



Crop Progress - State Stories

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ALABAMA: Days suitable for fieldwork was 5.7. Topsoil moisture 16% very short, 35% short, 47% adequate, 2% surplus. Subsoil moisture 17% very short, 36% short, 46% adequate, 1% surplus. Corn mature 90%, 75% last week, 71% 2013, 85% avg. Corn harvested 31%, 21% last week, 15% 2013, 31% avg. Corn condition 3% poor, 14% fair, 56% good, 27% excellent. Soybeans setting pods 92%, 86% last week, 74% 2013, 86% avg. Soybeans dropping leaves 33%, 24% last week, 8% 2013, 20% avg. Soybeans condition 2% poor, 26% fair, 60% good, 12% excellent. Livestock condition 1% very poor, 8% poor, 21% fair, 60% good, 10% excellent. Pasture and range condition 4% very poor, 18% poor, 31% fair, 41% good, 6% excellent. The week's average mean temperatures ranged from 78.8 F in Haleyville to 83.6 F in Montgomery; total precipitation ranged from 0.01 inches in Mobile to 2.02 inches in Bessemer. Hot, humid conditions covered the state last week with temperatures ranging from the mid-80's to mid-90's. Scattered showers fell in Alabama throughout the week with most significant accumulations in the central and northern portions of the state. Amounts were not enough to halt fieldwork for very long or to keep the area rated abnormally dry by the U.S. Drought Monitor from creeping up another 2 points. Peanuts remained in predominately fair condition. All other crops, pasture, and livestock held at mostly good to fair. Corn harvest was slowed due to high humidity levels hampering the drying process, but reported yields were good. Armyworm pressure was still being felt on pastures and hayfields.

ALASKA: Days suitable for fieldwork 4.0. Topsoil moisture 95% adequate, 5% surplus. Subsoil moisture 100% adequate. Barley harvested 10%. Oats harvested <5%. First cutting hay 98% complete. Second cutting hay 20% complete. Potatoes harvested 5%. Oat condition 30% fair, 40% good, 30% excellent. All hay condition 5% poor, 30% fair, 60% good, 5% excellent. Potato condition 55% good, 45% excellent. Condition of pasture 5% poor, 15% fair, 60% good, 20% excellent. Winter supplies of hay 100% adequate. Wind and rain damage to crops 95% none, 5% light. The main farm activities for the week were harvesting hay, forage oats, grass seed and vegetables, weed control, preparing for grain and potato harvest, farm maintenance.

ARIZONA: Days suitable for field work 7.0 days. Topsoil moisture 0% very short, 28% short, 67% adequate and 5% surplus. Subsoil moisture 5% very short, 32% short, 63% adequate and 0% surplus. Arizona's alfalfa condition was rated in mostly excellent to fair condition, depending on location. Harvesting occurred on over three-quarters of the alfalfa acreage across the State. Seedless watermelons show movement this week. The third straight week of rain continued to improve range and pasture conditions which ranged from very poor to excellent, depending on location. The beneficial rains were seen across the State, resulting in some generally adequate forage conditions.

ARKANSAS: Days suitable for fieldwork 6.1. Topsoil moisture 7% very short, 44% short, 48% adequate, 1% surplus. Subsoil moisture 4% very short, 43% short, 52% adequate, 1% surplus. Corn reached 100% dented, 99% last week, 99% previous year, 100% 5-year average; 97% mature, 92% last week, 89% last year, 95% 5-year average; 36% harvested, 19% last week, 40% last year, 65% 5-year average. Corn condition 0% very poor, 7% poor, 21% fair, 48% good, and 24% excellent. Pasture condition 2% very poor, 14% poor, 31% fair, 45% good, 8% excellent. Livestock condition 1% very poor, 2% poor, 21% fair, 67% good, and 9% excellent. Most of the state received minimal rainfall last week. Producers continued to harvest crops as weather permitted.

CALIFORNIA: Days suitable for field work was 7 days. Topsoil moisture 50% very short, 30% short, 20% adequate, and 0% surplus. Subsoil moisture 35% very short, 50% short, 15% adequate and 0% surplus. The State started the week between high pressure over the Eastern Pacific and upper level trough over the Central U.S. Then an upper level trough moved into the northern portions of the State mid-week with a low off the northern coast for the weekend. Tropical Storm Norbert remnants brought moisture and instability for clouds along with showers and thunderstorms to the southern part of the State for the weekend. Local flash flooding occurred in the southern part of the State on Sunday. Temperatures were moderate for the week. There were a few record minimum temperatures set in the southern part of the State over the

weekend due to cloud cover from remnant moisture. Alfalfa was cut, windrowed, and baled. Some fields were treated for lygus and mites. Sudan grass was cut and baled. Safflower fields were harvested. Cotton was in full bloom and continued to develop and set bolls. The crop condition was 80 percent good or excellent. Black-eyed peas were in various stages of development, with some pods drying. Corn fields were harvested and treated to control insects. Pasture and Rangeland was 75 percent poor to very poor. Prune harvest slowed. Few orchards were still harvesting prunes, expected completion is next week. Pineapple quince and Asian pears were harvested. Stone fruit continued to be exported. Valencia orange harvest continued. Citrus re-greening was an ongoing problem. Citrus groves were skirted and pruned for insect control. Olives matured normally. Pomegranates were harvested. Persimmons were nearing harvest. In Yuba County, the cling peach harvest finished. Late variety nectarines, peaches, and plums were harvested. Wine and table grape harvests continued. Raisin grapes were picked, dried, and binned. Imperial County lemons were harvested. Almond harvest was in full swing. Early variety walnut harvest began. Current season pistachio harvest started with good quality. Ethrel and husk fly treatments were applied to walnuts. Tomato harvest continued across the state with treatment for powdery mildew and tomato fruit worm reported. The melon harvest neared completion in Merced and Fresno counties. Honeydew melon harvest continued in Tulare County, with good quality reported. Carrots were treated for potato fly beetle in Kern County. The pea harvest was gearing up in Sutter County. In Fresno County, carrots, cucumbers, daikon, onions (fresh and processed), peppers, sweet corn and tomatoes were harvested. Some growers transplanted second crops of melons, cucumbers and squash. Fall vegetable planting preparation continued including fumigation and bed shaping for broccoli, lettuce, and carrots. Harvest continued for lettuce seed production. In Tulare County, summer vegetables were harvested including tomatoes, green beans, squash, eggplant and sweet corn. In Imperial County, broccoli and cauliflower were planted. Sweet corn planting finished with projected harvest to start the first week of November. Range continued to be extremely dry, with severe drought conditions affecting rangeland pastures at all elevations. Feed costs for cattle producers remain high. Due to the lack of feed, supplemental feeding was essential for range cattle. Fire danger remained high throughout the State.

COLORADO: Days suitable for field work 6.1. Topsoil moisture 9% very short, 32% short, 52% adequate, 7% surplus. Subsoil moisture 17% very short, 32% short, 50% adequate, 1% surplus. Spring barley harvested 80%, 86% 2013, 85% avg. Spring wheat harvested 59%, 83% 2013, 62% avg. Winter wheat planted 5%, 12% 2013, 8% avg. Dry beans cut 20%, 37% 2013, 30% avg.; condition 40% fair, 46% good, 14% excellent. Onions harvested 14%, 19% 2013, 35% avg.; condition 1% poor, 14% fair, 66% good, 19% excellent. Potatoes fall inside SLV harvested 10%, 16% 2013, 14% avg.; condition 6% very poor, 12% poor, 27% fair, 45% good, 10% excellent. Potatoes fall outside SLV harvested 49%, 49% 2013, 45% avg.; condition 1% poor, 18% fair, 74% good, 7% excellent. Sugarbeets condition 1% very poor, 3% poor, 17% fair, 55% good, 24% excellent. Sunflowers condition 3% very poor, 18% poor, 28% fair, 43% good, 8% excellent. Alfalfa 3rd cutting 63%, 61% 2013, 60% avg.; 4th cutting 6%, 2% 2013, 4% avg.; condition 3% very poor, 10% poor, 24% fair, 46% good, 17% excellent. Livestock condition 1% poor, 19% fair, 66% good, 14% excellent. Conditions last week were generally ideal for fieldwork. Some isolated storms noted throughout the northeast and southeastern districts reportedly limited harvesting and planting opportunities. Despite cool, wet conditions, standing crops in certain areas reached maturity and grass growth was beginning to wane. Reporters indicated wheat drilling was underway throughout the eastern district.

