47% good, 10% excellent. Farm activities for the week included replanting patches of non-emerged soybeans, sidedressing corn, mowing roadsides, spraying fertilizer and insecticides, and cutting hay. Reporters throughout the state have observed army worms in wheat fields. Spraying wheat fields for army worms continues. Northwest district reporters have observed the following pests in crop fields army worms which have moved into corn fields from wheat fields, head scab in wheat fields, common rust in wheat fields, and aphids in soybean fields. The strawberry harvest continues in the Southeast district, however the season is winding down for most producers. Early planted sweet corn is in full tassel. The harvest continues for summer squash, cabbage, snap and sugar peas, snap beans, broccoli, cauliflower, sweet onions, bunching onions, and lettuce.

**OKLAHOMA:** Days suitable for fieldwork 4.0. Topsoil moisture 14% very short, 14% short, 57% adequate, 15% surplus. Subsoil moisture 15% very short, 15% short, 57% adequate, 13% surplus. Wheat plowed 13% this week, 6% last week, N/A last year, N/A average. Rye condition 4% very poor, 7% poor, 21% fair, 58% good, 10% excellent; harvested 48% this week, 41% last week, 43% last year, 56% average. Oats condition 7% very poor, 8% poor, 35% fair, 46% good, 4% excellent; soft dough 97% this week, 89% last week, 91% last year, 96% average; harvested 66% this week, 41% last week, 30% last year, 61% average; plowed 12% this week, 7% last week, N/A last year, N/A average. Corn condition 3% poor, 16% fair, 59% good, 22% excellent; silking 21% this week, 8% last week, 31% last year, 32% average. Sorghum seedbed prepared 92% this week, 89% last week, 95% last year, 95% average; emerged 42% this week, 36% last week, 49% last year, 59% average. Soybeans condition 4% poor, 31% fair, 60% good, 5% excellent; seedbed prepared 90% this week, 88% last week, 83% last year, 91% average; planted 58% this week, 55% last week, 48% last year, 75% average; emerged 51% this week, 46% last week, 36% last year, 64% average. Cotton emerged 97% this week, 88% last

week, 87% last year, 91% average. Watermelon running 81% this week, 53% last week, 99% last year, 92% average; setting fruit 28% this week, 11% last week, 80% last year, 66% average. Alfalfa condition 4% very poor, 5% poor, 31% fair, 46% good, 14% excellent; 2nd cutting 76% this week, 64% last week, 61% last year, 76% average. Other hay condition 3% very poor, 8% poor, 29% fair, 51% good, 9% excellent; 1st cutting 56% this week, 55% last week, 65% last year, 70% average. Livestock condition 1% very poor, 5% poor, 24% fair, 59% good, 11% excellent. Pasture and range condition 4% very poor, 6% poor, 22% fair, 56% good, 12% excellent. Livestock. Prices for feeder steers less than 800 pounds averaged \$108 per cwt. Prices for heifers less than 800 pounds averaged \$101 per cwt. Livestock conditions were rated mostly in the good to fair range. Mostly light to moderate insect activity was reported.

