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ALABAMA: Days suitable for fieldwork 6.2. Topsoil moisture 16% very short, 39% short, 45% adequate, 0% surplus. Corn condition 10% very poor, 17% poor, 30% fair, 38% good, 5% excellent; 90% silked, 80% 2007, 83% avg.; dough stage 44%, 15% 2007, 32% avg.; 7% dented, 9% 2007, 13% avg.; 0% mature, 5% 2007, 3% avg.; 0% harvested, 2% 2007, 2% avg. Soybean condition 0% very poor, 15% poor, 37% fair, 46% good, 2% excellent; 96% planted, 98% 2007, 94% avg.; 89% emerged, 88% 2007, 87% avg.; 27% blooming, 27% 2007, 18% avg.; 7% setting pods, 5% 2007, 4% avg. Livestock condition 0% very poor, 12% poor, 26% fair, 55% good, 7% excellent. Pasture and range condition 6% very poor, 14% poor, 41% fair, 37% good, 2% excellent. Crops and pastureland benefited tremendously from the recent rain showers that fell in some locations during the past week. Average temperatures during the past week were below normal at most reporting weather stations. All weather stations reported receiving precipitation during the past week. Year-to-date precipitation totals were below normal at all but three weather stations. Pasture conditions in areas of the state that had not received any rainfall declined during the past week. Some producers were harvesting a second cutting of hay. Overall, the state's livestock were reported in mostly good to excellent condition. Some producers continued to cull older cattle to reduce the amount of feedstuffs being consumed.

ALASKA: Days suitable for fieldwork 5.0. Topsoil moisture 10% short, 90% adequate. Subsoil moisture 15% short, 85% adequate. Barley 30% headed, Condition 30% fair, 50% good, 20% excellent. Oats 15% headed, Condition 25% fair, 60% good, 15% excellent. Potatoes 95% emerged. Hay harvest 35% complete. Hay condition 10% poor, 20% fair, 60% good, 10% excellent. Crop growth was rated 65% moderate, 35% rapid. Wind or rain damage to crops was reported as 99% none, 1% light. The main farm activities for the week were harvesting hay, irrigation, weed control, general maintenance.

ARIZONA: Temperatures were above normal across the State for the week ending July 6, ranging from 2 to 9 degrees above normal. Precipitation was reported at 13 of the 22 reporting stations. There is only one reporting station with above normal precipitation for the year to date. Cotton squaring is 70 percent complete, 10 percentage points below the five year average. Thirty-eight percent of the cotton acreage has set bolls. Cotton condition in the State varies from fair to excellent. Small grain harvest is at least 66 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 9% very short, 24% short, 60% adequate, 7% surplus. Subsoil moisture 8% very short, 23% short, 62% adequate, 7% surplus. Corn 83% silked, 94% 2007, 94% avg.; 12% dough, 39% 2007, 25% avg.; condition 4% poor, 25% fair, 53% good, 18% excellent. Soybeans 96% planted, 100% 2007, 98% avg.; 4% setting pods, 14% 2007, 9% avg. Corn silked increased 22% by the end of the week but was still 11% behind both 2007 and the 5-year average. By the end of the week, corn in the dough stage was 27% behind last year and 13% behind the 5-year average. The cotton crop made significant progress as 20% of the crop was squaring last week. Setting bolls was 32% behind 2007 and 23% behind the 5-year average. Sorghum headed was more than a week behind last year and the 5-year average. Soybean farmers planted an additional 6% of their crop last week. Soybean crop emergence was 9% behind 2007 and 7% behind the 5-year average. Soybeans blooming was 13% behind last year and 5% behind the 5-year average. Some soybeans were setting pods. Producers applied pesticides to corn, rice, and soybeans and irrigated all of the spring row crops. Rice producers applied fertilizer to their crop last week. The

crops were in mostly fair to good condition. Winter wheat harvest neared completion as producers harvested an additional 2% of the crop by the end of last week. Farmers' harvest of other crops included fruits and vegetables like peaches, blackberries, and tomatoes. The condition of livestock remained fair to good. Pasture and range and hay crops were reported in mostly fair to good condition. Producers fertilized some pasture and hay fields.

CALIFORNIA: Winter wheat harvest continued. Some corn for silage was still being planted while other fields progressed well. Planting, weed spraying of corn for silage continued to wind down. Safflower fields still remained in full bloom. Alfalfa harvest was progressing, while increased temperatures were causing the crop to grow at a rapid pace. The fourth cutting of alfalfa continued. Dry lima bean, blackeye bean planting was complete. Spring sugar beet harvest was almost complete while fall sugar beets continued to be irrigated, treated with insecticides. Cotton was growing well, was being irrigated, cultivated, side-dressed with pesticides. Rice fields were progressing nicely with early planted fields being treated to control weeds. Irrigation activities increased due to the warm weather. Mildew pressure continued to be low given the dry season. In a few areas of the State, grape harvest had begun. The Red Flame variety was being picked in Kern County. The following stone fruit varieties were picked Castlebrite, Poppy, Robada, Tasty Rich apricots; Brittany Lane, Diamond Princess, Earlirich, Early Saturn, Elegant Lady, Galaxy, Ivory Princess, June Flame, July Flame, Magenta Queen, Rich Lady, Snow Angel, Snow Angel, Spring Flame, Spring Snow, Spring Treat, Sweet Kay, Sweet Sun, Summer Flame, Vista, Vista Gem peaches; Black Amber, Black Beaut, Black Splendor, Catalina, Owen T, Red Beaut, Ruby Red, Ruby Rosa, Sugar Drop, Yummy Beaut plums; Dapple Supreme, Honey Red Dino plums; Diamond Bright, Diamond Ray, Diamond Pearl, Candy Pearl, Grand Bright, Grand Pearl, Grand Sweet, Honey Fire, June Pearl, Red Bright, Red Diamond, Red Jewel, Red Roy, Ruby Diamond, Spring Bright, Sunny Gun nectarines. Figs were also harvested. Persimmons were thinned. Spring harvests of boysenberries, blueberries were winding down. Valencia orange harvest was slow. Navel harvest was finished for the season. Lemons, grapefruit were also harvested. Olives continued to form fruit. Nut fruits were developing normally. A few almonds were starting to open pods. Some almond groves were sprayed for mites, worms. Walnuts were sprayed for codling moth. Growers were planting more almond, pistachio acres in Kern County. Growers in the Imperial Valley have completed melon harvest. Several fields of fresh market onions have been disked under because the market price will not cover harvest costs. Processing tomatoes were growing as well as could be expected. Producers were hoping for deliverable water. In southern San Joaquin Valley, harvest of tomatoes, squash, peppers, okra, cucumbers, and Oriental vegetables continued. Irrigation applications have increased due to the warmer weather with growers unsure how far the water will stretch. Some fields may go untended. In central San Joaquin Valley, commercial tomato harvest has begun as well as watermelon harvest on the west side of the valley. Transplanting of bell peppers, commercial tomatoes and melons continued. Cucumbers, peppers, summer squash, assorted vegetables continued to be harvested. Sweet corn was progressing normally for a late June harvest. Garlic continued to be dried for harvest. Farmers market oriental crops continued to be harvested. In northern San Joaquin Valley planting continued to wind down for fresh market tomato, bell peppers, freezer bean, cantaloupe, watermelon, honeydew melons. Current vegetables harvested were lettuce, carrots. 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, summer squash, sweet

corn, artichokes. Tomatoes, beans, zucchini squash acreage was reduced due to lack of deliverable water. Heat has increased the presence of insects, army worms with insecticide application ongoing in many fields. Fire hazards remained, the effects of extremely poor grazing conditions continued. Cattle continued to be shipped, sold, placed out of state. Supplemental feeding of hay, other nutrients was a necessity. Sheep were grazing on idle farmland, dry land grain fields, some rangelands in the central part of the state. Honeybees remained active in melon, squash, cucumber, sunflower, safflower, early vine-seed fields. Some hives remained in holding areas. Leafcutter bees were prepared for placement in seed alfalfa fields.

COLORADO: Days suitable for fieldwork 6.0. Topsoil moisture 26% very short, 38% short, 36% adequate. Subsoil moisture 35% very short, 42% short, 23% adequate. Spring barley 81% headed, 80% 2007, 91% avg.; 11% turning color, 24% 2007, 25% avg.; condition 1% very poor, 6% poor, 31% fair, 45% good, 17% excellent. Dry onions condition 4% very poor, 4% poor, 29% fair, 40% good, 23% excellent. Sugarbeets condition 4% very poor, 5% poor, 18% fair, 44% good 29% excellent. Summer potatoes 96% emerged, 100% 2007, 98% avg.; condition 10% poor, 30% fair, 45% good, 15% excellent. Fall potatoes 99% emerged, 100% 2007, 98% avg.; condition 5% poor, 32% fair, 50% good, 13% excellent. Dry Beans 85% planted, 100% 2007, 100% avg.; 67% emerged, 90% 2007, 96% avg.; 6% flowered, 8% 2007, 3% avg.; condition 2% very poor, 2% poor, 15% fair, 69% good 12% excellent. Spring wheat 66% headed, 70% 2007, 84% avg.; 7% turning color, 14% 2007, 19% avg.; condition 2% very poor, 9% poor, 34% fair, 41% good, 14% excellent. Winter wheat 64% ripe, 80% 2007, 78% avg. Sorghum 66% emerged, 93% 2007, 94% avg. Alfalfa 95% 1st cutting, 97% 2007, 93% avg.; 15% 2nd cutting, 27% 2007, 15% avg.; condition 4% very poor, 12% poor, 26% fair, 43% good, 15% excellent. Drought conditions still prevail in much of the state but the warmer temperatures are helping the development of many crops.