DELAWARE: Days suitable for fieldwork, 6. Topsoil moisture; 8% very short, 20% short, 72% adequate and 0% surplus. Subsoil moisture; 6% very short, 42% short, 52% adequate and 0% surplus. Apples condition; 2% very poor, 5% poor, 24% fair, 63% good, 6% excellent. Corn condition; 3% very poor, 5% poor, 24% fair, 56% good, 12% excellent. Pasture and Range Condition; 3% very poor, 16% poor, 46% fair, 32% good, and 3% excellent. Soybean condition; 2% very poor, 12% poor, 25% fair, 50% good, 11% excellent. Apples harvested; 54% this year, 62% last year, 57% five year average. Alfalfa 2nd cutting; 79% this year, 100% last year, 100% five year average. Alfalfa 3rd cutting; 64% this year, 93% last year, 96% five year average. Alfalfa 4th cutting; 22% this year, 50% last year, 31% five year average. Corn Dough; 90% this year, 100% last year, 100% five year average. Corn Dented; 82% this year, 82% last year, 92% five year average. Corn Mature; 27% this year, 42% last year, 51% five year average. Cantaloupe Harvested; 93% this year, 97% last year, 94% five year average. Cucumbers Harvested; 89% this year, 95% last year, 92% five year average. Other hay 2nd cutting; 81% this year, 100% last year, 100% five year average. Other hay 3rd cutting; 45% this year, 75% last year, 75% five year average. Other hay 4th cutting; 5% this year, 13% last year, 6% five year average. Soybean blooming; 96% this year, 94% last year, 98% five year average. Soybeans setting pods; 91% this year, 83% last year, 90% five year average. Soybeans fully podded; 42% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 91% this year, 96% last year, 89% five year average. Tomatoes Harvested; 88% this year, 97% last year, 89% five year average.

Watermelon Harvested; 96% this year, 98% last year, 96% five year average. Peaches harvested; 74% this year, 99% last year, 97% five year average. Hay and Roughage Supplies; 0% very short, 16% short, 78% adequate and 6% surplus. Potatoes harvested; 59% this year, 98% last year, 95% five year average. Snap Beans harvested; 90% this year, 96% last year, 90% five year average. Lima Beans harvested 41% this year, 62% last year, 71% five year average. Field activities for this week should include cutting hay, harvesting fruits and vegetables and planting cover crops.

FLORIDA: Days suitable for field work; 6.4. Topsoil moisture, 2% very short, 13% short, 76% adequate, 9% surplus. Subsoil moisture 2% very short, 13% short, 76% adequate, 9% surplus. Peanut condition; 1% very poor, 6% poor, 26% fair, 61% good, 6% excellent. White mold on peanuts. Peanut harvest started in Dixie County. Escambia County finished harvesting corn. Cotton fair condition, some show signs of disease. Army worms still a problem in Panhandle. Palm Beach County; sugarcane planting started. Vegetable; southwest Florida preparing land, laying plastic, planting fall vegetables. Vegetable crops being planted in Miami-Dade County; okra, boniato, malanga; harvested – okra, boniato, avocado, malanga, bitter melon. Pasture condition; 3% poor, 24% fair, 65% good, 8% excellent. Cattle condition; 1% poor, 15% fair, 71% good, 13% excellent. Cattle, pasture conditions generally good. Rain in Jefferson County improved pasture moisture level. Some Okeechobee County pasture had standing water. Rainfall in citrus producing area widespread, generally heavy. All stations received some precipitation, Lake Alfred (Polk County) received the most at 5.06 inches. Daytime highs, low to mid 90s. Per U.S. Drought Monitor, abnormally dry conditions returned to western production area. Next season's citrus crop progressing well. Growers, caretakers mowing, irrigating, treating trees affected with greening, giving care to new trees.

GEORGIA: Days suitable for fieldwork 5.6. Topsoil moisture 9% very short, 37% short, 50% adequate, 4% surplus. Subsoil moisture 13% very short, 36% short, 49% adequate, 2% surplus. Range and pasture condition 2% very poor, 17% poor, 42% fair, 35% good, 4% excellent. Corn harvested 87%, 67% 2013. Hay 3rd Cutting 63%, NA% 2013. Sorghum condition 1% very poor, 6% poor, 42% fair, 46% good, 5% excellent. Sorghum harvested 30%, 20% 2013. Soybean condition 3% very poor, 8% poor, 30% fair, 55% good, 4% excellent. Tobacco harvested 79%, 90% 2013. Precipitation estimates for the state ranged from 0.8 inches of rain up to 4.3 inches. Average high temperatures ranged from the high 80s to the mid 90s. Average low temperatures ranged from the mid 70s to the low 70s.

HAWAII: Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 1% short, 99% adequate, 0% surplus. On September 2, the U.S. Drought Monitor reported that 98.73 percent of the State was not abnormally dry or drier; 0.66 percent less from the previous week. The rainfall averaged 0.82 inches across the state. On the Big Island, pastures from Hamakua to Kohala were green and in good condition from the steady overnight rains received over the last few weeks. In Waimea irrigation use increased slightly due to the warm temperatures and reduced precipitation. It was reported that livestock in the Puna district was evacuated to other locations due to lava approaching near Kaohe Homesteads, where several hundred animals are kept on homesteads and pastures. On Maui, crops continued to make steady progress. Heavy irrigation for most crops continued to be necessary to maintain growth and development and reduce stress in the fields. The upper elevation fields were able to benefit from the afternoon cloud cover. Growers were preparing to transplant crops for the fall harvest. Active sugarcane harvesting continued last week.

IDAHO: Days suitable for field work 6.6 days. Topsoil moisture 3% very short 25% short, 71% adequate, 1% surplus. Subsoil moisture 6% very short, 30% short, 64% adequate. Winter wheat harvested 93%, 100% 2013, 97% avg. Barley harvested 87%, 94% 2013, 80% avg. Corn for silage harvested 35%, 11% 2013, 8% avg. Corn condition 2% poor, 35% fair, 61% good, 2% excellent. Dry beans harvested 32%, 25% 2013, 31% avg. Dry beans condition 4% very poor 9% poor, 13% fair, 69% good, 5% excellent. Dry peas harvested 96%, 96% 2013, 77% avg. Hay alfalfa second cutting 98%, 100% 2013, 100% avg. Hay alfalfa third cutting 74%, 67% 2013, 60% avg. Oats harvested 85%, 84% 2013, 78% avg. Onions 6%, 33% 2013, 29% avg. Potatoes harvested 6%, 5% 2013, 6% avg. Potatoes condition 1% very poor, 4% poor, 24% fair, 56% good, 15% excellent. Spring wheat harvested 77%, 94% 2013, 79% avg. Spring wheat condition 14% very poor, 25% poor, 26% fair, 31% good, 4% excellent. Irrigation water supply conditions 4% very poor, 8% poor, 22% fair, 56% good, 10% excellent. Pasture and range conditions 1% very poor, 6% poor, 32% fair, 48% good, 13% excellent. The northern region of the state received the most rainfall for the week. Major agricultural activities for the week included caring for livestock, irrigating, cutting alfalfa, and harvesting small grains and legumes. Warm dry weather helped farmers make good progress on cereal harvest. Weather conditions have been ideal for both drying beans and alfalfa. Jerome County extension agent reported some counties within Magic Valley have a disaster declaration for rain damaged cereals. Crop damage has been reported for the southeastern region specifically in wheat and barley; sprouting and sooty mold were reported due to increased precipitation during August. Cattle and range continued to be in good condition.

ILLINOIS: Days suitable for fieldwork 4.4. Topsoil moisture 1% very short, 7% short, 82% adequate, 10% surplus. Subsoil moisture 1% very short, 15% short, 79% adequate, 5% surplus. Statewide precipitation averaged 1.25 inches, 0.67 inches above normal. Statewide temperature averaged 72.7 degrees, 1.7 degrees above average. Rainfall and warm temperatures continued throughout the state last week. A few cases of Sudden Death Syndrome in soybeans were reported in some parts of Illinois.

INDIANA: Days suitable for fieldwork, 4.4. Topsoil moisture 1% very short, 9% short, 73% adequate, 17% surplus. Subsoil moisture 1% very short, 12% short, 75% adequate, 12% surplus. Alfalfa hay third cutting 86%, 2013 95%, 5ya 92%. Alfalfa hay fourth cutting 31%. Other hay third cutting 75%. Tobacco cut 39%. By region, corn denting was 61% in North, 65% in Central, and 72% in the South. By region, corn mature was 10% in North, 17% in Central, and 20% in South. By region, soybeans dropping leaves was 17% in the North, 21% in Central, and 13% in South. Average temperatures for the week ending September 7 ranged from 71 to 77 degrees, and from 3 degrees to 8 degrees above normal. The lowest recorded temperature for the week was 46 degrees; the highest, 93 degrees. The statewide average temperature for the week was 73.0 degrees, 2.8 degrees above normal. Recorded precipitation ranged from 0.43 to 2.68 inches, with a statewide average of 1.23 inches. Warmer temperatures and above average rainfall helped bring harvest closer and kept farmers busy. Corn is beginning to dry down with 74% in good to excellent condition, exceeding last year's crop by 12%. Soybeans are beginning to turn color and exhibit similar conditions at 70% good to excellent this year, versus 56% last year. However, some farmers remain concerned about disease and rot in the fields after the last few weeks' cool and rainy weather. Farmers have continued harvesting corn silage, seed corn, tomatoes and potatoes. Hay cutting continues to be slow in wetter areas of the state. Livestock was in good condition. Other activities for the week included cleaning bins, hauling grain, preparing equipment for harvest, and roadside mowing.