**OREGON:** Days suitable for field work 6.6. Top soil moisture 9% very short, 31% short, 57% adequate, 3% surplus. Sub soil moisture 7% very short, 30% short, 58% adequate, 5% surplus. Winter Wheat condition 6% very poor, 16% poor, 53% fair, 21% good, 4% excellent. Spring Wheat condition 1% very poor, 28% poor, 41% fair, 23% good, 7% excellent. Barley condition 20% poor, 44% fair, 30% good, 6% excellent. Corn condition 43% fair, 47% good, 10% excellent. Range, pasture condition 2% very poor, 9% poor, 29% fair, 49% good, 11% excellent. Winter Wheat headed 93%, 100% previous year, 96% 5-year average. Spring Wheat headed 82%, 91% previous year, 74% 5-year average. Alfalfa first cutting 70%, 97% previous year, 35% 5-year average. Weather The warming trend continued last week with mild, dry conditions prevailing throughout much of the State. High temperatures ranged from 98 degrees in Ontario down to 62 degrees in Bandon. Low temperatures ranged from 49 degrees in Portland, Ontario, down to 30 degrees at the Redmond, Christmas Valley stations. The Pendleton weather station received the most precipitation with 0.13 total inches. Twenty-three out of the forty-two stations reporting received measurable precipitation with many reporting below average levels. Field Crops The latter part of last week brought gradual warming across most of the State, which allowed hay farmers to cut, bale. The recent warmer weather was much needed to help field crop development. Grass seed pollination was prevalent. Field corn was shooting up in Washington County. The mild temperatures have been good for wheat in north central Oregon, but more rain is needed. Harvest will be delayed, but that may prove beneficial for making grain. Vegetables Summer vegetable crops continued to benefit from the warmer temperatures. Sweet corn was showing good growth in Washington County, while some early peas were being picked in Jackson County. Persistent cool night time temperatures continued to slow vegetable crop development in Douglas County. Snap beans were beginning to show improvement from previous weeks. Fruits, Nuts Strawberries continued to be picked throughout the Willamette Valley, became available in southern Oregon. Sweet cherry harvest was slow getting started in Wasco County. Picking will begin in lower elevations of the north Willamette Valley next week; higher elevations may not start until the beginning of July. Hazelnut growers will begin hanging pheromone traps for filbert worm next week. Blueberries were setting fruit. Grapes were starting to flower, two weeks late, in Douglas County. Fair weather prevailed during the week in Hood River County. Calm conditions mid-week provided opportunities for orchard spray applications. Summer orchard operations continued throughout the Hood River Valley. Nurseries, Greenhouses Greenhouses continued to be busy with vegetable starts, flowering plants. Nurseries remained busy with continued sales of potted shrubs, flowers reported. Livestock, Range, Pasture Livestock were doing well across the State. Dryland pasture was starting to brown up in some area, forcing producers to bring animals in or move to them higher pastures. It was good weather for ranch work.

**PENNSYLVANIA:** Days suitable for fieldwork 5. Soil moisture 1% very short, 21% short, 68% adequate, 10% surplus. Corn 96% emerged, 93% 2007, 91% avg. Corn height 17 inches, 24 inches 2007, 20 inches avg.; condition 1% very poor, 3% poor, 24% fair, 55% good, 17% excellent. Barley turning yellow 96% complete, 92% 2007, 94% avg.; 60% ripe, 57% 2007, 54% avg.; 21% harvested, 0% 2007, 20% avg. Winter wheat turning yellow 66% complete, 73% 2007, 65% avg.; condition 4% very poor, 1% poor, 11% fair, 60% good, 24% excellent. Oats 62% heading, 64% 2007, 53% avg.; condition 1% very poor, 19% fair, 54% good, 26% excellent. Soybeans 92% planted, 97% 2007, 89% avg.; 83% emerged, 83% 2007, 75% avg.; condition 2% poor, 18% fair, 64% good, 16% excellent. Tobacco transplanted 99% complete, 98% 2007, 85% avg. Alfalfa first cutting 91% complete, 97% 2007, 82% avg.; second cutting 10% complete, 27% 2007, 15% avg.;