DELAWARE: Days suitable for fieldwork 4.7. Topsoil moisture 14% very short, 28% short, 56% adequate, 2% surplus. Subsoil moisture 3% very short, 41% short, 55% adequate, 1% surplus. Hay supplies 0% very short, 10% short, 79% adequate, 11% surplus. Other Hay 2nd cutting 62%, 73% 2007, 53% avg. Alfalfa Hay 2nd cutting 75%, 93% 2007, 70% avg. Pasture condition 2% very poor, 8% poor, 44% fair, 43% good, 3% excellent. Corn condition 3% very poor, 13% poor, 47% fair, 27% good, 10% excellent. Soybean condition 1% very poor, 8% poor, 55% fair, 29% good, 7% excellent. Apple condition 0% very poor, 2% poor, 13% fair, 74% good, 11% excellent. Peach condition 0% very poor, 1% poor, 10% fair, 65% good, 24% excellent. Corn progress silked 12%, 28% 2007, 33% avg. Corn dough 0%, 6% 2007, 3% avg. Soybeans 81% planted, 92% 2007, 88% avg. Soybeans 75% emerged, 71% 2007, 86% avg. Soybeans blooming 2%, 4% 2007, 3% avg. Barley 94% harvested, 99% 2007, 95% avg. Winter wheat 65% harvested, 77% 2007, 62% avg. Cantaloupes 2% harvested, 4% 2007, 4% avg. Cucumbers 12% harvested, 1% 2007, 8% avg. Green Peas 84% harvested, 98% 2007, 94% avg. Lima Beans 0% harvested, 0% 2007, 1% avg. Potatoes 1% harvested, 1% 2007, 3% avg. Snap beans 5% harvested, 19% 2007, 19% avg. Sweet Corn 4% harvested, 13% 2007, 7% avg. Tomatoes 3% harvested, 0% 2007, 2% avg. Watermelons 3% harvested, 5% 2007, 5% avg. Peaches 5% harvested, 9% 2007, 7% avg. Despite beneficial rains, some fields are still showing signs of stress due to dry conditions in both Maryland and Delaware.

FLORIDA: Topsoil moisture 1% very short, 20% short, 69% adequate, 10% surplus. Subsoil moisture 7% very short, 37% short, 55% adequate, 1% surplus. Peanuts 53% pegged, 37% 2007, 55% 5-yr avg. Soil moisture mostly short to adequate, Panhandle, Big Bend areas; adequate, central, southern Peninsulas. Vegetable movement slowed most areas. Watermelon, tomatoes, okra were marketed last week. Hot, wet weather assisted citrus growth of foliage, new fruit. Next year's fruit progressing well, oranges golf ball size, grapefruit baseball size. Production practices on schedule, included heavy summer spraying, Psyllids control. Harvest winding down; few Valencias remain, mostly in southern areas. Processing expected to last one more week. Small amounts of fresh squeeze juice will continue into August. Grapefruit utilization nearly over with a few hundred boxes of red varieties continuing to be processed each week. Honey tangerine harvest completed the season. Pasture Feed 5% poor, 40% fair, 50% good, 5% excellent. Cattle Condition 5% poor, 40% fair, 50% good, 5% excellent. Panhandle, north pasture condition poor to excellent; most Escambia, Santa Rosa counties' pasture condition poor due to drought earlier in 2008. Most cattle fair to excellent condition. Central pasture condition poor to excellent; thunderstorms benefitted pasture,

rangeland in St. Johns County. Cattle condition poor to excellent. Southwest pasture, range condition poor to excellent. Pasture condition markedly improved due to rainfall of past two weeks. Cattle condition poor to good. Statewide cattle condition poor to excellent, most good.

GEORGIA: Days suitable for fieldwork 6. Topsoil moisture 25% very short, 38% short, 35% adequate, 2% surplus. Corn 93% silked, 89% 2007, 91% avg.; 56% dough, 54% 2007, 60% avg.; 18% dent, 17% 2007, 20% avg.; 4% very poor, 18% poor, 38% fair, 31% good, 9% excellent. Soybeans 97% planted, 93% 2007, 97% avg.; 88% emerged, 86% 2007, 92% avg.; 10% blooming, 6% 2007, 18% avg.; 5% very poor, 21% poor, 49% fair, 23% good, 2% excellent. Sorghum 83% planted, 88% 2007, 91% avg.; 4% very poor, 15% poor, 45% fair, 35% good, 1% excellent. Apples 0% very poor, 4% poor, 17% fair, 27% good, 52% excellent. Hay 17% very poor, 26% poor, 39% fair, 16% good, 2% excellent. Pecans 0% very poor, 8% poor, 43% fair, 44% good, 5% excellent. Tobacco 0% very poor, 7% poor, 34% fair, 46% good, 13% excellent. Peaches 57% harvested, 65% 2007, 56% avg. Peanuts 75% blooming, 56% 2007, 76% avg. Tobacco 5% harvested, 7% 2007, 9% avg. Watermelons 63% harvested, 66% 2007, 65% avg. Rain helped prevent further declines in soil moisture condition. More rain will be needed to end drought conditions. Corn and hayfields suffered from lack of moisture. In some areas, land was very dry causing hay and row crops to wilt. Some farmers expect reduced yields due to drought conditions and insect damage on corn. Other activities included controlling weeds in cotton, applying fungicides to peanuts and fertilizer to tobacco. County Extension Agents reported an average of 6.0 days suitable for fieldwork.

HAWAII: Days suitable for fieldwork 7. Soil moisture was adequate in most areas; windward areas received a boost from showers. Banana fields were in fair to good condition. Banana Bunchy Top disease continued to be a problem on Oahu and the Big Island. Papaya orchards were also in fair to good condition. Flowering remained active. Head cabbage was in fair to good condition. Adequate irrigation and sunny skies aided growth and quality of harvested heads. Sweet corn fields were in generally good condition due to the dry weather and adequate irrigation. Dry onions were in fair to good condition. The spell of current dry weather has not had a detrimental effect on the crop. Light to non-existent winds produced humid conditions during the early days of the week. As a result, fieldwork was uncomfortable for many farmers. An out-of-season cold front brought moderate showers to windward areas of Kauai, Oahu, and Maui on Tuesday. These moderate showers were a welcomed relief for non-irrigated crops. Trade winds began to build at mid-week and strengthen as the week progressed. Some windward areas continued to receive showers from the remnants of the old cold front. Temperatures were warming with daily record highs broken or tied in Hilo and Honolulu during the week. All existing water conservation measures, both voluntary and mandatory, remained in effect.

IDAHO: Days suitable for field work 6.9. Topsoil moisture 6% very short, 35% short, 58% adequate, 1% surplus. Winter wheat turning color 7%, 47% 2007, 35% avg.; 96% headed, 100% 2007, 97% avg.; condition 0% very poor, 1% poor, 8% fair, 78% good, 13% excellent. Spring wheat jointed 96%, 100% 2007, 98% avg.; boot stage 72%, 97% 2007, 91% avg. Barley jointed 97%, 98% 2007, 98% avg.; boot stage 72%, 90% 2007, 86% avg. Potato condition 0% very poor, 1% poor, 13% fair, 80% good, 6% excellent; 12 inches high 59%, 89% 2007, 82% avg.; closing middles 11%, 50% 2007, 45% avg. Dry beans 99% emerged, 100% 2007, 100% avg. Cherries 30% harvested, 49% 2007, 67% avg. Alfalfa hay 1st cutting harvested 81%, 96% 2007, 92% avg.; 2nd cutting harvested 6%, 23% 2007, 20% avg. Irrigation water supply 0% very poor, 4% poor, 22% fair, 64% good, 10% excellent. Spring wheat and barley are essentially finished with the jointed stage. Winter wheat is estimated at 96% headed. Twin Falls extension educator reported the weather has been hot and dry. He also stated that corn has made significant gains in the last week. The Payette County extension educator reported that the apple and pear crop has some fire blight infestations, but other than that the crop looks good. The Elmore County extension educator reported that pasture dry lands are drying fast and ranchers are concerned about feed supply.

ILLINOIS: Days suitable for fieldwork 5.5. Topsoil moisture 1% very short, 14% short, 73% adequate, 12% surplus. Oats filled 90%, 96% 2007, 88% avg.; turning yellow 36%, 69% 2007, 59% avg.; ripe 9%, 28% 2007, 25% avg. Alfalfa hay, second cutting 36%, 63% 2007, 62% avg.; 1% very poor 3% poor, 24% fair, 54% good, 18% excellent. Red Clover cut 90%, 92% 2007, 95% avg. Corn height 47 inches, 72 inches 2007, 63 inches avg.; 2% very poor, 7% poor, 28% fair, 47% good,

16% excellent. Soybeans setting pods 1%, 4% 2007, 3% avg.; 2% very poor, 8% poor, 34% fair, 48% good, 8% excellent. Weather conditions this past week were drier, which allowed producers to finish up planting throughout most of the state. Rain in the southern part of the state brought more standing water to already soaked fields, but many have been able to get into fields in order to spray or mow. Others were able to get into fields in order to begin spraying. Favorable weather conditions allowed for a 12 inch growth in corn at 47 inches, still below the 2007 reported number of 72 inches. The average weekly temperature was 4.6 degrees below normal.