IOWA: Days suitable for fieldwork 3.7. Topsoil moisture 0% very short, 7% short, 79% adequate, and 14% surplus. Subsoil moisture 2% very short, 12% short, 78% adequate, and 8% surplus. Soybean leaves turning color 26%, 11% 2013, 39% average. Alfalfa 3rd cutting 64%, 83% 2013, 85% average. All hay condition 0% very poor, 6% poor, 27% fair, 50% good, 17% excellent. Precipitation early in the week slowed fieldwork across Iowa during the week. Average temperatures for the week were above normal aiding crop development. Disease concerns were reported in both corn and soybeans across parts of the State. Activities for the week included chopping silage, harvesting hay, and seeding cover crops. Livestock conditions were reported as excellent with limited heat and insect stress.

KANSAS: Days suitable for fieldwork 4.8. Topsoil moisture supplies rated 9% very short, 25% short, 64% adequate, and 2% surplus. Subsoil moisture supplies rated 18% very short, 32% short, 49% adequate, and 1% surplus. Sunflowers blooming 91%, 96% 2013, 95% avg; ray flowers dried 36%, 54% 2013, 52% avg; turning yellow 12%, 18% 2013, 24 avg; conditions 3% very poor, 7% poor, 32% fair, 51% good 7% excellent. Alfalfa third cutting 93%, 98% 2013, 96% avg; fourth cutting 38%, 23% 2013, 36% avg; conditions 5% very poor, 12% poor, 39% fair, 37% good, 7% excellent; Corn harvested 12%, 3% 2013, 16% avg; conditions 6% very poor, 11% poor, 29% fair, 41% good, 13% excellent; Stock water supplies were rated 8% very short, 17% short, 74% adequate, and 1% surplus. Thunderstorms brought rain to much of Kansas with some areas in the east reporting three or more inches. The wet conditions delayed corn harvest. As field conditions allowed, farmers were fertilizing and preparing wheat fields for planting.

KENTUCKY: Days suitable fieldwork 5.4. Topsoil 5% very short, 20% short, 66% adequate, 9% surplus. Subsoil moisture 4% very short, 26% short, 64% adequate, 6% surplus. Precipitation averaged 0.72 inches, 0.05 inches below normal. Temperatures averaged 76 degrees, 3 degrees above normal. Corn harvested 8%, 1% 2013, 21% average. Soybeans blooming 96%, 97% 2013, 99% average; setting pods 87%, 89% 2013, 94% average; turning color 33%. Tobacco topped 91%, 89% 2013, 96% average; cut 50%, 52% 2013, 53% average. Tobacco set condition 1% very poor, 5% poor, 21% fair, 53% good, 20% excellent. All hay condition 1% very poor, 6% poor, 24% fair, 56% good, 13% excellent. Livestock condition 1% very poor, 2% poor, 16% fair, 66% good, 15% excellent. Primary activities this week included harvesting hay and tobacco, chopping silage, and harvesting corn in some locations across the state.

LOUISIANA: Days suitable for fieldwork, 4.5. Topsoil moisture 1% very short, 10% short, 54% adequate, 35% surplus. Subsoil moisture 1% very short, 11% short, 62% adequate, 26% surplus. Corn mature 100% this week, 99% last week, 100% last year, 100% average. Corn harvested 82% this week, 67% last week, 96% last year, 97% average. Sweet Potatoes harvested 17% this week, 15% last week, 19% last year, 12% average. Hay second cutting 96% this week, 95% last week, 98% last year, 96% average. Sugarcane planted 57% this week, 42% last week, 66% last year, 66% average. Sugarcane condition 2% very poor, 10% poor, 35% fair, 40% good, 13% excellent. Vegetables condition 2% very poor,

19% poor, 40% fair, 37% good, 2% excellent. Pasture condition 0% very poor, 7% poor, 25% fair, 56% good, 12% excellent. Livestock condition 0% very poor, 6% poor, 29% fair, 54% good, 11% excellent.

MARYLAND: Days suitable for fieldwork, 6.0. Topsoil moisture; 1% very short, 11% short, 86% adequate and 2% surplus. Subsoil moisture; 0% very short, 11% short, 89% adequate and 0% surplus. Apples condition; 0% very poor, 1% poor, 2% fair, 95% good, 2% excellent. Corn condition; 1% very poor, 3% poor, 7% fair, 58% good, 31% excellent. Pasture and Range Condition; 1% very poor, 5% poor, 20% fair, 51% good, and 31% excellent. Soybean condition; 1% very poor, 3% poor, 17% fair, 51% good, 28% excellent. Alfalfa 3rd cutting; 95% this year, 94% last year, 96% five year average. Alfalfa 4th cutting; 71% this year, 61% last year, 43% five year average. Apples Harvested; 45% this year, 43% last year, 43% five year average. Corn Dough; 94% this year, 99% last year, 98% five year average. Corn dented; 68% this year, 84% last year, 85% five year average. Corn Mature; 22% this year, 49% last year, 46% five year average. Cucumbers Harvested; 90% this year, 83% last year, 90% five year average. Lima Beans harvested; 50% this year, 72% last year, 69% five year average. Other hay 2nd cutting; 80% this year, 100% last year, 99% five year average. Other hay 3rd cutting; 38% this year, 66% last year, 54% five year average. Peaches Harvested; 94% this year, 95% last year, 96% five year average. Potatoes Harvested; 75% this year, 100% last year, 100% five year average. Snap Beans Harvested; 80% this year, 93% last year, 91% five year average. Soybean setting pods; 97% this year, 93% last year, 93% five year average. Soybean fully podded; 68% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 93% this year, 89% last year, 89% five year average. Tomatoes Harvested; 85% this year, 76% last year, 83% five year average. Watermelon Harvested; 94% this year, 84% last year, 84% five year average. Hay and Roughage Supplies; 0% very short, 16% short, 78% adequate and 6% surplus. Field activities for the week include cutting hay, harvesting vegetable and corn for silage.

MICHIGAN: Days suitable for fieldwork 4.8. Topsoil moisture 7% very short, 9% short, 72% adequate, 12% surplus. Subsoil moisture 8% very short, 11% short, 72% adequate, 9% surplus. Dry edible beans dropping leaves 34%, 32% last year, 38% 5-year average. Dry edible beans harvested 1%, 0% last year, 6% 5-year average. Dry edible beans condition 2% very poor, 5% poor, 24% fair, 52% good, 17% excellent. Oats harvested 84%. Barley harvested 82%. Corn for silage harvested 4%. Alfalfa hay third cutting 63%. Other hay second cutting 90%, other hay third cutting 38%. Precipitation for the week ending September 7 ranged between 0.98 inch and 2.04 inches in the Upper Peninsula and between 0.16 inch and 5.46 inches in the Lower Peninsula. Temperatures ranged from 39 degrees to 96 degrees, with a state average of 67.4 degrees Fahrenheit, 3.6 degrees above normal. Recent rains have eased the last couple of months' drought stress by supplying adequate moisture to soil while high relative humidity has favored crops by reducing evaporative demand. White mold infestations of soybean crop especially in the eastern part of the state have required reapplication of pest and disease control chemicals. Persistent wet conditions have also hindered hay cutting and drying as well as small grain harvest. Sugarbeet, dry bean, and silage harvests have commenced in some areas. Corn condition was 72% good to excellent compared to 66% last year. Soybeans condition was 63% good to excellent compared to 60% last year. Harvest of principal fall apple varieties approached. Gala harvest will commence this week. Fruit size is excellent. Bartlett pear harvest continued; Harrow Sweets will be harvested in about one week. Glowingsstar, Fayette, and PF28-007 were among peach varieties harvested. Bluefre, NY9, and Damson plum varieties were picked. Concord grape veraison was complete. Several vinifera and hybrid varieties in northwest have also colored. Powdery mildew infection levels were high at some sites. Fall raspberry harvest continued. The harvest of Elliott and other late season blueberries continued. The harvest season will be shorter than last year due to damage from last winter. Pumpkin harvest has started in the southwest and although powdery mildew has been an issue the crop is faring well. Downy mildew continues to cause concern in cucumbers, pickles and cantaloupe. High aphid populations have been observed in some pepper and vine crop fields. Second plantings of sweet corn in the Bay area have made good progress and are about knee high. Summer squash and zucchini second plantings have started flowering and setting fruit. Onion harvest continued in the west central region. Foliar disease in carrots has become more evident in some Oceana County fields. Cabbage harvest is ongoing in the southeast with white mold and soft rot causing some abandonment. Fall planting of lettuce, broccoli, and cauliflower also continued in the area. Late blight has been reported in both potatoes and tomatoes across most areas of the state. Growers have been applying fungicides to control the problem, as potato harvest continues. Rainy weather and high humidity have been conducive for bacterial disease development in most vegetable crops.