conditions 2% poor, 12% fair, 61% good, 25% excellent. Timothy clover first cutting 69% complete, 79% 2007, 56% avg.; condition 3% poor, 16% fair, 69% good, 16% excellent. Peach crop condition 12% fair, 31% good, 57% excellent. Apple crop condition 30% fair, 31% good, 39% excellent. Quality of hay made 10% poor, 27% fair, 41% good, 22% excellent. Pasture conditions 5% very poor, 5% poor, 23% fair, 56% good, 11% excellent. Principal farm activities included harvesting barley and sweet cherries, spraying, planting soybeans, as well as cutting and baling hay.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.3. Soil moisture 43% very short, 32% short, 23% adequate, 2% surplus. Corn 35% very poor, 31% poor, 28% fair, 6% good, 0% excellent; silked (tasseled) 62%, 65% 2007, 68% avg.; 8% doughed, 11% 2007, 13% avg. Soybeans 15% very poor, 24% poor, 49% fair, 12% good, 0% excellent; 86% planted, 86% 2007, 85% avg.; 71% emerged, 74% 2007, 73% avg.; 0% bloomed, 1% 2007, 2% avg. Sorghum 28% headed, 34% 2007, 41% avg.; turned color 1%, 3% 2007, 5% avg.; 20% very poor, 15% poor, 55% fair, 10% good, 0% excellent. Winter wheat 0% very poor, 0% poor, 27% fair, 61% good, 12% excellent. Oats 0% very poor, 1% poor, 32% fair, 53% good, 14% excellent. Sweet Potatoes 0% very poor, 0% poor, 85% fair, 15% good, 0% excellent. Tobacco 3% very poor, 22% poor, 57% fair, 16% good, 2% excellent. Hay 25% very poor, 26% poor, 28% fair, 21% good, 0% excellent. Peaches 10% very poor, 5% poor, 19% fair, 66% good, 0% excellent. Apples 0% very poor, 0% poor, 75% fair, 25% good, 0% excellent. Snapbeans, fresh 0% very poor, 50% poor, 50% fair, 0% good, 0% excellent. Cucumbers, fresh 19% very poor, 31% poor, 50% fair, 0% good, 0% excellent. Watermelons 10% very poor, 18% poor, 47% fair, 25% good, 0% excellent. Tomatoes, fresh 11% very poor, 3% poor, 26% fair, 60% good, 0% excellent. Cantaloupes 12% very poor, 22% poor, 43% fair, 23% good, 0% excellent. Livestock condition 3% very poor, 15% poor, 57% fair, 25% good, 0% excellent. Sorghum planted 95%, 98% 2007, 94% avg. Peanuts 100% planted, 100% 2007, 100% avg. Winter wheat 100% ripe, 99% 2007, 97% avg.; 87% harvested, 76% 2007, 79% avg. Oats 91% harvested, 85% 2007, 76% avg. Sweet Potatoes 89% planted, 90% 2007, 91% avg. Tobacco topped 15%, 16% 2007, 25% avg. Hay grain hay 100%, 99% 2007, 98% avg. Peaches 27% harvested, 18% 2007, 21% avg. Snapbeans, fresh harvested 74%, 81% 2007, 68% avg. Cucumbers, fresh harvested 85%, 91% 2007, 84% avg. Watermelons harvested 16%, 19% 2007, 14% avg. Tomatoes, fresh harvested 40%, 39% 2007, 38% avg. Cantaloupes harvested 29%, 44% 2007, 31% avg.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.0. Topsoil moisture 1% very short, 4% short, 82% adequate, 13% surplus. Subsoil moisture 2% very short, 6% short, 82% adequate, 10% surplus. Winter wheat boot 99%, 100% 2007, 100% avg.; turning color 4%, 46% 2007, 34% avg. Barley boot 69%, 92% 2007, 85% avg.; 14% headed, 38% 2007, 44% avg.; turning color 0%, 1% 2007, 1% avg.; 2% very poor, 1% poor, 22% fair, 67% good, 8% excellent. Oats boot 76%, 94% 2007, 88% avg.; turning color 1%, 1% 2007, 2% avg. Spring wheat boot 79%, 93% 2007, 90% avg.; turning color 0%, 1% 2007, 2% avg. Corn 98% emerged, 100% 2007, 100% avg.; cultivated or sprayed once 73%, 87% 2007, 83% avg.; cultivated or sprayed twice 16%, 28% 2007, 22% avg. Average corn height (inches) 11 in., 22 in. 2007, 16 in. avg. Sorghum 63% emerged, 76% 2007, 57% avg. Sunflower 1% very poor, 4% poor, 41% fair, 49% good, 5% excellent. Alfalfa hay 1st cutting harvested 48%, 69% 2007, 65% avg.; 2nd cutting harvested 0%, 1% 2007, 2% avg. Alfalfa hay 3% very poor, 2% poor, 18% fair, 58% good, 19% excellent. Other hay harvested 20%, 23% 2007, 26% avg. Feed supplies 1% very short, 5% short, 88% adequate, 6% surplus. Stock water supplies 1% very short, 5% short, 79% adequate, 15% surplus. Cattle condition 1% poor, 7% fair, 70% good, 22% excellent. Sheep condition 5% fair, 65% good, 30% excellent. Dry weather across the state helped in furthering the progress of late season planting, the cutting of hay, and crop progress in several commodities.