INDIANA: Days suitable for fieldwork 4.9. Topsoil moisture 1% very short, 6% short, 75% adequate, 18% surplus. Subsoil moisture 1% very short, 4% short, 71% adequate, 24% surplus. Corn condition 4% very poor, 10% poor, 25% fair, 47% good, 14% excellent. Soybeans 97% emerged, 99% 2007, 99% avg.; blooming 5%, 30% 2007, 22% avg.; condition 4% very poor, 9% poor, 29% fair, 47% good, 11% excellent. Winter Wheat 38% harvested, 76% 2007, 67% avg.; condition 2% very poor, 4% poor, 17% fair, 52% good, 25% excellent. Alfalfa second cutting 20% complete, 54% 2007, 39% avg. Pasture condition 2% very poor, 6% poor, 24% fair, 45% good, 23% excellent. Average temperatures ranged from 40 to 90 below normal with a high of 90o and low of 45o. Precipitation averaged from 0.10 inches to 3.19 inches. The corn crop has experienced tremendous growth in the last two weeks due to drying soils, sunshine and warm temperatures. Development is very uneven across many corn fields. Replanting of soybeans continued in areas that were flooded in early June. Farmers are being encouraged to visit their local Farm Service Agency (FSA) office to see if they qualify for flood relief. Livestock are in mostly good condition with very little stress due to favorable weather and adequate pasture conditions. Major activities during the week included attending county fairs, spraying herbicides, baling hay and straw, mowing roadsides and ditches, hauling grain to market and tending to livestock.

IOWA: Days suitable for fieldwork 6.0. Topsoil moisture 0% very short, 5% short, 76% adequate, 19% surplus. Subsoil moisture 0% very short, 1% short, 68% adequate, 31% surplus. Oats 86% headed, 24% turning color, condition 3% very poor, 7% poor, 32% fair, 50% good, 8% excellent. Corn condition 3% very poor, 10% poor, 30% fair, 45% good, 12% excellent. Soybeans 96% emerged, 15% are blooming, condition 3% very poor, 9% poor, 31% fair, 47% good, 10% excellent. First cutting of alfalfa is 92% completed. Hay condition 1% very poor, 8% poor, 31% fair, 49% good, 11% excellent. Pasture condition 1% very poor, 5% poor, 27% fair, 51% good, 16% excellent. Dry, sunny weather allowed farmers to replant and spray crops. Crops continue to rebound in the favorable weather conditions.

KANSAS: Days suitable for field work 6.2. Topsoil moisture 5% very short, 23% short, 68% adequate, 4% surplus. Subsoil moisture 5% very short, 16% short, 73% adequate, 6% surplus. Wheat 79% harvest complete, 75% in 2007, 96% for the 5-yr avg.; condition 7% very poor, 13% poor, 31% fair, 37% good, 12% excellent. Sorghum 87% emerged, 90% in 2007, 86% 5-yr avg. Sunflowers 74% emerged, 65% 2007, 82% 5-yr avg.; condition 2% poor, 37% fair, 57% good, 4% excellent. Second cutting of alfalfa is 68% completed, 60% in 2007, 73% avg. Feed grain supplies 3% very short, 9% short, 87% adequate, 1% surplus. Hay and forage supplies 1% very short, 7% short, 86% adequate, 6% surplus. Stock water supplies 1% very short, 7% short, 85% adequate, 7% surplus. Primary farm activity involved herbicide spraying on row crops, wheat harvest, cutting hay, and planting sorghum, sunflowers and double cropped soybeans.

KENTUCKY: Days suitable for fieldwork 5.3. Topsoil moisture 9% very short, 27% short, 61% adequate, 3% surplus. Subsoil moisture 8% very short, 25% short, 63% adequate, 4% surplus. Tobacco height less than 12 in. 46%, 12-24 in. 36%, more than 24 in. 18%. Tobacco set condition 4% poor, 26% fair, 51% good, 19% excellent. Pasture condition 2% very poor, 9% poor, 37% fair, 41% good, 11% excellent. Hay crop condition 3% very poor, 9% poor, 30% fair, 45% good, 13% excellent.

LOUISIANA: Days suitable for fieldwork 5.7. Soil moisture 10% very short, 34% short, 48% adequate, 8% surplus. Corn 100% silked, 100% 2007, 100% avg.; 80% dough, 76% 2007, 67% avg.; 2% mature, 9% 2007, 7% avg.; 2% very poor, 5% poor, 38% fair, 49% good, 6% excellent. Cotton 100% emerged, 100% 2007, 100% avg.; 82% squaring, 91% 2007, 91% avg.; 42% setting bolls, 35% 2007, 40% avg.; 3% poor, 42% fair, 53% good, 2% excellent. Hay 95% first cutting, 96% 2007, 93% avg.; 36% second cutting, 28% 2007, 17% average. Peaches 73% harvested, 56% 2007, 60% avg. Rice 39% headed, 48% 2007, 47% avg.; 1% poor, 25% fair, 66% good, 8% excellent. Sorghum 100% planted, 100% 2007, 100% avg.; 100% emerged, 100% 2007, 100% avg.; 86% headed, 80% 2007, 66% avg.;

20% turning color, 14% 2007, 12% avg.; 3% poor, 39% fair, 53% good, 5% excellent. Soybeans 99% emerged, 100% 2007, 96% avg.; 59% blooming, 82% 2007, 64% avg.; 35% setting pods, 58% 2007, 43% avg.; 3% very poor, 8% poor, 39% fair, 44% good, 6% excellent. Sweet Potatoes 98 planted, 99% 2007, 92% average. Sugarcane 1% very poor, 5% poor, 22% fair, 43% good, 29% excellent. Livestock 1% very poor, 7% poor, 34% fair, 50% good, 8% excellent. Vegetable 5% very poor, 12% poor, 40% fair, 39% good, 4% excellent. Range and pasture 3% very poor, 11% poor, 42% fair, 37% good, and 7% excellent.

MARYLAND: Days suitable for fieldwork 5.3. Topsoil moisture 6% very short, 17% short, 74% adequate, 3% surplus. Subsoil moisture 6% very short, 10% short, 83% adequate, 1% surplus. Hay supplies 0% very short, 11% short, 78% adequate, 11% surplus. Other Hay 2nd cutting 22%, 44% 2007, 41% avg. Alfalfa Hay 2nd cutting 55%, 87% 2007, 65% avg. Alfalfa Hay 3rd cutting 4%, 4% 2007, 4% avg. Pasture condition 2% very poor, 3% poor, 20% fair, 62% good, 13% excellent. Corn condition 5% very poor, 8% poor, 21% fair, 53% good, 13% excellent. Soybean condition 2% very poor, 6% poor, 27% fair, 60% good, 5% excellent. Apple condition 0% very poor, 0% poor, 2% fair, 94% good, 4% excellent. Peach condition 0% very poor, 0% poor, 7% fair, 76% good, 17% excellent. Corn Progress silked 16%, 29% 2007, 27% avg. Corn dough 0%, 1% 2007, 1% avg. Soybeans planted 90%, 94% 2007, 86% avg. Soybeans emerged 78%, 89% 2007, 95% avg. Soybeans blooming 3%, 2% 2007, 4% avg. Barley 85% harvested, 100% 2007, 93% avg. Winter wheat 61% harvested, 70% 2007, 58% avg. Cantaloupes 11% harvested, 9% 2007, 7% avg. Cucumbers 9% harvested, 0% 2007, 14% avg. Green Peas 99% harvested, 76% 2007, 92% avg. Lima Beans 10% harvested, 2% 2007, 10% avg. Potatoes 4% harvested, 4% 2007, 12% avg. Snap beans 15% harvested, 4% 2007, 15% avg. Sweet Corn 9% planted, 13% 2007, 10% avg. Tomatoes 8% harvested, 0% 2007, 6% avg. Watermelons 1% harvested, 4% 2007, 2% avg. Peaches 3% harvested, 6% 2007, 4% avg. Despite beneficial rains, some fields are still showing signs of stress due to dry conditions in both Maryland and Delaware.

MICHIGAN: Days suitable for fieldwork 5. Topsoil 2% very short, 6% short, 71% adequate, 21% surplus. Subsoil 2% very short, 11% short, 76% adequate, 11% surplus. Corn height 32 inches. Winter Wheat 1% very poor, 6% poor, 22% fair, 54% good, 17% excellent; turning 90%, 99% 2007, 87% avg. Barley 0% very poor, 1% poor, 11% fair, 85% good, 3% excellent. Oats 0% very poor, 4% poor, 23% fair, 55% good, 18% excellent; 89% headed, 89% 2007, 85% avg.; turning 10%, 22% 2007, 16% avg. All hay 1% very poor, 3% poor, 22% fair, 57% good, 17% excellent. First cutting hay 86%, 96% 2007, 92% avg.; cutting hay 17%, 23% 2007, 20% avg. Dry beans 4% very poor, 6% poor, 33% fair, 46% good, 11% excellent; 89% emerged, 99% 2007, 95% avg. Strawberries 80% harvested, 96% 2007, 89% avg. Blueberries 6% harvested. Tart cherries 7% harvested, 35% 2007, 24% avg. Precipitation varied from 0.21 inches northwestern Lower Peninsula to 2.26 inches southeastern Lower Peninsula. Average temperatures ranged from 5 degrees below normal west central, east central, south central and southeastern Lower Peninsula to 1 degree above normal eastern Upper Peninsula. Stormy weather experienced on July 2, which caused flooding and crop damage some fields, mainly affected southern part of State. Wind also made for unfavorable field activities. Corn condition varied throughout State this week. Most good condition while other locations needed rain. Soybeans condition varied. Growth of some stunted by excess moisture, while others good condition. Winter wheat quickly turning color. Many farmers reported that harvest expected to begin this week. Weather still did not cooperate with some alfalfa farmers who trying to get first cutting baled. Second cuttings looking very good. Dry beans emerged quickly this week. Oats for most part headed and just beginning to turn color. Majority of barley crop good condition. Sugarbeets also good condition. Apples continued to size nicely with most being range of 2.0 to 2.15-inches diameter. There have been a small percentage of large apples being dropped southeast, but for most part there a fair crop of apples across region. Apricots continued to grow. Harvest of early blueberries began last week and general harvest of early varieties will be full swing this week. There no reports of blueberry maggot catch southeast. Peaches 2.0 inches diameter southwest and southeast; pit hardening is ready to begin. Pears continued to progress well, despite large amounts of recent rainfall. Plums continued development and pits hard. Strawberry harvest completed southeast, but continued most areas. Southwest, strong storms Wednesday caused unharvested fruit to fall and there some tree loss tart cherries. There also fruit cracking sweet cherries due to heavy rain with hail damage as well. Raspberry harvest underway. The weather varied across most of State this past week with farmers having mixed reactions. Some believed it another dry week

with much needed rain, while others experienced severe storms. Celery planting continued, but slowed due to weather conditions. Squash and zucchini harvest continued. Some processing zucchini suffered from extra precipitation, and weed control is questionable some orchards. Asparagus harvest completed. Growers feel yields ahead of last year, but still behind a normal yield. There no reports of serious disease or insect pressure southwest. Snap beans have mostly emerged and growing well. Pumpkin plants still growing and seem to be unaffected. Cucumbers replanted on heavy soils. Harvest of processing peas completed most areas. Cabbage heads still developing, and farmers keeping a watchful eye on excess water which could cause heads to split.