MINNESOTA: Days suitable for fieldwork 4.4. Topsoil moisture rated 0% very short, 7% short, 82% adequate, and 11% surplus. Subsoil moisture rated 0% very short, 11% short, 83% adequate, and 6% surplus. Increasing moisture levels

helped improve pasture and row crop conditions for many Minnesota crops, but farmers would like to see warmer conditions to advance row development.

MISSISSIPPI: Days suitable for field work 5.1. Topsoil moisture 5% very short, 25% short, 64% adequate, 6% surplus. Subsoil moisture 4% very short, 26% short, 62% adequate, 8% surplus. Corn 100% dented this week, 98% last week, 100% 2013, 100% Avg. Corn 92% mature this week, 85% last week, 97% 2013, 99% Avg. Corn 61% harvested this week, 42% last week, 56% 2013, 79% Avg. Corn condition was 0% very poor, 6% poor, 18% fair, 44% good, 32% excellent. Hay, second cutting, 91% cut this week, 89% last week, 90% 2013, 89% Avg. Hay condition was 1% very poor, 5% poor, 32% fair, 52% good, 10% excellent. Peanuts 15% dug this week, 6% last week, 9% 2013, 5% Avg. Peanuts 7% harvested this week, 3% last week, 6% 2013, 4% Avg. Peanuts condition was 0% very poor, 3% poor, 24% fair, 62% good, 11% excellent. Sorghum 89% coloring this week, 79% last week, 92% 2013, 98% Avg. Sorghum 61% mature this week, 45% last week, 42% 2013, 83% Avg. Sorghum 21% harvested for grain or seed this week, 7% last week, 9% 2013, 37% Avg. Sorghum condition was 0% very poor, 11% poor, 28% fair, 44% good, 17% excellent. Sweet Potatoes 9% harvested this week, 5% last week, 6% 2013, 13% Avg. Sweet potatoes condition was 0% very poor, 0% poor, 30% fair, 45% good, 25% excellent. Watermelon 100% harvested this week, 98% last week, 100% 2013, 100% Avg. Livestock condition was 0% very poor, 3% poor, 23% fair, 58% good, 16% excellent. Pasture and range condition was 1% very poor, 7% poor, 27% fair, 53% good, 12% excellent. Blueberries condition was 0% very poor, 1% poor, 30% fair, 64% good, 5% excellent. Rain was widespread throughout the state, with the southwest region receiving an average of 1.76 inches.

MISSOURI: Days suitable for fieldwork 4.9. Topsoil moisture 3% very short, 19% short, 69% adequate, 9% surplus. Subsoil moisture 4% very short, 29% short, 62% adequate, 5% surplus. Hay and roughage supplies 6% short, 85% adequate, 9% surplus. Stock water supplies 2% very short 12% short, 80% adequate, 6% surplus. Temperatures averaged 75.0 degrees statewide, 1.8 degrees above normal. Rain averaged 1.56 inches statewide.

MONTANA: Days suitable for field work 5.8, 5.9 last year. Topsoil moisture 2% very short, 11% last year; 11% short, 33% last year; 70% adequate, 51% last year; 17% surplus, 5% last year. Subsoil moisture 3% very short, 13% last year; 13% short, 30% last year; 73% adequate, 53% last year; 11% surplus, 4% last year. Canola 66% harvested, 76% last year. Corn for silage 8% harvested, 7% last year. Corn condition 3% poor, 3% last year; 30% fair, 40% last year; 52% good, 38% last year; 15% excellent, 18% last year. Dry beans 41% harvested, 55% last year. Dry peas 90% harvested, 93% last year. Flaxseed 92% turning, 100% last year. Flaxseed 14% harvested, 68% last year. Alfalfa hay – 2nd cutting 87% harvested, 89% last year. Other hay – 2nd cutting 66% harvested, 80% last year. Lentils 84% harvested, 76% last year. Oats 85% harvested, 85% last year. Potatoes condition 5% fair, 22% last year; 73% good, 43% last year; 22% excellent, 28% last year. Sugarbeets condition 1% very poor, 1% last year; 1% poor, 7% last year; 12% fair, 32% last year; 46% good, 42% last year; 40% excellent, 18% last year. Durum wheat 94% turning, 100% last year. Durum wheat 29% harvested, 37% last year. Durum wheat condition 5% very poor, 11% last year; 11% poor, 12% last year; 34% fair, 43% last year; 49% good, 30% last year; 1% excellent, 4% last year. Livestock moved from summer ranges – cattle and calves 4% moved, 16% last year. Livestock moved from summer ranges – sheep and lambs 11% moved, 22% last year. Drier conditions during the week allowed producers to continue with small grain harvest. Where small grains were harvested, producers were busy seeding winter wheat following recent rainfall. Excess moisture in portions of northeastern Montana has led to a drop in wheat protein levels, sprouting, and bleached kernels.

NEBRASKA: Days suitable for fieldwork 5.0. Topsoil moisture 4% very short, 23% short, 68% adequate, and 5% surplus. Subsoil moisture 8% very short, 27% short, 63% adequate, and 2% surplus. Hay alfalfa condition rated 2% very poor, 6% poor, 29% fair, 52% good and 11% excellent. Hay alfalfa 3rd cutting 95%, 94% 2013, 92% avg. Hay alfalfa 4th cutting 34%, 12% 2013, 30% avg. Dry bean conditions 2% very poor, 1% poor, 15% fair, 62% good, 20% excellent. Setting pods 94%. Dropping leaves 69%, 74% 2013, 44% avg. Dry beans harvested 4%, 15% 2013, 8% avg. Proso millet harvested 3%, 42% 2013, 18% avg. Stock water supplies 1% very short, 6% short, 92% adequate, and 1% surplus. Cool temperatures coupled with rain slowed fieldwork activities early and again late in the week. Moisture accumulations in most areas were less than an inch but enough to make hay harvest difficult. Irrigation is in the final stages and corn silage harvest has begun in southern counties. Winter wheat seeding was underway in the west.

NEVADA: Days suitable for fieldwork 7. Topsoil Moisture 20% Very Short, 25% Short, 55% Adequate. Subsoil moisture 30% Very Short, 40% Short, 30% Adequate. Range conditions were 35 percent poor to very poor and 65 percent fair to excellent. Alfalfa hay harvest remained active. Main farm and ranch activities included irrigation, hay harvest,

weed and insect control, and livestock tending. Temperatures were above normal for most of the State. Las Vegas had a high of 106 degrees and Winnemucca experienced a low of 42 degrees. Las Vegas was the only station that reached the 100 degree mark during the week. All the stations only received trace amounts of rainfall during this time. The central portion of the State experienced high scattered clouds during the middle and latter days of the week.

NEW ENGLAND: Days suitable for fieldwork, 6.0. Topsoil moisture; 2% very short, 14% short, 71% adequate and 13% surplus. Subsoil moisture; 3% very short, 10% short, 72% adequate, 15% surplus. Blueberries, wild condition (ME); 0% very poor, 10% poor, 0% fair, 75% good, 15% excellent. Blueberries, wild progress (ME); 96% harvested. Blueberries, tame condition; 1% very poor, 1% poor, 17% fair, 66% good, 15% excellent. Blueberries, tame progress; 94% harvested. Cranberries condition (MA); 0% very poor, 10% poor, 35% fair, 45% good, 10% excellent. Barley all condition (ME); 0% very poor, 0% poor, 0% fair, 30% good, 70% excellent. Barley all progress (ME); 85% harvested. Corn all condition; 0% very poor, 1% poor, 8% fair, 61% good, 30% excellent. Oats all condition (ME); 0% very poor, 0% poor, 0% fair, 20% good, 80% excellent. Oats all progress (ME); 75% harvested. Hay all condition; 0% very poor, 1% poor, 12% fair, 54% good, 33% excellent. Hay all progress; 97% second cutting, 68% third cutting. Potatoes all condition; 0% very poor, 0% poor, 0% fair, 56% good, 44% excellent. Potatoes all progress; 35% harvested. Apples all condition; 1% very poor, 1% poor, 14% fair, 72% good, 12% excellent. Apples all progress; 19% harvested. Peaches all condition; 0% very poor, 3% poor, 26% fair, 69% good, 2% excellent. Peaches all progress; 78% harvested. Pears all condition; 4% very poor, 1% poor, 23% fair, 67% good, 5% excellent. Pears all progress; 24% harvested. Pasture and range; 0% very poor, 10% poor, 27% fair, 41% good, 22% excellent. Sweet corn all progress; 84% harvested. Sweet corn all condition; 0% very poor, 0% poor, 27% fair, 61% good, 12% excellent. CT Valley binder tobacco all condition; 11% very poor, 0% poor, 11% fair, 70% good, 8% excellent. CT Valley binder tobacco progress; 92% harvested. CT Valley shade tobacco all condition; 0% very poor, 0% poor, 2% fair, 98% good, 0% excellent. CT Valley shade tobacco progress; 96% harvested.