**TENNESSEE:** Days suitable for fieldwork 6. Topsoil moisture 9% very short, 29% short, 60% adequate, 2% surplus. Subsoil moisture 8% very short, 27% short, 63% adequate, 2% surplus. Wheat 96% ripe, 99% 2007, 96% avg.; 66% harvested, 84% 2007, 64% avg.; 1% very poor, 1% poor, 12% fair, 55% good, 31% excellent. Tobacco 93% transplanted, 93% 2007, 91% avg.; 1% poor, 21% fair, 65% good, 13% excellent. Hay 96% first cutting, 99% 2007, 93% avg.; 1% very poor, 6% poor, 28% fair, 52% good, 13% excellent. Pastures 2% very poor, 11% poor, 26% fair, 51% good, 10% excellent. Warm, dry conditions across the State last week aided farmers in making excellent progress with wheat and hay harvest. Virtually all of the State's tobacco has been transplanted, with little to no disease problems being reported. Temperatures across the State last week averaged 2 to 5 degrees

below normal with precipitation averaging below normal as well.

**TEXAS:** Top soil moisture was mostly very short to short across the state. Corn condition was mostly fair to good statewide. Cotton condition was mostly fair to good statewide. Peanuts condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Wheat condition was mostly very poor to poor statewide. Oat condition was mostly fair to good statewide. Range and pasture condition was mostly poor to fair statewide. Wheat harvest continued in most of the Panhandle, while wheat harvest neared completion in most of the Cross Timbers and the Blacklands. Hail and wind caused some damage in cotton across parts of the Plains. Corn irrigation continued in the Northern High Plains. Sorghum planting was underway in the Northern High Plains. Blackberry and blueberry harvest continued in North East Texas. Onions continued to be harvested in the Trans-Pecos. Irrigation of cabbage and harvesting of potatoes continued in South Texas. Supplemental feeding of livestock continued in some parts of the state due to the limited forage, high temperatures, and lack of rain.

**UTAH:** Days suitable for field work 7. Subsoil moisture 2% very short, 25% short, 73% adequate, 0% surplus. Winter Wheat 80% headed, 95% 2007, 95% avg. Spring Wheat 37% headed, 67% 2007, 56% avg. Barley 60% headed, 82% 2007, 68% avg.; Condition 0% very poor, 0% poor, 5% fair, 78% good, 17% excellent. Oats 42% headed, 51% 2007, 43% avg.; harvested for Hay or Silage 21%. Corn height 12 inches, 19 inches 2007, 15 inches avg. Alfalfa height 23%, 26% 2007, 23% avg. Alfalfa Hay 1st Cutting 66%, 91% 2007, 88% avg. Other Hay Cut 35%, 57% 2007, 47% avg. Dry Beans, Planted 100%, 100% 2007, 94% avg. Cattle and calves moved To Summer Range 91%, 91% 2007, 89% avg. Cattle and calves condition 0% very poor, 1% poor, 17% fair, 74% good, 8% excellent. Sheep and lambs moved To Summer Range 87%, 92% 2007, 87% avg. Sheep Condition 0% very poor, 0% poor, 12% fair, 84% good, 4% excellent. Stock Water Supplies 0% very short, 9% short, 91% adequate, 0% surplus. Pears, Full Bloom Or Past 100%, 100% 2007. This week counties faced the warmest days of the year. Crops continue to progress while livestock are doing well. Box Elder reports livestock producers have moved animals to the summer ranges but are very concerned about high feed costs and high fuel costs. Cache County reports livestock producers continue to enjoy an abundance of feed in pastures and on rangeland. Cooler spring temperatures with timely rains have made for impressive growth of grasses. Producers are now beginning the harvest of meadow grasses, mainly for beef cattle and dry dairy cows. Iron County reports mountain ranges have been slow to green up delaying movement of livestock to these ranges. Box Elder reports dryland wheat is showing signs of stress from warmer temperatures and little rain. Corn has turned to a deep green color instead of yellow caused by the cold temperatures early. The first crop of alfalfa has been cut. The onion crop varies from very good stands to poor stands due to germination problems (dry soil). Some stands in the Thatcher / Bothwell area were damaged by hail in May. The safflower planted this year doesn't look very good due to the poor soil moisture and cold temperatures which caused poor germination. Cache County reports farmers have enjoyed an ideal week for harvesting first crop alfalfa. The quality is excellent and yields are also quite good. There was some evidence of alfalfa weevil damage, but nothing major. Small grains continue to do well. Cereal leaf beetle populations are still a major concern within the county. Corn is responding nicely to the hotter weather and most safflower fields are looking good. Irrigation waters within the county are adequate. Beaver County reports that 1st crop haying is going well. Some producers have cut 1st crop hay although it is short due to cold weather, other producers have delayed 1st cutting hoping hay will mature. Most producers have had severe insect problems in 1st crop. Morgan County reports farmers are cutting first crop hay and range forage is finally looking good.