MINNESOTA: Days suitable for fieldwork 6.3. Topsoil moisture 3% very short, 21% short, 72% adequate, 4% surplus. Spring Wheat 91% jointed, 100% 2007, 96% avg. Oats 94% jointed, 100% 2007, 97% avg. Barley 88% jointed, 99% 2007, 94% avg. Corn 34 in. height, 64 in. 2007, 46 in. avg. Soybeans 9 in. height, 17 in. 2007, 13 in. avg. Sweet Corn 99% planted, 100% 2007, 99% avg. Alfalfa 98% 1st cutting, 98% 2007, 96% avg.; condition 1% very poor, 8% poor, 22% fair, 54% good, 15% excellent. Pasture condition 2% very poor, 5% poor, 30% fair, 56% good, 7% excellent. Sugarbeet condition 1% very poor, 4% poor, 27% fair, 52% good, 16% excellent. Potatoes condition 5% poor, 13% fair, 53% good, 29% excellent. Canola condition 45% fair, 50% good, 5% excellent. Green Pea condition 1% very poor, 4% poor, 24% fair, 61% good, 10% excellent. Dry Bean condition 1% very poor, 6% poor, 39% fair, 46% good, 8% excellent. Sunflower condition 1% very poor, 5% poor, 31% fair, 50% good, 13% excellent. Producers harvested 11 percent of the state's first cutting alfalfa during the past week, virtually completing the first harvest of the crop. Warm, dry weather across the state aided small grains development with more than half of the crop reaching the heading stage. Producers were also able to finish planting sweet corn and continue spraying activities. The average temperature for the week was 67.7°, 1.1° below normal.

MISSISSIPPI: Days suitable for fieldwork 6.1. Soil moisture 22% very short, 44% short, 32% adequate, 2% surplus. Corn 95% silked, 99% 2007, 96% avg.; 57% dough, 74% 2007, 65% avg.; 4% dent, 32% 2007, 21% avg.; 4% very poor, 6% poor, 18% fair, 60% good, 12% excellent. Cotton 76% squaring, 94% 2007, 87% avg.; 22% setting bolls, 27% 2007, 35% avg.; 3% very poor, 5% poor, 30% fair, 59% good, 3% excellent. Peanuts 30% pegging, 38% 2007, avg.; 0% very poor, 0% poor, 0% fair, 96% good, 4% excellent. Rice 0% heading, 10% 2007, 10% avg.; 0% very poor, 2% poor, 14% fair, 69% good, 15% excellent. Sorghum 100% planted, 100% 2007, 100% avg.; 100% emerged, 100% 2007, 100% avg.; 51% heading, 73% 2007, 67% avg.; 0% turning color, 2% 2007, 3% avg.; 3% very poor, 4% poor, 21% fair, 63% good, 9% excellent. Soybeans 100% emerged, 100% 2007, 100% avg.; 77% blooming, 90% 2007, 84% avg.; 40% setting pods, 44% 2007, 57% avg.; 3% very poor, 9% poor, 31% fair, 52% good, 5% excellent. Winter Wheat 100% harvested, 100% 2007, 99% avg. Blueberries 1% very poor, 1% poor, 15% fair, 76% good, 7% excellent. Hay (harvested-warm) 56%, 36% 2007, 44% avg.; 6% very poor, 12% poor, 28% fair, 53% good, 1% excellent. Sweetpotatoes 94% planted, 94% 2007, 86% avg.; 0% very poor, 2% poor, 22% fair, 73% good, 3% excellent. Watermelons 68% harvested, 46% 2007, 51% avg.; 0% very poor, 1% poor, 1% fair, 97% good, 1% excellent. Abnormally dry weather conditions continue to plague the majority of the state. Although rainfall was recorded in some areas, it was not enough to declare a significant improvement in crop and pasture conditions. Fields are beginning to show signs of stress due to lack of moisture. Irrigation practices and fungicide sprayings of soybeans are in full swing.

MISSOURI: Days suitable for fieldwork 4.8. Topsoil moisture 1% very short, 10% short, 62% adequate, 27% surplus. Pasture condition 0% very poor, 4% poor, 24% fair, 63% good, 9% excellent. Drier weather allowed producers to return to the field to complete spring planting. Reporters in the north-central and west-central district were replanting corn and soybean. While the rest of the State welcomed the break from the rains, the south-central, southeast, and east-central districts need rain to revive soil moisture. Temperatures averaged 1 to 6 degrees below normal for the week. The State averaged 0.99 inches of rainfall for the week. The southeast district recorded the lowest average at 0.05 inches while the central district recorded the highest average at 1.52 inches, with Osage County receiving over 4 inches. Activities corn, soybean, sorghum planting; 2nd cutting alfalfa and other hay harvest; care of livestock.

MONTANA: Days suitable for field work 6.3. Topsoil moisture 8% very short, 9% last year, 40% short, 36% last year, 51% adequate, 50% last year, 1% surplus, 5% last year. Subsoil moisture 13% very

short, 8% last year, 36% short, 29% last year, 50% adequate, 59% last year, 1% surplus, 4% last year. Barley 86% boot, 95% last year, 47% headed, 71% last year. Barley condition 1% very poor, 6% last year, 4% poor, 13% last year, 34% fair, 19% last year, 49% good, 50% last year, 12% excellent, 12% last year. Oats 88% boot, 93% last year, 49% headed, 65% last year. Oats condition 3% very poor, 1% last year, 4% poor, 3% last year, 44% fair, 19% last year, 43% good, 65% last year, 6% excellent, 12% last year. Spring wheat 91% boot, 92% last year, 36% headed, 53% last year. Spring wheat condition 3% very poor, 4% last year, 7% poor, 9% last year, 28% fair, 20% last year, 56% good, 57% last year, 6% excellent, 10% last year. Winter wheat 99% boot stage, 100% last year, 94% headed, 100% last year, 9% turning, 60% last year. Winter wheat condition 1% very poor, 2% last year, 8% poor, 9% last year, 50% fair, 26% last year, 34% good, 46% last year, 7% excellent; 17% last year. Durum wheat 79% boot, 73% last year, 36% headed, 43% last year. Durum wheat condition 2% very poor, 2% last year, 23% poor, 3% last year, 32% fair, 25% last year, 39% good, 52% last year, 4% excellent; 18% last year. Dry peas 87% blooming, 88% last year. Lentils 66% blooming, 81% last year. The small grain crops are showing signs of stress from the heat and dry weather in the northeastern part of the state. Hail storms in the south central and southeast districts have affected crops with severe damage seen in some areas. Overall, the small grains are progressing slower than last year. Montana received light to moderate precipitation for the week ending July 6th. Kalispell received 0.48 of an inch on July 3rd, breaking the daily rainfall record of 0.44 of an inch set in 1990. Rogers Pass received 1.83 inches of moisture, the most during the week. Temperatures were above normal. Highs were mostly in the 90s, and lows were mostly in the 40s and 50s. Huntley had the high temperature at 103 degrees, and Ryegate had the low temperature at 34 degrees. Range and pasture feed condition 4% very poor, 4% last year, 11% poor, 7% last year, 31% fair, 25% last year, 38% good, 46% last year, 16% excellent, 18% last year.

NEBRASKA: Days suitable for fieldwork 6.3. Topsoil moisture 3% very short, 26% short, 66% adequate, 5% surplus. Subsoil moisture 5% very short, 17% short, 73% adequate, 5% surplus. Corn conditions 2% very poor, 4% poor, 22% fair, 55% good, 17% excellent; 1% silked, 20% 2007, 11% avg. Soybean conditions 2% very poor, 4% poor, 20% fair, 62% good, 12% excellent; 99% emerged, 100% 2007, 100% avg.; 8% blooming, 30% 2007, 27% avg. Sorghum conditions 0% very poor, 3% poor, 30% fair, 59% good, 8% excellent; 100% planted; 100% 2007; 100% avg.; 99% emerged, 100% 2007, 100% avg.; 0% headed, 0% 2007, 0% avg.; 0% turning color, 0% 2007, 0% avg. Wheat conditions 4% very poor, 8% poor, 27% fair, 52% good, 9% excellent; 96% turning color, 99% 2007, 98% avg.; 32% ripe, 69% 2007, 64% avg.; 6% harvested, 32% 2007, 36% avg. Proso Millet 96% planted, 100% 2007, 94% avg. Oats conditions 0% very poor, 2% poor, 16% fair, 58% good, 24% excellent; 95% headed, 99% 2007, 97% avg.; 0% harvested, 12% 2007, 11% avg. Dry Bean conditions 0% very poor, 5% poor, 43% fair, 52% good, 0% excellent; 96% emerged, 99% 2007, 99% avg.; 4% blooming, 10% 2007, 7% avg. Alfalfa conditions 1% very poor, 4% poor, 21% fair, 59% good, 15% excellent; 98% 1st cutting, 100% 2007, 100% avg.; 12% 2nd cutting, 47% 2007, 47% avg. Wild Hay conditions 0% very poor, 2% poor, 14% fair, 65% good, 19% excellent. Pasture and Range conditions 1% very poor, 5% poor, 20% fair, 53% good, and 21% excellent. Producers were finishing replanting, harvesting wheat and hay, cultivating, hilling corn, spraying weeds, and preparing to irrigate. Wheat harvest remains eight days behind last year and 10 days behind average. Many producers began irrigating as many fields were starting to dry out. For 13 of the last 14 weeks temperatures have been below normal, this week averaged 3 degrees below. Temperatures ranged from highs near 100 degrees in the Panhandle and southwest to lows in the upper 40's in the northern parts of the state. The only district to see measurable precipitation was the southeast, which averaged just over a half inch.