NEW JERSEY: Days suitable for fieldwork, 6.5. Topsoil moisture; 6% very short, 20% short, 66% adequate and 8% surplus. Subsoil moisture; 5% very short, 21% short, 61% adequate and 13% surplus. Bell Peppers all progress; 75% harvested. Corn all progress; 88% milk, 80% dough. Hay Alfalfa all progress; 97% second cutting, 47% third cutting. Other Hay all progress; 92% second cutting, 13% third cutting. Sweet Corn all progress; 82% harvested. Apples all condition; 0% very poor, 5% poor, 44% fair, 48% good, 3% excellent. Corn all conditions; 1% very poor, 6% poor, 35% fair, 50% good, 8% excellent. Hay Alfalfa conditions; 2% very poor, 10% poor, 41% fair, 43% good, 4% excellent. Other Hay conditions; 0% very poor, 6% poor, 38% fair, 46% good, 10% excellent. Pasture and range conditions are; 5% very poor, 17% poor, 48% fair, 27% good, and 3% excellent. Soybeans all conditions; 0% very poor, 4% poor, 28% fair, 61% good, 7% excellent. The following crops are being planted: arugula, baby arugula, spinach, basil, beets, cilantro, cabbage, collards cucumbers, dill, eggplant, escarole, endive, green onions, kale, leeks, mint, parsley, peppers, pumpkins, radishes, summer dandelion, spinach, summer and winter squash, sweet corn, sweet potatoes, Swiss chard, tomatoes, turnips, and white potatoes. Crops being planted: radishes, green onions, kale and cover crops. Other Field activities: Some irrigation, hay work, livestock condition good, milk production down slightly due to heat stress.

NEW MEXICO: Days suitable for fieldwork 6.8. Topsoil moisture 32% very short, 26% short, 41% adequate and 1% surplus. Subsoil moisture 33% very short, 28% short, 38% adequate and 1% surplus. Alfalfa fourth cutting 95% complete, 96% 2013, 96% avg; fifth cutting 55% complete, 70% 2013, 58% avg; sixth cutting 6% complete, 7% 2013, 4% avg; 2% very poor, 7% poor, 34% fair, 46% good and 11% excellent. Corn dough 80%, 88% 2013, 87% avg; dented 50%, 57% 2013, 52% avg; harvested silage 36%, 39% 2013, 33% avg; 1% very poor, 3% poor, 25% fair, 41% good and 30% excellent. Cotton setting bolls 90%, 90% 2013, 85% avg; bolls opening 25%, 21% 2013, 22% avg; 5% poor, 50% fair, 23% good and 22% excellent. Winter wheat planted 3%, 7% 2013, 23% avg. Peanuts pegging 95%, 99% 2013, 93% avg; 3% very poor, 20% poor, 71% fair and 6% good. Pecans 24% fair, 60% good and 16% excellent. Green chile harvested 58%, 63% 2013, 69% avg; 5% poor, 50% fair, 39% good and 6% excellent. Lettuce planted 82%, 86% 2013, 71% avg. Cattle 2% very poor, 10% poor, 41% fair, 44% good and 3% excellent. Sheep 19% very poor, 24% poor, 31% fair and 26% good. Average temperatures were above normal statewide. Almost all locations received rain.

NEW YORK: Days suitable for fieldwork, 5.5. Topsoil moisture, 2% very short, 5% short, 67% adequate, 26% surplus. Subsoil moisture, 1% very short, 3% short, 72% adequate, 24% surplus. Fall Tillage, 22% this week, 12% last week. Barley Mature, 88% this week, 86% last week. Barley Harvested, 74% this week, 67% last week. Cabbage Harvested, 74% this week, 60% last week. Corn Silking, 97% this week, 93% last week. Corn Dough, 64% this week, 45% last week. Corn Dented, 32% this week, 13% last week. Corn Silage, 12% this week, 5% last week, 4% previous year, 9% average. Hay Alfalfa Second Cutting, 96% this week, 94% last week, 100% previous year, 99% average. Hay Alfalfa Third

Cutting, 74% this week, 65% last week, 71% previous year, 68% average. Hay Other Second Cutting, 95% this week, 92% last week. Hay Other Third Cutting, 63% this week, 56% last week. Oats Harvested, 92% this week, 81% last week, 97% previous year, 95% average. Onions Harvested, 41% this week, 32% last week, 39% previous year, 58% average. Potatoes Harvested, 32% this week, 30% last week, 39% previous year, 44% average. Snap Beans Harvested, 77% this week, 69% last week, 81% previous year, 71% average. Soybeans Setting Pods, 85% this week, 76% last week. Sweet Corn Harvested, 78% this week, 66% last week, 77% previous year, 74% average. Apples Harvested, 29% this week, 27% last week, 25% previous year, 27% average. Peaches Harvested, 68% this week, 42% last week, 92% previous year, 95% average. Pears Harvested, 50% this week, 42% last week, 59% previous year, 71% average. Barley condition, 0% very poor, 3% poor, 19% fair, 61% good, 17% excellent. Corn condition, 1% very poor, 3% poor, 18% fair, 50% good, 28% excellent. Hay Alfalfa condition, 2% very poor, 4% poor, 18% fair, 56% good, 20% excellent. Hay Other Than Alfalfa condition, 2% very poor, 6% poor, 21% fair, 52% good, 19% excellent. Oats condition, 1% very poor, 2% poor, 20% fair, 61% good, 16% excellent. Pasture and Range condition, 10% very poor, 8% poor, 22% fair, 48% good, 12% excellent. Snap Beans condition, 7% very poor, 7% poor, 21% fair, 49% good, 16% excellent. Soybeans condition, 0% very poor, 4% poor, 16% fair, 53% good, 27% excellent. Apples condition, 3% very poor, 10% poor, 41% fair, 40% good, 6% excellent. Grapes condition, 2% very poor, 3% poor, 13% fair, 65% good, 17% excellent. Peaches condition, 6% very poor, 12% poor, 42% fair, 34% good, 6% excellent. Pears condition, 4% very poor, 7% poor, 12% fair, 63% good, 14% excellent. Field activities for the week include hauling and spreading manure, plowing of fields, mowing and bailing hay, mowing pastures, spraying of trees, and fixing machinery.

NORTH CAROLINA: Days suitable for field work 5.9. Topsoil moisture 5% very short, 24% short, 66% adequate and 5% surplus. Subsoil moisture 2% very short, 20% short, 73% adequate and 5% surplus. The state received widespread showers during the week with some areas receiving between 1.0 and 2.0 inches of rain. Average temperatures jumped back above normal by 7 to 10 degrees with some areas recording highs around 98 degrees. Reported crop progress data for the week showed soybeans blooming at 93% and leaf drop at 11%. Cotton bolls opening jumped from 18% to 30%. Reports for corn showed dented at 94%, mature at 87%, harvested for grain at 39% and harvested for silage at 57%. Flue-cured tobacco harvest made progress and moved to 58% while Burley is set at 35% harvested. Sweet potato harvest is at 20%. The second cutting of hay is at 92% with 3rd cutting reported at 60%, peaches harvested at 88% and apple harvest at 53%.