**VIRGINIA:** Days suitable for fieldwork 6.0. Topsoil moisture 9% very short, 31% short, 57% adequate, 3% surplus. Subsoil moisture 6% very short, 29% short, 62% adequate, 3% surplus. Pasture 2% very poor, 9% poor, 29% fair, 48% good, 12% excellent. Livestock 2% poor, 13% fair, 64% good, 21% excellent. Other Hay 4% poor, 25% fair, 54% good, 17% excellent. Alfalfa Hay 4% poor, 31% fair, 54% good, 11% excellent. Corn 8% silked; 9% 2007; 8% avg.; condition 1% very poor, 6% poor, 25% fair, 51% good, 17% excellent. Soybeans 76% planted; 67% 2007; 65% avg.; 63% emerged; 57% 2007; 55% avg.; condition 1% very poor, 5% poor, 26% fair, 63% good, 5% excellent. Winter Wheat 48% harvested; 31% 2007; 28% avg.; condition 1% poor, 9% fair, 68% good, 22% excellent. Barley 87% harvested; 70% 2007; 64% avg. Flue-cured Tobacco 5% poor, 22% fair, 64% good, 9% excellent. Burley Tobacco 1% poor, 31% fair, 63% good, 5% excellent. Dark Fire-

cured tobacco 73% fair, 26% good, 1% excellent. Peanuts 14% pegged; 8% 2007; 8% avg.; condition 14% fair, 85% good, 1% excellent. Cotton 2% squaring; 7% 2007; 22% avg.; condition 21% fair, 73% good, 6% excellent. Summer potatoes 25% harvested; 1% avg.; condition 25% fair, 40% good, 35% excellent. Apples All 23% fair, 61% good, 16% excellent. Peaches 24% fair, 63% good, 13% excellent. Grapes 1% poor, 2% fair, 90% good, 7% excellent. Oats 2% poor, 19% fair, 71% good, 8% excellent. Severe storms passed over the Commonwealth this week. Northern and central counties experienced hail damage on several hundred acres of crops, including corn, soybeans, and wheat. Damage assessments were in progress. Most of the south and west parts of the State received insufficient rainfall and continue to suffer from drought stress. Farmers whose fields received damage from the storm made plans to replant with soybeans. In areas unaffected by the storm, good progress was made on small grain harvests. Despite some lodging from rain showers, wheat yields are better than expected. Other farming activities included harvesting hay, planting pumpkins, harvesting blueberries, and thinning apples and peaches.

**WASHINGTON:** Days suitable for field work 6.6. Soil moisture 4% very short, 25% short, 67% adequate, 4% surplus. Moderate temperatures were reported in eastern grain growing counties. Many counties were still behind in moisture and the cooler temperatures were an asset as the heading of wheat and barley grains continued. Whitman County reported rainfall totals were near normal for June. Alfalfa growers continued to lay down their first cutting. Timing was two weeks late and quality appeared to be off, given the lateness of the cutting due to cool conditions. On the west side, cannery pea fields looked good and Christmas tree growers reported twig aphid infestations in Grand fir. In the Yakima Valley, final estimates of the cherry harvest size reduction due to the April freeze were not yet available, but conditions were ideal for the reduced cherry harvest and work was progressing. Apples were progressing nicely with fruit size in the lower Yakima Valley between 45 to 55 mm diameter. Hops are cresting the top wires of trellis systems. Snohomish County reported raspberry bloom was ending. Strawberry harvest was late but expected to start soon. Honey flow for blackberries was expected to start soon. Harvest is expected to be delayed. Range and pasture conditions 1% very poor, 17% poor, 45% fair and 37% good. On the east side, Walla Walla County reported some high mountain pastures still had snow, preventing cattle from being turned out to pasture. Counties at lower elevations were driving cattle to mountain pastures. Shellfish growers continued harvesting oysters and clams but were concerned with potential seed shortages due to a new bacterial disease that has plagued West Coast hatcheries.