NEVADA: Days suitable for fieldwork 7. High temperatures continued through the week. Temperatures averaged two to eight degrees above normal across the state. The week's high temperatures ranged from 94 degrees in Ely to 110 degrees in Las Vegas. The week's low temperatures ranged from 44 degrees in Ely and Eureka to 83 degrees in Las Vegas. A trace amount of precipitation was recorded in Reno and Ely. Elko received the most precipitation with 0.01 inches. 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, harvest of hay, weed control and equipment maintenance.

NEW ENGLAND: Days suitable for field work 5.7. Topsoil moisture 11% short, 73% adequate, and 16% surplus. Subsoil moisture 9% short, 79% adequate, 12% surplus. Pasture condition 3% poor, 14% fair, 76% good, 7% excellent. Maine Potatoes 100% emerged, 100% 2007, 100% average; condition good/fair. Rhode Island Potatoes condition good/excellent. Massachusetts Potatoes condition good. Maine Oats: condition good. Maine Barley condition good. Field Corn 99% planted, 100% 2007, 99% average; 99% emerged, 99% 2007, 95% average; condition good/fair in Vermont, good/excellent in Rhode Island and good elsewhere. Sweet Corn 99% planted, 99% 2007, 95% average; 95% emerged, 95% 2007, 90% average; condition good/excellent in Rhode Island and good elsewhere. Shade Tobacco condition good. Broadleaf Tobacco 100% transplanted, 100% 2007, 99% average; condition good. First Crop Hay 75% harvested, 85% 2007, 75% average; condition poor in Massachusetts and good/fair elsewhere. Second Crop Hay 10% harvested, 10% 2007, 10% average; condition good/poor in New Hampshire and good elsewhere. Apples Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/fair in Connecticut and New Hampshire and good elsewhere. Peaches Fruit Set average/below average in New Hampshire and good elsewhere; Fruit Size average; condition fair in Connecticut, good/fair in New Hampshire and good elsewhere. Pears Fruit Set average/below average in Connecticut and average elsewhere; Fruit Size average; condition fair in Connecticut, good/fair in New Hampshire and good elsewhere. Strawberries 75% harvested, 80% 2007, 70% average; Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/excellent in Maine and good elsewhere. Massachusetts Cranberries Full Bloom to Petal Fall; condition good. Highbush Blueberries 0% harvested, <5% 2007, <5% average; Fruit Set average/above average in Rhode Island and Maine and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/excellent in Rhode Island and Vermont and good elsewhere. Maine Wild Blueberries Fruit Set above average; Fruit Size average/above average; condition good/excellent. Scattered showers and thunderstorms were seen during the week across New England. Isolated damage to tobacco was reported in Connecticut and Massachusetts due to hail produced by strong storms. While some areas saw damage and stress from heavy thunderstorms and an abundance of rain, other areas, particularly coastal regions are getting dry. Vegetable crops in these areas are beginning to suffer from the lack of rain. Total rain accumulation for the week ranged between 0.02 to 2.03 inches with the most rain falling in areas of the south. Weather conditions improved by the end of the week where cloudy to partly cloudy skies were seen across the region. High temperatures were in the mid-70s to mid-80s with nighttime temperatures ranging from the low-50s to mid-60s. Overall, temperatures for the week were average with areas of the south experiencing below average temperatures towards the end of the week. Major farm activities included harvesting strawberries, harvesting early season vegetable crops, cutting first and second cuts of dry hay, scouting for pests and applying insecticides, applying fungicides and herbicides, irrigating dry vegetable fields, sidedressing fertilizer to field corn and other vegetable crops and hoeing and cultivating potatoes and vegetables.

NEW JERSEY: Days suitable for field work 6.0. Topsoil moisture 2% very short, 25% short, 70% adequate, 3% surplus. Subsoil moisture 24% short, 75% adequate, 1% surplus. There were measurable amounts of rainfall for the week in most localities. Temperatures were above normal during the week across the Garden State. Harvest of early season cucumbers, peppers, tomatoes, and sweet corn were underway throughout New Jersey. Producers began the second cutting of hay. Irrigation was necessary for various crops including peaches in south Jersey. Minimal rainfall and hot weather continued to affect field corn and soybeans. Pumpkins appeared to be in good condition as planting neared completion. Other activities included planting, harvesting, and spraying.

NEW MEXICO: Days suitable for field work 6.5. Topsoil moisture 28% very short, 55% short, 17% adequate. Wind damage 20% light, 8% moderate. Hail damage 2% light, 1% moderate, 2% severe. Alfalfa was 11% poor, 39% fair, 46% good, 4% excellent, with 90% of second cutting complete, 28% of third cutting complete. Cotton 10% poor, 40% fair, 50% good, with 68% squaring, 20% setting bolls. Corn 38% fair, 62% good, 11% silked. Irrigated sorghum 87% fair, 13% good, 100%

planted, 5% headed. Dry sorghum 47% very poor, 40% poor, 13% fair, 74% planted. Total sorghum 24% poor, 76% fair, 81% planted, 5% headed. Irrigated winter wheat 89% harvested. Dry winter wheat 71% harvested. Total winter wheat 78% harvested. Peanuts 17% poor, 80% fair, 3% good, 35% pegged. Chile conditions 70% fair, 30% good. Onions 85% harvested. Apples 50% fair, 50% good. Pecans 8% fair, 92% good. Cattle conditions 2% very poor, 11% poor, 54% fair, 32% good, 1% excellent. Sheep conditions 8% very poor, 17% poor, 52% fair, 23% good. Range and pasture conditions 16% very poor, 47% poor, 30% fair, 7% good. Farmers spent the week cutting and baling hay. Planting, weeding, irrigating, and harvesting crops also continued. Livestock producers have been busy culling herds, hauling water, and supplemental feeding. The temperatures were near to below normal during the week due to showers and thunderstorms in most areas but warmer afternoon highs over the weekend. The moisture was widespread during the week with a few areas with heavy rain.

NEW YORK: Days suitable for fieldwork 4.6. Soil moisture 1% very short, 7% short, 79% adequate, 13% surplus. Pasture condition 1% very poor, 7% poor, 20% fair, 53% good, 19% excellent. Oat condition 12% fair, 63% good, 25% excellent. Hay 4% poor, 32% fair, 47% good, 17% excellent. Winter Wheat 20% fair, 51% good, 29% excellent. Dry beans 87%, 95% 2007, 90% average. First alfalfa cutting 88%, 96% 2007, 93% average. Clover-timothy hay mix 76%, 95% 2007, 81% average. Grass silage harvested 92%, 94% 2007, 87% average. Apple condition 27% poor, 30% fair, 28% good, 15% excellent. Grapes 3% poor, 11% fair, 55% good, 31% excellent. Peaches 29% poor, 24% fair, 33% good, 14% excellent. Pears 38% poor, 30% fair, 22% good, 10% excellent. Apples damaged in the earlier hail storms may grow out of their dents and be used for fresh marketing instead of processing. Strawberry season winding down. Vineyards reported berries were growing rapidly and cluster closing was on the horizon for varieties such as Chardonnay and Pinot noir. Sweet corn 98% planted, snap beans 89%, cabbage 95%, tomatoes 95%, lettuce 80%. Sweet corn condition 3% poor, 8% fair, 59% good, 30% excellent. Onions 12% fair, 80% good, 8% excellent. Lettuce 22% fair, 66% good, 12% excellent. Temperatures were seasonal throughout the state. Precipitation was triggered by a round of showers and thunderstorms in the beginning of the week and at the end of the week.

NORTH CAROLINA: Days suitable for field work 6.0. Soil moisture 30% very short, 39% short, 31% adequate, 0% surplus. Activities during the week included the planting of sorghum, soybeans, and harvesting hay, Irish potatoes, peaches, and rye. North Carolina received between .19 and 5.81 inches of rain throughout the week. Chapel Hill reported the most rain with 5.81 inches. Average temperatures ranged from 62 to 80 degrees. Scattered showers helped lessen the drought stress to parts of the state, especially the Central Piedmont and Central Coastal regions.