NORTH DAKOTA: Days suitable for fieldwork 4.6. Topsoil moisture 0% very short, 3% short, 78% adequate, 19% surplus. Subsoil moisture 0% very short, 4% short, 82% adequate, 14% surplus. Winter wheat harvested 76%. Durum wheat turning color 96%, 99% 2013, 98% avg.; mature 69%; harvested 20%, 45% 2013, 53% avg.; condition 0% very poor, 4% poor, 19% fair, 71% good, 6% excellent. Spring wheat mature 92%. Barley condition 0% very poor, 5% poor, 23% fair, 60% good, 12% excellent. Oats mature 93%; condition 2% very poor, 4% poor, 15% fair, 68% good, 11% excellent. Canola harvested 40%, 53% 2013, 59% avg.; condition 0% very poor, 2% poor, 14% fair, 62% good, 22% excellent. Flaxseed turning color 95%, 89% 2013, 95% avg.; harvested 16%, 21% 2013, 33% avg.; condition 0% very poor, 2% poor, 19% fair, 71% good, 8% excellent. Dry edible peas harvested 84%, 92% 2013, 94% avg. Dry beans dropping leaves 75%, 58% 2013, 55% avg.; harvested 8%, 9% 2013, 12% avg.; condition 2% very poor, 8% poor, 25% fair, 54% good, 11% excellent. Potatoes vines dry 25%, 23% 2013, 39% avg.; condition 2% very poor, 6% poor, 27% fair, 54% good, 11% excellent. Sugarbeets harvested 2%, 3% 2013, 5% avg.; condition 1% very poor, 7% poor, 28% fair, 49% good, 15% excellent. Sunflowers ray flowers dried 60%, 44% 2013, 63% avg.; bracts yellow 4%, 9% 2013, 27% avg.; condition 0% very poor, 1% poor, 16% fair, 70% good, 13% excellent. Alfalfa 2nd cutting 84%, 100% 2013, 96% avg.; condition 1% very poor, 3% poor, 13% fair, 63% good, 20% excellent. Stock water supplies 0% very short, 2% short, 83% adequate, and 15% surplus. Persistent rainfall hindered harvest of small grains. The northern and central parts of the State received enough moisture to significantly slow harvest progress. Hail was reported in isolated areas, impacting standing crops. Even though the southern third of the State received some mid-week moisture, it was not as much as the rest of the State and producers were able to make good harvest progress. Warmer and drier conditions were needed to help row crops reach maturity.

OHIO: Days suitable for fieldwork 5.7. Topsoil moisture 4% very short 24% short, 63% adequate, 9% surplus. Subsoil moisture 3% very short 22% short, 66% adequate, 9% surplus. Corn harvested for silage 14%, NA 2013, NA 5YA. Tobacco cut 23%, NA 2013, NA 5YA. Alfalfa hay third cutting 85%, NA 2013, NA 5YA. Alfalfa hay fourth cutting 28%, NA 2013, NA 5YA. Other hay third cutting 70%, NA 2013, NA 5YA. Average temperatures recorded around the State ranged from 70 to 77 degrees or three to ten degrees above normal. The lowest recorded temperature was 46 degrees and

the highest was 95 degrees. The statewide average temperature for the week was 73.0 degrees, 4.4 degrees warmer than normal. Recorded precipitation ranged from 0.04 to 3.42 inches, with a statewide average of 0.88 inches. Producers are hoping for warmer conditions and just enough moisture to get crops to a timely harvest. Corn condition was 76% good to excellent compared to 80% at this time last year. Soybeans dropping leaves is slightly behind the previous year and five year average. Soybean condition was 71% good to excellent, compared to 72% at this time last year. Some producers are still concerned with the threat of an early frost, as the weather has been unpredictable.

OKLAHOMA: Days suitable for fieldwork 5.5. Topsoil moisture 14% very short, 40% short, 44% adequate, 2% surplus. Subsoil moisture 28% very short, 43% short, 29% adequate, 0% surplus. Wheat seedbed prepared 52% this week, 40% last week, 51% last year, 52% average. Oats seedbed preparation 31% this week, 27% last week, 26% last year, 37% average. Rye seedbed preparation 49% this week, 41% last week, 31% last year, 47% average. Canola seedbed preparation 70% this week, 40% last week, 34% last year, N/A% average. Soybeans setting pods 87% this week, 79% last week, 78% last year, 80% average. Peanuts mature 24% this week, 18% last week, 27% last year, 17% average. Alfalfa condition 7% very poor, 16% poor, 37% fair, 35% good, 5% excellent; third cutting 93% this week, 91% last week, 95% last year, 86% average; fourth cutting 52% this week, 40% last week, 51% last year, 51% average. Other Hay condition 7% very poor, 16% poor, 40% fair, 33% good, 4% excellent; second cutting 66% this week, 58% last week, 71% last year, 57% average. Watermelons harvested 93% this week, 90% last week, 90% last year, 94% average. Livestock condition 1% very poor, 3% poor, 27% fair, 60% good, 9% excellent. Pasture and range condition 5% very poor, 14% poor, 36% fair, 39% good, 6% excellent. The month of September started nicely with a statewide average rainfall total of 1.51 inches in the first week of the month. The week began with hot and humid summer temperatures followed by a cool front that swept through the state toward the end of the week. The cool front brought nice precipitation totals to the Panhandle, Central and Western Oklahoma, which are the areas that need it most. The Northeast District also received heavy rains last week with a total as high as 7.2 inches recorded in Foraker, Oklahoma located in Osage County. Heavy precipitation totals were good for soybean crops and to improve pasture. Row crops continued to make good progress and producers were preparing for sorghum harvest. Cotton crops in the far Southwest District were showing signs of stress with 40 percent rated good compared to 54 percent rate good one week ago. Temperatures for the week ranged from 52 degrees at Alva on Sunday, September 7th to 102 degrees at Grandfield on Monday, September 1st. Topsoil and subsoil moisture conditions were rated mostly adequate to short.

OREGON: Days suitable for field work 6.8 days. Topsoil Moisture 22% Very Short, 43% Short, 32% Adequate, 3% Surplus. Subsoil Moisture 21% Very Short, 42% Short, 36% Adequate, 1% Surplus. Range and Pasture 18% Very Poor, 27% Poor, 34% Fair, 21% Good, 0% Excellent. Spring Wheat Harvested 98%, 96% 2013, 95% avg. Hay 3rd cutting 79%, 47% 2013, 64% avg. Hay 4th cutting 2%, (NA) 2013, (NA) avg. Barley Harvested 96%, 92% 2013, 96% avg. Winter Wheat Planted 0%, 3% 2013, 4% avg. Producers Preparing for Fall Planting in Oregon. Days suitable for fieldwork were 6.8. Pasture and range conditions were reported to be 18% very poor, 27% poor, 34% fair, 21% good, and 0% excellent. In western Oregon producers were preparing soil for fall planting. The last of the red clover was harvested this week. Field corn was filling ears. Apple harvest was starting and Bartlett pears were being picked. Blackberries were small due to a lack of water. Tomatoes were doing well. Wine grape harvest was beginning. Sweet corn rotational plantings were maturing on schedule and going to processors. Pastures were dry and stock on supplemental feed. Only irrigated and sub-irrigated pastures were producing any forage. In eastern Oregon hot weather allowed producers to bale the fourth cutting of hay. Other producers were preparing to harvest the fourth cutting of hay. Corn harvest was in its third week. Some potatoes were being harvested.

PENNSYLVANIA: Days suitable for fieldwork, 5.5. Topsoil moisture, 1% very short, 17% short, 76% adequate, and 6% surplus. Subsoil moisture, 1% very short, 14% short, 77% adequate, 8% surplus. Hay alfalfa third cutting, 76% this week, 92% last year, 94% average. Hay alfalfa fourth cutting, 45% this week, 43% last year, 47% average. Apples harvested, 28% this week, 47% last year, 46% average. Corn milk, 91% this week, 100% last year, 100% average. Corn dough, 79% this week, 92% last year, 87% average. Corn dent, 49% this week, 52% last year, 59% average. Corn harvested for silage, 28% this week, 22% last year, 31% average. Fall Tillage, 20% this year, n/a last year, n/a average. Grapes harvested, 5% this week, 3% last year, 4% average. Oats harvested, 92% this week, 99% last year, 98% average. Hay other than alfalfa second cutting, 86% this week, 95% last year, 94% average. Hay other than alfalfa third cutting, 58% this week, n/a last year, n/a average. Peaches harvested, 76% this week, 95% last year, 94% average. Potatoes harvested, 40% this week, 43% last year, 37% average. Soybeans setting pods, 95% this week, 100% last year, 100% average. Tobacco cut, 60% this week, n/a last year, n/a average. Apples condition, 3% very poor, 6% poor, 13% fair, 41% good, 37% excellent. Corn

condition, 0% very poor, 2% poor, 16% fair, 56% good, 26% excellent. Pasture condition, 4% very poor, 7% poor, 35% fair, 40% good, 14% excellent. Quality of hay made, 1% very poor, 5% poor, 17% fair, 35% good, 42% excellent. Soybeans condition, 0% very poor, 1% poor, 11% fair, 57% good, 31% excellent. Field activities for the week included haymaking, silo filling, fall seeding, herbicide burndown and planting cover crops.

SOUTH CAROLINA: Days suitable for fieldwork 6.4. Topsoil Moisture 5% very short, 37% short, 58% adequate, 0% surplus. Subsoil Moisture 8% very short, 35% short, 57% adequate, 0% surplus. Pasture and Range condition 15% very poor, 18% poor, 35% fair, 32% good, 0% excellent. Peanuts condition 0% very poor, 0% poor, 14% fair, 75% good, 11% excellent. Livestock condition 4% very poor, 10% poor, 32% fair, 53% good, 1% excellent. Soybeans condition 0% very poor, 3% poor, 23% fair, 67% good, 7% excellent. Corn Mature 98%, 99% 2013. Corn Harvested 81% 50% 2013. Peaches Harvested 100%, 98% 2013. Cantaloupes Harvested 100%, 100% 2013. Soybeans Blooming 98%, 91% 2013. Soybeans setting pods 68%, 58% 2013. Soybeans Coloring 21%, 3% 2013. Tobacco Harvested 98%, 94% 2013. The state average temperature for the seven-day period was five degrees above the long-term average. The state average rainfall for the seven-day period was 1.2 inches.