**WEST VIRGINIA:** Days suitable for field work 4. Topsoil moisture 2% short, 90% adequate, 8% surplus compared with 23% very short, 48% short, 29% adequate last year. Hay and roughage supplies 15% short, 82% adequate, 3% surplus compared with 5% very short, 29% short, 66% adequate last year. Feed grain supplies 2% very short, 15%

short, 83% adequate compared with 7% short, 92% adequate, 1% surplus this time last year. Corn conditions 1% very poor, 3% poor, 19% fair, 77% good, 88% emerged, 95% in 2007, 87% 5-yr avg. Soybean conditions 7% fair, 92% good and 1% excellent; 82% planted, 97% 2007, 86% 5-yr avg.; 70% emerged, 87% 2007, 78% 5-yr avg. Winter wheat conditions 9% poor, 29% fair, 57% good, 5% excellent; 97% headed, 98% 2007, 5-yr avg. not available. Winter wheat 6% harvested, 2007 & 5-yr avg. not available. Oat conditions 33% fair, 58% good, 9% excellent; 52% headed, 73% 2007, 46% 5-yr avg. Hay 3% poor, 37% fair, 55% good, 5% excellent. Hay first cutting 54% complete, 68% in 2007, 50% 5-yr avg. Apple conditions reported 8% poor, 75% fair, and 17% good. Peach conditions were reported 79% fair and 21% good. Cattle and calves 1% poor, 15% fair, 83% good and 1% excellent. Sheep and lambs 1% poor, 11% fair, 83% good and 5% excellent. Farming activities included: making hay, planting soybeans, plowing fields, harvesting strawberries and equipment maintenance. Much of the state experienced heavy rainfall delaying hay making.

**WISCONSIN:** Days suitable for fieldwork 5.6. Topsoil moisture 0% very short, 3% short, 77% adequate, 20% surplus. Temperatures ranged from 0 to 3 degrees below normal. Average high temperatures ranged from 76 to 80 degrees across the state. Lows averaged from 50 to 57 degrees for the week. Precipitation ranged from 0.02 inches in Madison to 0.44 inches in Eau Claire. Corn 99% emerged, and average corn height was 15 inches. Soybeans 96% planted, 92% emerged. Oats 31% headed. First cutting hay was 71 percent harvested. Rains held off for the most part this past week, helping some areas dry up. The dry weather allowed hay harvest to progress nicely with growers seeing average to above average yields.

**WYOMING:** Days suitable for fieldwork 6.7. Topsoil moisture 11% short, 87% adequate, 2% surplus. Subsoil moisture 15% very short, 16% short, 68% adequate, 1% surplus. Stock water supplies 5% short, 93% adequate, 2% surplus. Winter wheat 71% headed, 61% previous week, 94% 2007, 94% avg.; condition 1% poor, 39% fair, 58% good, 2% excellent. Barley 15% headed, 7% previous week, 46% 2007, 47% avg.; condition 4% poor, 19% fair, 77% good. Oats 16% headed, 10% previous week, 24% 2007, 21% avg.; condition 1% poor, 30% fair, 69% good. Spring Wheat 5% headed, 2% previous week, 18% 2007, 24% avg.; condition 38% fair, 61% good, 1% excellent. Corn 89% emerged, 81% previous week, 97% 2007, 98% avg.; 6 inches average height; condition 22% fair, 78% good. Range and pasture conditions 3% poor, 25% fair, 58% good, 14% excellent. The temperatures were mostly warm with limited moisture from thunderstorms. Big Horn county reported some small hail. Platte county reported hail damage in the area of north Highway 26 to Glendo. Crop progress is improving due to favorable weather conditions. Activities preparations for hay harvest, shearing range sheep, branding and moving livestock.