NORTH DAKOTA: Days suitable for fieldwork 6.8. Topsoil moisture 8% very short, 34% short, 57% adequate, 1% surplus. Subsoil moisture 15% very short, 31% short, 54% adequate, 1% surplus. Spring wheat 86% boot, 92% 2007, 85% avg.; 14% milk, 32% 2007, 26% avg.; 1% turning, 3% 2007, 3% average. Durum wheat 84% jointed, 83% 2007, 84% avg.; 59% boot, 65% 2007, 60% avg.; 36% headed, 44% 2007, 36% avg.; 11% milk, 9% 2007, 8% avg.; conditions 1% very poor, 9% poor, 39% fair, 50% good, 1% excellent. Barley 87% boot, 94% 2007, 86% avg.; 17% milk, 43% 2007, 28% avg.; 1% turning, 7% 2007, 6% average. Oats 86% boot, 91% 2007, 84% avg.; 18% milk, 39% 2007, 29% avg.; 1% turning, 7% 2007, 6% average. Canola 95% rosette, 100% 2007, 96% avg.; 60% blooming, 84% 2007, 76% avg.; condition 1% very poor, 7% poor, 29% fair, 57% good, 6% excellent. Dry edible beans 6% blooming, 27% 2007, 18% avg.; condition 3% poor, 31% fair, 57% good, 9% excellent. Dry edible peas 83% flowering, 93% 2007, average not available; 3% mature, 2% 2007, average not available; condition 6% poor, 33% fair, 59% good, 2% excellent. Flaxseed 33% blooming, 45% 2007, 51% avg.; condition 5% poor, 36% fair, 56% good, 3% excellent. Potatoes 22% blooming, 59% 2007, 45% avg.; 5% rows filled, 18% 2007, 19% avg.; condition 1% poor, 26% fair, 61% good, 12% excellent. Sugarbeets condition 3% poor, 17% fair, 68% good, 12% excellent. Sunflowers 1% blooming, 1% 2007, 1% avg.; condition 1% very poor, 2% poor, 34% fair, 56% good, 7% excellent. Hay condition 9% very poor, 32% poor, 39% fair, 19% good, 1% excellent. Broadleaf spraying 95% complete and wild oats spraying 97% complete. Stockwater supplies 15% very short, 27% short, 57% adequate, 1% surplus. The first cutting of alfalfa was 54% complete. Other hay cutting was 33% complete. Warm dry conditions across the state last week aided crop growth. Recent dry conditions have many producers concerned about topsoil moisture supplies, according to reporters. Insects have been reported in isolated

areas of the state as producers applied chemicals to prevent damage to crops.

OHIO: Days suitable for field work 3.0. Topsoil moisture 0% very short, 1% short, 55% adequate, 44% surplus. Winter wheat 65% ripe, 92% 2007, 67% avg.; 4% harvested, 61% 2007, 30% avg.; condition 1% very poor, 4% poor, 22% fair, 53% good, 20% excellent. Corn silked (tasseled) 1%, 13% 2007, 6% avg.; condition 3% very poor, 10% poor, 32% fair, 40% good, 15% excellent. Soybeans 11% blooming, 37% 2007, 25% avg.; condition 4% very poor, 10% poor, 34% fair, 41% good, 11% excellent. Oats 11% ripe, 20% 2007, 10% avg.; condition 0% very poor, 3% poor, 24% fair, 63% good, 10% excellent. Apples harvested (summer) 2%, 2% 2007, 8% avg. Alfalfa hay 2nd cutting 27%, 55% 2007, 34% avg. Other hay 1st cutting 85%, 100% 2007, 95% avg.; 2nd cutting 10%, 29% 2007, 16% avg. Hay condition 4% very poor, 11% poor, 28% fair, 44% good, 13% excellent. Livestock condition 0% very poor, 1% poor, 20% fair, 65% good, 14% excellent. Pasture condition 1% very poor, 5% poor, 28% fair, 49% good, 17% excellent. It has been another wet week for the majority of operators in the State. Some reporters in Northwest district reported rainfall of 3-6 inches on Thursday July 3rd and limited hail damage in some counties. The major field activities for the week were cutting and baling hay and the beginning of the winter wheat harvest. Most field activities were limited during the past week due to rain. Reporters indicated that low lying sections of fields have sustained crop damage and reduced fitness of plants, due to excess rain. These sections could be replanted to soybeans, if we get some dry weather, however it is too late to replant corn. Hail damage in the North Central region has sustained losses to summer fruit crops. Japanese beetles reported in the West Central district soybean fields and grasshoppers reported in soybean fields in the Southwest.

OKLAHOMA: Days suitable for fieldwork 6.2. Topsoil moisture 19% very short, 32% short, 45% adequate, 4% surplus. Subsoil moisture 18% very short, 20% short, 58% adequate, 4% surplus. Wheat 43% plowed this week, 28% last week, 11% last year, 52% average. Rye 96% harvested this week, 81% last week, 58% last year, 83% average; 44% plowed this week, 23% last week, N/A last year, 45% average. Oats 87% harvested this week, 81% last week, 58% last year, 84% average; 39% plowed this week, 26% last week, 12% last year, 50% average. Corn condition 4% poor, 18% fair, 69% good, 9% excellent; 44% silking this week, 34% last week, 61% last year, 52% average; 17% dough this week, 10% last week, 19% last year, 22% average. Sorghum 54% emerged this week, 48% last week, 64% last year, 81% average. Soybeans condition 2% poor, 37% fair, 55% good, 6% excellent; seedbed prepared 96% this week, 94% last week, 85% last year, 96% average; 79% planted this week, 64% last week, 52% last year, 85% average; 68% emerged this week, 54% last week, 46% last year, 79% average. Peanuts 30% setting pods this week, 12% last week, 10% last year, 14% average. Watermelon running 96% this week, 90% last week, 100% last year, 100% average; setting fruit 72% this week, 53% last week, 95% last year, 87% average. Alfalfa condition 4% very poor, 6% poor, 32% fair, 47% good, 11% excellent; 2nd cutting 95% this week, 92% last week, 76% last year, 91% average; 3rd cutting 49% this week, 28% last week, 10% last year, 32% average. Other hay condition 4% very poor, 5% poor, 28% fair, 53% good, 10% excellent; 1st cutting 69% this week, 62% last week, 69% last year, 79% average. Livestock condition 1% very poor, 4% poor, 23% fair, 61% good, 11% excellent. Pasture and range condition 4% very poor, 6% poor, 25% fair, 54% good, 11% excellent. Livestock. Prices for feeder steers less than 800 pounds averaged \$110 per cwt. Prices for heifers less than 800 pounds averaged \$100 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 6.7. Top soil moisture 21% very short, 42% short, 36% adequate, 1% surplus. Sub soil moisture 13% very short, 40% short, 45% adequate, 2% surplus. Winter Wheat condition 16% very poor, 26% poor, 31% fair, 22% good, 5% excellent; 1%, 4% previous year, 3% 5-year average. Spring Wheat condition 6% very poor, 32% poor, 29% fair, 25% good, 8% excellent; 91% headed, 99% previous year, 92% 5-year average. Barley condition 5% very poor, 20% poor, 30% fair, 38% good, 7% excellent. Corn condition 15% fair, 69% good, 16% excellent. Range, pasture condition 6% very poor, 14% poor, 30% fair, 45% good, 5% excellent. Alfalfa first cutting 98%, 100% previous year. Weather. The week began with hot, dry conditions in most areas of the State, but temperatures quickly dropped from above average to below normal by the weekend. High temperatures ranged from 102 degrees in Ontario, down to 64 degrees in Crescent City. Low temperatures ranged from 61 degrees in The

Dalles, down to 45 degrees at the Lorella & Bend weather stations. Portland received the most precipitation with 0.28 total inches followed by Prairie City, Madras with 0.27 total inches. Twenty-two of the forty-two stations reporting received measurable precipitation with most reporting only a trace. Field Crops Most field crops were reported to be looking good across the State. Warm but moderate temperatures were welcomed. Haying continued to be very active. Winter wheat was turning color, but for the most part was not ready for harvest; however, some wheat was harvested in Morrow County. Spring wheat, spring barley were still green. Grass seed harvest began in southern Willamette Valley, with annuals, orchard grass for seed finishing up. Red clover was past full bloom, crimson clover was starting to go down. Vegetables Warmer daytime, nighttime temperatures have been good for corn, tomatoes, squash, other heat-loving plants. Squash plants were starting to size up, beans & corn were looking better throughout the Willamette Valley. Sweet corn was doing well with varied growth due to staggered planting, with some early plantings starting to tassel. Fruits, Nuts The raspberry harvest began last week, blueberries were just ripening. The earliest varieties were about 50 percent complete, mid-season varieties were still about two weeks away. The strawberry harvest continued, should be done by next week. Sweet cherries were ripe, harvest got underway in most cherry growing areas. Continued warm weather has advanced tree fruit maturity in some areas. Apple, pear crops were still behind normal in southern Oregon, but were looking good. Vineyards were also benefiting from the warmer weather, doing well after a late start. Summer orchard operations continued throughout the Hood River Valley, pear growers were cutting fire blight in many locations. Hazelnuts, walnuts were developing nicely in the Willamette Valley. Nurseries, Greenhouses; Greenhouses were cleaning up, starting to prepare for fall plants. Nurseries were busy with watering, fertilizing, & weed control activities. Potted plant sales continued to be very active for some nurseries. Livestock, Range, Pasture; Pastures were in good condition, still providing plenty of green forage for livestock. Rangelands looked to be in good condition in eastern Oregon with some reports of thunderstorm related wildfires in Gilliam County. Overall, livestock were doing well throughout the State.

PENNSYLVANIA: Days suitable for fieldwork 4. Soil moisture 4% very short, 23% short, 61% adequate, 12% surplus. Corn height 38 inches, 53 inches 2007, 44 inches avg.; condition 7% poor, 28% fair, 47% good, 18% excellent. Barley ripe 97% complete, 96% 2007, 96% avg.; 84% harvested complete, 86% 2007, 82% avg. Winter wheat turning yellow 99% complete, 99% 2007, 95% avg.; ripe 70% complete, 80% 2007, 62% avg.; 22% harvested complete, 33% 2007, 24% avg.; condition 1% poor, 10% fair, 65% good, 24% excellent. Oats 87% heading complete, 93% 2007, 88% avg.; yellow 13% complete, 28% 2007, 20% avg.; condition 1% very poor, 13% fair, 67% good, 19% excellent. Soybeans 96% planted complete, 100% 2007, 97% avg.; 85% emerged complete, 94% 2007, 92% avg.; condition 5% poor, 32% fair, 45% good, 18% excellent. Alfalfa first cutting 95% complete, 100% 2007, 95% avg.; second cutting 40% complete, 71% 2007, 45% avg.; conditions 3% poor, 11% fair, 69% good, 17% excellent. Timothy clover first cutting 83% complete, 95% 2007, 83% avg.; second cutting 7% complete, 10% 2007, 7% avg.; condition 3% poor, 19% fair, 59% good, 19% excellent. Peach crop condition 5% fair, 63% good, 32% excellent. Apple crop condition 20% fair, 54% good, 26% excellent. Quality of hay made 9% poor, 28% fair, 56% good, 7% excellent. Pasture conditions 2% very poor, 5% poor, 33% fair, 47% good, 13% excellent. Principal farm activities included picking fruit, cutting and baling hay, spraying corn and potatoes, as well as harvesting barley and wheat.