SOUTH DAKOTA: Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 14% short, 82% adequate, 3% surplus. Subsoil moisture 1% very short, 13% short, 83% adequate, 3% surplus. Winter wheat planted 4%, 4% 2013, 10% avg. Barley mature 98. Sunflower blooming 98%, 98% 2013, 99% avg; ray flowers dry 47%, 57% 2013, 65% avg; bracts turning yellow 12%, 9% 2013, 32% avg. Condition 0% very poor, 2% poor, 35% fair, 58% good, 5% excellent. Alfalfa second cutting 98%. Third cutting 48%, 79% 2013, 72% avg; condition 0% very poor, 5% poor, 24% fair, 51% good, 20% excellent. Stock water supplies 2% very short, 12% short, 82% adequate, 4% surplus. Below normal temperatures persisted across most areas of the state last week. Rain was reported in the southeast portion of the state.

TENNESSEE: Days suitable 4.7. Topsoil moisture 3% very short 15% short, 78% adequate, 4% surplus. Subsoil moisture 5% very short, 17% short, 75% adequate, 3% surplus. Corn doughing, 99%, corn denting, 91%, corn mature, 42%, corn harvested for grain, 8%. Cotton 98% setting bolls, 35% bolls opening. Soybeans, 96% setting pods, soybeans, 13% dropping leaves. Corn condition 3% poor, 17% fair, 54% good, 26% excellent. Cotton condition, 1% very poor, 3% poor, 24% fair, 58% good, 14% excellent. Soybean condition 3% poor, 17% fair, 58% good, 22% excellent. Pasture and Range condition 1% very poor, 11% poor, 30% fair, 50% good, 8% excellent. Other activities included spraying for armyworms in pasture and hay fields.

TEXAS: Days suitable for fieldwork 5.7. Topsoil moisture 29% very short, 42% short, 28% adequate, 1% surplus. Subsoil moisture 28% very short, 46% short, 24% adequate, 2% surplus. Corn harvested 57%, 60% 2013, 58% avg. Cotton setting bolls 98%, 96% 2013, 96% avg. Cotton harvested 13%, 8% 2013, 10% avg. Soybeans blooming 99%, 99% 2013, 100% avg. Soybeans setting pods 97%, 79% 2013, 96% avg. Soybeans harvested 30%, 36% 2013, 42% avg. Sunflowers harvested 74%, 20% 2013, 27% avg. Range and pasture condition 13% very poor, 23% poor, 36% fair, 24% good and 4% excellent. Heavy rainfall occurred throughout much of the state last week. The High Plains, Trans-Pecos and Upper Coast received up to 5 inches in isolated areas, while East Texas, South Texas, and the Lower Valley saw between 1 to 4 inches. South Central Texas and the Coastal Blend also received significant rainfall, totaling up to 3 inches in some areas. Other areas in the state received no more than 1 inch of rainfall. High temperatures in the mid 90's persisted throughout many areas of the state, with the exception of the Upper Coast, which reported highs in the 80's. Producers began seeding winter wheat in the Northern Plains with preparations continuing throughout most of the state. Corn harvest continued in the Northern Plains, Blacklands, and North East Texas, with harvest wrapping up in areas of South East Texas. Cotton bolls were opening in the Northern High Plains, Trans-Pecos, and Edwards Plateau. In areas of South Texas and the Upper Coast, cotton harvest was active. Sorghum harvest continued across the state, though sugarcane aphid infestations persisted in areas of the Blacklands. Soybeans were setting pods in the Northern High Plains. Some producers in the Upper Coast reported delayed rice harvest due to heavy rainfall. Pecans continued to mature in South Texas and the Trans-Pecos, though some producers reported scab and light insect pressure in North East Texas. Fall onions and tomatoes progressed in areas of the Lower Valley. Pasture showed stress in areas of the Blacklands and North East Texas due to hot, dry weather conditions. Armyworms and grasshoppers continued to cause problems for some forage producers in North East Texas. Livestock were in good to fair condition in most areas of the state. In South Central Texas, some producers began supplemental feeding due to lack of rainfall.

UTAH: Days suitable for field work 6.7. Topsoil moisture 7% very short, 36% short, 57% adequate. Subsoil Moisture 12% very short, 36% short, 50% adequate, 2% surplus. Winter wheat planted 47%, 21% 2013, 7% 5-yr avg; emerged

14%. Barley harvested 94%, 95% 2013, 94% 5-yr avg. Oats harvested 74%, 87% 2013, 81% 5-yr avg. Spring wheat harvested 93%, 97% 2013, 92% 5-yr avg. Alfalfa hay third cutting 67%, 65% 2013, 64% 5-yr avg. Corn Silked 99%, 100% 2013, 99% 5-yr avg; dough stage 75%, 83% 2013, 72% 5-yr avg. Apples harvested 18%, 13% 2013, 8% 5-yr avg. Peaches harvested 55%, 73% 2013, 53% 5-yr avg. Cattle and calves condition 1% poor, 19% fair, 68% good, 12% excellent. Sheep and lamb condition 14% fair, 80% good, 6% excellent. Stock water supplies 5% very short, 34% short, 59% adequate, 2% surplus. Third crop haying is going good in Beaver County. Growers are getting ready to start chopping corn. Farmers experienced a week of good weather in Box Elder County with much field work being accomplished. Most producers are irrigating the crops for the last time. Farmers continue to prepare fields for fall wheat planting by removing the stubble and working the ground with a disk. The corn crop is maturing with most corn in the soft to hard dough stage. Many farmers will begin chopping corn in the next week to 10 days. Most farmers are wrapping up with third crop hay. They are busy planting fall wheat and irrigating stubble fields. Temperatures have cooled enough that onion farmers are beginning to lift their onions. Ranchers are beginning to sort cows and calves. Fall pastures have improved due to recent precipitation and somewhat cooler temperatures. Several days of good weather in Cache County have provided a needed window to continue with the harvest of wheat, barley and oats. Much of the grain was laid down, and some had sprouted, reducing the quality and value significantly. Third crop alfalfa is of superb quality with exceptional yields. Growers are feverishly attempting to get it dry, baled and hauled before rain returns. Corn silage harvest should begin shortly. Safflower is also turning quickly and will be ready for harvest soon. The recent rains have been great for pastures and rangelands. Cattle and sheep are growing well. Most of third crop alfalfa in Morgan County is being baled. Ranges have benefited from recent rains. Producers should have good range forage late into the fall. Drier conditions thru the week in Rich County allowed producers to get some of their rained on hay baled and in the stack. A couple of allotments have begun to move cattle towards home. Fall feed looks excellent and cows and calves are in very good condition from summer grazing. Corn silage harvest has just begun in Weber County. On average the corn is about normal in height, not exceptional.

VIRGINIA: Days suitable for fieldwork 6.1. Topsoil moisture 2% very short, 26% short, 67% adequate, 5% surplus. Subsoil moisture 3% very short, 28% short, 67% adequate, 2% surplus. Cotton 3% fair, 95% good, 2% excellent. Cotton bolls opening 36%, 32% 2013, 30% 5-yr avg. Peanuts 3% fair, 87% good, 10% excellent. Corn 7% poor, 25% fair, 53% good, 15% excellent. Corn dough 91%, 94% 2013, 95% 5-yr avg. Corn dented 79%, 82% 2013, 82% 5-yr avg. Corn mature 59%, 51% 2013, 59% 5-yr avg. Corn for grain harvested 14%, 17% 2013, 22% 5-yr avg. Corn for silage harvested 58%, 62% 2013, 68% 5-yr avg. Soybeans 5% poor, 22% fair, 61% good, 12% excellent. Soybeans blooming 90%, 96% 2013, 99% 5-yr avg. Soybeans setting pods 80%, 83% 2013, 87% 5-yr avg. Soybeans dropping leaves 4%, 4% 2013, 7% 5-yr avg. Barley planted 1%, 0% 2013, 2% 5-yr avg. Flue-cured tobacco 3% very poor, 4% poor, 33% fair, 33% good, 27% excellent. Flue-cured tobacco harvested 48%, 55% 2013, 49% 5-yr avg. Fire-cured tobacco 1% very poor, 3% poor, 27% fair, 59% good, 10% excellent. Fire-cured harvested cut 49%, 77% 2013, 73% 5-yr avg. Burley 1% very poor, 1% poor, 32% fair, 58% good, 8% excellent. Burley stripped 15%, 34% 2013, 34% 5-yr avg. Livestock 1% very poor, 4% poor, 22% fair, 61% good, 12% excellent. Pasture 2% very poor, 11% poor, 34% fair, 46% good, 7% excellent. Alfalfa hay 5% poor, 35% fair, 50% good, 10% excellent. Other hay 2% very poor, 13% poor, 36% fair, 43% good, 6% excellent. Grapes 13% poor, 33% fair, 43% good, 11% excellent. All apples 2% poor, 38% fair, 54% good, 6% excellent. All apples harvested 35%. Peaches harvested 89%, 93% 2013, 91% 5-yr avg. It was a hot week for Virginia. Temperatures were about 6 to 10 degrees hotter than normal for this time of year, with daytime highs in the 90s to 100s. Scattered rain showers brought some relief; precipitation totals varied from light to 3 inches depending on location. Days suitable for fieldwork were 6.1. Corn producers were busy with the harvest this week; yields were better than expected. The majority of the soybean crop was in good condition. Growers scouted the soybeans for insect and disease pressure and applied treatments as needed. The hay crop has made improvement when compared to earlier in the year; however, production is expected to be down. Hay producers report less stock on hand this year. Other farming activities for the week included harvest tobacco, making hay, and preparing fields for small grain seeding.