SOUTH CAROLINA: Days suitable for fieldwork 6.1. Soil moisture 37% very short, 39% short, 24% adequate, 0% surplus. Corn 46% very poor, 25% poor, 24% fair, 5% good, 0% excellent. Soybeans 20% very poor, 30% poor, 36% fair, 13% good, 1% excellent. Sorghum 29% very poor, 12% poor, 55% fair, 4% good, 0% excellent. Sweet Potatoes 20% very poor, 4% poor, 56% fair, 20% good, 0% excellent. Tobacco 10% very poor, 25% poor, 45% fair, 19% good, 1% excellent. Hay 24% very poor, 34% poor, 30% fair, 12% good, 0% excellent. Peaches 13% very poor, 8% poor, 26% fair, 50% good, 3% excellent. Apples 20% very poor, 3% poor, 60% fair, 17% good, 0% excellent. Snapbeans, fresh 30% very poor, 40% poor, 30% fair, 0% good, 0% excellent. Cucumbers, fresh 43% very poor, 19% poor, 38% fair, 0% good, 0% excellent. Watermelons 17% very poor, 19% poor, 36% fair, 28% good, 0% excellent. Tomatoes, fresh 18% very poor, 12% poor, 26% fair, 44% good, 0% excellent. Cantaloupes 25% very poor, 15% poor, 33% fair, 27% good, 0% excellent. Livestock condition 4% very poor,

19% poor, 52% fair, 25% good, 0% excellent. Corn silked (tasseled 90%, 93% 2007, 94% avg. Corn doughed 30%, 40% 2007, 46% avg. Soybeans planted 98%, 99% 2007, 98% avg. Soybeans emerged 86%, 94% 2007, 94% avg. Soybeans bloomed 3%, 7% 2007, 9% avg. Soybeans pods set 0%, 1% 2007, 1% avg. Sorghum planted 99%, 100% 2007, 99% avg. Sorghum headed 40%, 52% 2007, 57% avg. Sorghum turned color 10%, 15% 2007, 18% avg. Winter wheat harvested 99%, 98% 2007, 97% avg. Oats harvested 100%, 98% 2007, 95% avg. Sweet Potatoes planted 100%, 100% 2007, 100% avg. Tobacco topped 40%, 45% 2007, 65% avg. Tobacco harvested 2%, 1% 2007, 4% avg. Hay other hay 35%, 34% 2007, 39% avg. Peaches harvested 41%, 38% 2007, 35% avg. Snapbeans, fresh harvested 90%, 83% 2007, 87% avg. Cucumbers, fresh harvested 99%, 97% 2007, 96% avg. Watermelons harvested 50%, 53% 2007, 54% avg. Tomatoes, fresh harvested 65%, 78% 2007, 75% avg. Cantaloupes harvested 55%, 71% 2007, 66% avg. Much of South Carolina received measurable amounts of rainfall for the first time in several weeks. There were several exceptions though, along coastal areas, and the Upstate, which was sorely in need of moisture. It is hard to believe, but as dry as it was last year, many of our northern counties are even drier this year. The rains that fell over the weekend came too late for most of the state's corn crop. Current moisture may be enough to help some late planted fields. Cotton continued to square, but has also fallen behind due to the dry weather. Rain continued to help improve peanut conditions. More precipitation is needed to help maintain yield potential. Livestock conditions improved only slightly. Just like last year, some Upstate pastures have already gone dormant from lack of moisture. Pasture grazing in other parts of the state should increase, but periodic showers are needed for continued improvement. Peach harvest continued to progress. Vegetable harvests were still ongoing. There have not been significant reports of insect or disease damage thus far this year. Rains over the past few days have helped perk up some crops, but more moisture is needed to sustain later harvests. The state average temperature for the week was two degrees below normal. As June ended, the Greenville-Spartanburg's rainfall total of 0.13 inches was the least amount ever measured for the month. The state average rainfall for the period was 0.9 inches.

SOUTH DAKOTA: Days suitable for fieldwork 6.4. Topsoil moisture 2% very short, 16% short, 73% adequate, 9% surplus. Subsoil moisture 2% very short, 12% short, 76% adequate, 10% surplus. Winter wheat turning color 63%, 94% 2007, 88% avg.; ripe 1%, 40% 2007, 26% avg.; 3% very poor, 3% poor, 17% fair, 55% good, 22% excellent. Barley boot 90%, 100% 2007, 99% avg.; 61% headed, 94% 2007, 90% avg.; turning color 5%, 28% 2007, 23% avg.; ripe 0%, 1% 2007, 0% avg.; 3% very poor, 1% poor, 22% fair, 64% good, 10% excellent. Oats boot 95%, 100% 2007, 100% avg.; turning color 13%, 45% 2007, 28% avg.; ripe 0%, 5% 2007, 2% avg. Spring wheat boot 98%, 100% 2007, 100% avg.; turning color 3%, 29% 2007, 30% avg.; ripe 0%, 1% 2007, 1% avg. Corn cultivated or sprayed once 96%, 100% 2007, 98% avg.; twice 46%, 74% 2007, 66% avg.; Average corn height (inches) 25 in., 49 in. 2007, 38 in. avg.; tasseled 0%, 11% 2007, 4% avg. Sorghum 96% emerged, 99% 2007, 96% avg. Sunflower 100% planted, 97% 2007, 99% avg.; 1% very poor, 4% poor, 25% fair, 59% good, 11% excellent. Alfalfa hay 1st cutting harvested 78%, 94% 2007, 90% avg.; 2nd cutting harvested 6%, 21% 2007, 17% avg.; 2% very poor, 2% poor, 19% fair, 59% good, 18% excellent. Other hay 48% harvested, 60% 2007, 56% avg. Feed supplies 1% very short, 3% short, 85% adequate, 11% surplus. Stock water supplies 1% very short, 7% short, 71% adequate, 21% surplus. Cattle condition 8% fair, 67% good, 25% excellent. Sheep condition 8% fair, 67% good, 25% excellent. Dry weather over the last week helped with the cutting of hay and facilitated the continued development of row crops and small grains across South Dakota.

TENNESSEE: Days suitable for fieldwork 7. Topsoil moisture 19% very short, 42% short, 39% adequate. Subsoil moisture 18% very short, 39% short, 42% adequate, 1% surplus. Wheat 99% harvested, 100% 2007, 97% avg. Tobacco 1% very poor, 3% poor, 28% fair, 59% good, 9% excellent. Hay 4% very poor, 12% poor, 37% fair, 40% good, 7% excellent. Pastures 5% very poor, 19% poor, 39% fair, 33% good, 4% excellent. Cattle 1% very poor, 6% poor, 36% fair, 47% good, 10% excellent. Dry weather conditions were the story across the State last week. Despite scattered showers and thunderstorms, crops need a good soaking rain. Tobacco transplanting was virtually completed last week. Other field activities last week included scouting crops, herbicide applications in soybeans, wheat harvesting, and hay cutting. Temperatures across the State last week averaged near to slightly below normal. Precipitation averaged slightly below to below average last week.

TEXAS: Top soil moisture was mostly short to adequate 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 poor to fair statewide. Oat condition was mostly fair to good statewide. Range and pasture condition was mostly poor to fair statewide. Wheat harvest neared completion in much of the Plains, the Cross Timbers, and the Blacklands. Cotton continued to square and started to set bolls in parts of the Plains. Corn continued to mature in South Central Texas and the Blacklands. Sorghum continued to be replanted in the Southern High Plains and the Northern Low Plains, while sorghum continued to be harvested in South Central Texas and the Coastal Bend. Chili peppers continued to bloom in the Trans-Pecos. Livestock started to improve in parts of the Plains due to improved pasture conditions. Top soil moisture was mostly short to adequate statewide.

UTAH: Days suitable for field work 7. Subsoil moisture 1% very short, 39% short, 60% adequate, 0% surplus. Winter Wheat 100% headed, 100% 2007, 100% avg. Spring Wheat 76% headed, 96% 2007, 88% avg. Barley 80% headed, 95% 2007, 90% avg.; Condition 0% very poor, 0% poor, 17% fair, 77% good, 6% excellent. Oats 54% headed, 71% 2007, 68% avg.; harvested for Hay or Silage 47%. Corn silked (tasseled) 1%, 4% 2007, 2% avg.; height 25 inches, 33 inches 2007, 29 inches avg. Alfalfa height 26%, 30% 2007, 24% avg.; 1st Cutting 86%, 99% 2007, 98% avg.; 2nd Cutting 5%, 27% 2007, 23% avg. Other Hay Cut 69%, 77% 2007, 67% avg. Cattle and calves moved To Summer Range 96%, 96% 2007, 97% avg. Cattle and calves condition 0% very poor, 1% poor, 36% fair, 57% good, 6% excellent. Sheep and lambs moved To Summer Range 97%, 96% 2007, 97% avg. Sheep Condition 0% very poor, 0% poor, 21% fair, 73% good, 6% excellent. Stock Water Supplies 1% very short, 9% short, 90% adequate, 0% surplus. Apricots 11% harvested, 60% 2007, 41% avg. Sweet Cherries 4% harvested, 44% 2007, 61% avg. Tart Cherries 0% harvested, 21% 2007, 19% avg. Warm weather prevailed this week. Weather conditions around the state continue to be hot and dry. Livestock continue to do well. Box Elder reports that the Blue Creek and Pocatello Valley areas have only had 0.6 inches of rainfall since the snow melted this spring. Farmers have wrapped up first crop hay and are watering second crop. Some second crop will be cut in the next week. Fall wheat fields are starting to turn color in the Bear River Valley. Some moisture would be helpful in the dryland areas. Hay prices continue rise, but producers are extremely nervous with livestock prices falling and feed costs soaring. There has been much talk of heavy culling this fall if enough hay cannot be raised to winter herds. Tooele county reports farmers will start cutting 2nd crop alfalfa this week. Sevier County reports grasshoppers and other insects are a problem in some areas. Summit County reports farmers are finishing up cutting first crop alfalfa while grass hay cutting is about halfway completed in the county. Irrigation continues on alfalfa and grass hay fields. Beaver County reports hay looks well, but farmers are still having concern over grasshoppers. Iron County reports 1st crop alfalfa yields were reduced due to slow growth from cold spring temperatures and insect damage. Summit County reports most of their livestock has been moved to summer ranges. Uintah County reports pastures and ranges are experiencing some grasshopper problems on the west side of county. Iron County reports that high elevation ranges look good but ranges at lower elevations are starting to dry out.

VIRGINIA: Days suitable for fieldwork 5.6. Topsoil moisture 14% very short, 29% short, 52% adequate, 5% surplus. Subsoil moisture 16% very short, 32% short, 49% adequate, 3% surplus. Pasture 9% very poor, 13% poor, 35% fair, 35% good, 8% excellent. Livestock 1% very poor, 5% poor, 20% fair, 54% good, 20% excellent. Other Hay 4% very poor, 11% poor, 31% fair, 39% good, 15% excellent. Alfalfa Hay 5% poor, 28% fair, 49% good, 18% excellent. Corn 4% very poor, 10% poor, 29% fair, 44% good, 13% excellent; 33% silked; 37% 2007; 34% avg.; dough 1%; 2% avg. Soybeans 86% Planted; 92% 2007; 86% avg.; 74% emerged; 73% 2007; 74% avg.; condition 3% very poor, 8% poor, 30% fair, 54% good, 5% excellent. Winter Wheat 86% harvested; 85% 2007; 76% avg. Flue-cured Tobacco 21% poor, 30% fair, 44% good, 5% excellent. Burley Tobacco 5% poor, 36% fair, 44% good, 15% excellent. Dark Fire-cured tobacco 1% poor, 90% fair, 6% good, 3% excellent. Peanuts 45% pegged; 40% 2007; 27% avg.; condition 1% very poor, 1% poor, 14% fair, 84% good. Cotton squaring 53%; 62% 2007; 53% avg.; condition 6% very poor, 9% poor, 29% fair, 56% good. Summer potatoes 35% harvested; 11% 2007; 15% avg.; condition 9% fair, 36% good, 55% excellent. Summer Apples 5%

harvested; 5% avg.; condition 20% fair, 70% good, 10% excellent. Peaches 1% very poor, 2% poor, 33% fair, 59% good, 5% excellent. Grapes 2% poor, 8% fair, 80% good, 10% excellent. Oats 2% very poor, 2% poor, 21% fair, 73% good, 2% excellent. Scattered rain showers throughout the Commonwealth brought relief to Virginia's crops. However, it will take continual rain throughout the growing season to improve crop conditions. Double crop soybean planting continued this week. Recent rains have made the ground workable again. Soybean fields that exhibited poor stand, due to a cold wet early spring, were being replanted. The winter wheat harvest was nearing completion. Wheat yields looked favorable. Other farming activities included farmers harvesting second cutting of hay and applying post emergent herbicides to soybeans.

WASHINGTON: Days suitable for field work 6.7. Soil moisture 6% very short, 37% short, 57% adequate. Hot and dry weather over the eastern grain growing counties continued to move grains along. In general, grain condition were normal, but the recent heat removed substantial moisture from the soil leaving growers concerned about moisture levels in summer fallow for fall planting. Whitman County reported temperatures reached 100 degrees, producing a lot of strain on newly headed grain. Some counties reported grain had begun to turn. The first cutting of alfalfa was nearly complete and second was going down, pushed along by the heat. Bluegrass seed harvest had begun in Spokane County with fields being laid down to dry before harvest. Christmas tree growers reported some annual needle necrosis on both Grand and Noble fir due to the previous week's thermal blast which brought temperatures into the 90s. On the west side, cannery peas continued to look very good. In the Yakima Valley, daily temperatures neared 100 degrees. Cherry harvest continued as peak harvesting activities moved towards the upper valley. Some apple thinning activities continued even as some orchard blocks were reported to be propped up due to heavy fruit set. Apple size was approaching 55-60 mm in the mid to lower valley. Skagit County reported the cabbage seed crop had formed seed pods and harvest was nearing. Strawberry harvest continued and raspberry harvest had begun while blueberries were showing some color. Range and pasture conditions 8% very poor, 28% poor, 27% fair, 37% good. Nearly all cattle were on summer pasture. Reports from Stevens County noted livestock growers were culling herds due to high feed prices. Kittitas County reported rangeland conditions were rapidly drying out, as expected.

WEST VIRGINIA: Days suitable for field work 3. Topsoil moisture 66% adequate, 34% surplus compared with 32% very short, 45% short, 23% adequate last year. Corn conditions 1% very poor, 3% poor, 21% fair, 71% good, 4% excellent; 3% silked, 5% in 2007, 5-yr avg. not available. Soybean conditions 7% fair, 92% good, 1% excellent; 99% planted, 2007 and 5-yr avg. not available. Soybeans 87% emerged, 96% in 2007, 91% 5-yr avg.; 4% blooming, 3% in 2007, 5-yr avg. not available. Winter wheat conditions 10% poor, 18% fair, 70% good, 2% excellent; 35% harvested, 24% in 2007, 25% 5-yr avg.; 31% fair, 54% good, 15% excellent; 83% headed, 80% in 2007, 72% 5-yr avg. Hay 2% very poor, 4% poor, 27% fair, 62% good, 5% excellent; first cutting was 75% complete, 85% in 2007, 80% 5-yr avg. Apple conditions 10%

poor, 75% fair, and 15% good. Peach conditions 5% poor, 85% fair, 10% good. Cattle and calves were 2% poor, 10% fair, 83% good and 5% excellent. Sheep and lambs were 2% poor, 8% fair, 85% good and 5% excellent. Farming activities included making hay, vaccinating cattle, and equipment maintenance. Rain continues to cover most of the state resulting in poor hay conditions in some areas.

WISCONSIN: Days suitable for fieldwork 6.4. Topsoil moisture 1% very short, 25% short, 67% adequate, 7% surplus. Temperatures ranged from 3 degrees below to 5 degrees below normal. Average high temperatures ranged from 74 to 82 degrees across the state. Lows averaged from 54 to 56 degrees for the week. Precipitation ranged from 0 inches in Madison and Eau Claire to 1.16 inches in Green Bay. Average corn height was 30 inches with 0 percent silking. Soybeans emerged was 99 percent complete. There were 8 percent of soybeans blooming. Oats were 72 percent headed and 0 percent harvested. First cutting hay was 95 percent harvested while second cutting hay was 21 percent complete. Drier weather last week allowed growers to spray corn and soybean fields where weeds were becoming a problem. Corn and soybeans were getting greener as previously wet fields continued to dry out.

WYOMING: Days suitable for fieldwork 6.7. Topsoil moisture 4% very short, 28% short, 67% adequate, 1% surplus. Subsoil moisture 15% very short, 28% short, 57% adequate. Barley 95% jointed, 85% previous week, 96% 2007, 97% avg.; 68% boot, 47% previous week, 81% 2007, 87% avg.; 46% headed, 22% previous week, 63% 2007, 69% avg.; condition 3% poor, 19% fair, 78% good. Corn 98% emerged, 93% previous week, 100% 2007, 100% avg.; 21 inches average height; condition 3% poor, 21% fair, 76% good. Oats 90% jointed, 79% previous week, 90% 2007, 93% avg.; 60% boot, 41% previous week, 73% 2007, 76% avg.; 38% headed, 24% previous week, 54% 2007, 48% avg.; condition 1% poor, 25% fair, 74% good. Spring wheat 95% jointed, 92% previous week, 95% 2007, 97% avg.; 72% boot, 59% previous week, 80% 2007, 83% avg.; 41% headed, 21% previous week, 51% 2007, 57% avg.; condition 37% fair, 62% good, 1% excellent. Winter wheat 96% headed, 89% previous week, 98% 2007, 98% avg.; 61% turning color, 36% previous week, 87% 2007, 79% avg.; condition 1% poor, 39% fair, 59% good, 1% excellent. Dry beans 91% emerged, 73% previous week, 99% 2007, 98% avg.; 24% bloom, 5% previous week, 22% 2007, 14% avg.; condition 1% fair, 99% good. Alfalfa hay 57% first cutting, 31% previous week, 78% 2007, 71% avg. Other hay 20% total cut, 11% previous week, 29% 2007, 24% avg. Sugar beet condition 1% very poor, 0% poor, 15% fair, 79% good, 5% excellent. Range and pasture condition 2% poor, 23% fair, 60% good, 15% excellent. Stock Water Supplies 6% short, 92% adequate, 2% surplus. Scattered areas received minimal precipitation along with warm temperatures. Cool temperatures at night delay alfalfa growth in localized areas. Most crop conditions remained the same compared to the previous week. Irrigation water supplies are holding up well. Additional moisture is needed in order to improve crop progress. Activities preparations for hay harvest, shearing range sheep, branding and moving livestock.