WASHINGTON: Days suitable for field work 7.0 days. Topsoil Moisture 22% Very Short, 35% Short, 42% Adequate, 1% Surplus. Subsoil Moisture 21% Very Short, 43% Short, 35% Adequate, 1% Surplus. Range and Pasture 12% Very Poor, 17% Poor, 44% Fair, 23% Good, 4% Excellent. Winter Wheat Planted 19%, 17% 2013, 23% avg. Spring Wheat Harvested 97%, 92% 2013, 88% avg. Potatoes Condition 0% Very Poor, 2% Poor, 27% Fair, 68% Good, 3% Excellent. Potatoes harvested 57%, 42% 2013, 40% avg. Corn Condition 0% Very Poor, 1% Poor, 33% Fair, 54% Good, 12% Excellent. Corn Dough 84%, 69% 2013, 58% avg. Corn Dented 51%, 48% 2013, 29% avg. Corn Mature 1%, 12% 2013, 7% avg. Corn for Silage Harvested 4%, 14% 2013, 10% avg. Dry Edible Beans Condition 0%. Very Poor, 6% Poor, 38%

Fair, 53% Good, 3% Excellent. Dry Edible Beans Harvested 62%, 39% 2013, 34% avg. Hay 3rd cutting 74%, 78% 2013, 68% avg. Hay 4th cutting 19%, 4% 2013, 11% avg. Pastures Were Dry in Washington. Days suitable for fieldwork were 7.0. Pasture and range conditions were reported to be 12% very poor, 17% poor, 44% fair, 23% good, and 4% excellent. In western Washington grass fields were receiving irrigation. Harvest was beginning for corn for silage and for seed potatoes. Apples were being harvested. In eastern Washington hop and onion harvest continued. Some producers were planting winter wheat while others were preparing fields for fall planting. Winter canola was up and was looking good. Pear harvest also continued with the crop looking good. It was excellent ripening weather for plums, peaches, and nectarines. Peach and nectarine harvest continued. Cucumbers, tomatoes, hot peppers, squash, including acorn and spaghetti squash, were harvested. Farmers' markets had a plentiful selection of fruits and vegetables. Home gardens were at their productive peak. Range conditions were dry. Some ranchers were bringing cows out early into irrigated pastures for better forage.

WEST VIRGINIA: Days suitable for fieldwork 6. Topsoil moisture was 3% very short, 24% short, 68% adequate, and 5% surplus, compared to 3% short, 78% adequate, and 19% surplus last year. Subsoil moisture was 3% very short, 34% short, 59% adequate, and 4% surplus, comparison data not available. Corn conditions were 3% very poor, 7% poor, 22% fair, 53% good, and 15% excellent. Corn was 96% silked, 98% in 2013, 5-year avg. not available. Corn was 82% doughing, 73% in 2013, and 78% 5-year avg. Corn was 55% dented, 24% in 2013, and 42% 5-year avg. Corn was 7% mature, comparison data not available. Soybean conditions were 2% poor, 11% fair, and 87% good. Soybeans were 92% setting pods, 84% in 2013, 5-year avg. not available. Soybeans were 22% dropping leaves, 5% in 2013, and 19% 5-year avg. Hay conditions were 2% very poor, 6% poor, 36% fair, 49% good, and 7% excellent. Hay second cutting was 76%, 54% in 2013, and 73% 5-year avg. Apple conditions were 1% very poor, 3% poor, 28% fair, 66% good, and 2% excellent. Apples were 21% harvested, 16% in 2013, and 19% 5-year avg. Peaches were 92% harvested, 73% in 2013, and 89% 5-year avg. Cattle and calves were 2% poor, 22% fair, 68% good, and 8% excellent. Sheep and lambs were 23% fair, 73% good, and 4% excellent. Farming activities included making hay, chopping corn, and harvesting peaches and apples. The recent rainy weather has been beneficial to crops.

WISCONSIN: Days suitable for fieldwork 3.7. Topsoil moisture 7% short, 74% adequate and 19% surplus. Subsoil moisture 1% very short, 12% short, 73% adequate, and 14% surplus. Hay, alfalfa, third cutting 85%, 87% 2013, 92% avg; fourth cutting 26%, 20% 2013, 38% avg. Hay, all types, condition 3% poor, 13% fair, 57% good, 27% excellent. Potatoes harvested 27%, n.a. 2013, n.a. avg; condition 1% poor, 23% fair, 65% good, 11% excellent. Though this week started out with summery days in the 80s, temperatures were on the decline by week's end. The cold front brought a third consecutive week of heavy precipitation to northern Wisconsin, with reports of crop damage from hail, high winds, and water standing in fields. While the heaviest rains bypassed the southern part of the state, overcast and muggy conditions interfered with drying hay and kept soil moistures steady. Across the southern part of the state, small grains harvest was wrapping up and corn silage just beginning. However, reporters in the north and central regions commented that muddy conditions were severely limiting field work. Although corn made good progress during the warm beginning of the week, it remained behind normal maturity for this time of year. There were scattered reports of immature silage corn being chopped to supplement low feed reserves. Across the reporting stations, average temperatures this week were 1 to 5 degrees above normal. Average high temperatures ranged from 77 to 82 degrees, while average low temperatures ranged from 56 to 63 degrees. Precipitation totals ranged from 0.29 inches in Milwaukee to 3.48 inches in Eau Claire.

WYOMING: Days suitable for fieldwork 5.8. Topsoil moisture 6% very short, 17% short, 74% adequate, 3% surplus. Subsoil moisture 6% very short, 24% short, 69% adequate, 1% surplus. Barley mature 99%, 96% 2013, 95% 5-yr avg; harvested 68%, 78% 2013, 79% 5-yr avg. Oats mature 89%, 89% 2013, 92% 5-yr avg; harvested 73%, 81% 2013, 84% 5-yr avg. Spring wheat mature 98%, 97% 2013, 95% 5-yr avg; harvested 91%, 85% 2013, 86% 5-yr avg. Sugarbeets condition 85% good, 15% excellent. Winter wheat planted 37%, 43% 2013, 33% 5-yr avg. Corn silking 97%, 100% 2013, 98% 5-yr avg; dough 60%, 45% 2013, 59% 5-yr avg; condition 5% fair, 88% good, 7% excellent. Dry beans setting pods 95%, 97% 2013, 96% 5-yr avg; coloring 69%, 65% 2013, 75% 5-yr avg; condition 8% fair, 80% good, 12% excellent. Alfalfa hay 2nd cutting 88%, 95% 2013, 91% 5-yr avg. Livestock condition 19% fair, 60% good, 21% excellent. Crop insect infestation 8% moderate, 43% light, 49% none. Irrigation water supplies 4% poor, 2% fair, 79% good, 15% excellent. Late summer conditions persist, growing season coming to a close.

Statistical Methodology

Survey Procedures: Crop progress and condition estimates included in this report are based on survey data collected each week from early April through the end of November. Additionally, survey respondents are contacted four times during the winter season – once per month in December, January, February, and March. The non-probability crop progress and condition surveys include input from approximately 4,000 respondents whose occupations provide them opportunities to make visual observations and frequently bring them in contact with farmers in their counties. Based on standard definitions, these respondents subjectively estimate the progress of crops through various stages of development, as well as the progress of producer activities. They also provide subjective evaluations of crop and soil moisture conditions. Any weather data mentioned in this report is provided by outside sources such as the National Oceanic and Atmospheric Administration (NOAA) and Agricultural Weather Information Service (AWIS).

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