



Crop Progress - State Stories

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ALABAMA: Days suitable for fieldwork was 6.4. Topsoil moisture 5% very short, 37% short, 53% adequate, 5% surplus. Subsoil moisture 4% very short, 35% short, 56% adequate, 5% surplus. Corn dough 96%, 92% last week, 82% 2013, 85% avg. Corn dented 73%, 52% last week, 45% 2013, 58% avg. Corn mature 17%, 10% last week, 6% 2013, 19% avg. Corn harvested 0%, 0% last week, 0% 2013, 2% avg. Corn condition 2% poor, 13% fair, 61% good, 24% excellent. Soybeans blooming 71%, 63% last week, 57% 2013, 70% avg. Soybeans setting pods 53%, 41% last week, 31% 2013, 38% avg. Soybeans condition 1% poor, 19% fair, 68% good, 12% excellent. Livestock condition 1% very poor, 2% poor, 23% fair, 61% good, 13% excellent. Pasture and range condition 1% very poor, 5% poor, 33% fair, 52% good, 9% excellent. The week's average mean temperatures ranged from 72.1 F in Haleyville to 79.7 F in Montgomery; total precipitation ranged from 0.00 inches over most of central and south Alabama to 0.30 inches in Haleyville. Temperatures were slightly below normal, but dry overall. Only a few scattered showers were received across the state. Scouting and spraying continued as needed. Crops, livestock, and pasture remained in mostly good condition, but slightly stressed due to the dry conditions.

ALASKA: Days suitable for fieldwork 5.5. Topsoil moisture 100% adequate. Subsoil moisture 100% adequate. Barley turning color 20%. Oats in dough 75%. First cutting hay 85% complete. Barley condition 5% poor, 30% fair, 40% good, 25% excellent. Oat condition 15% poor, 35% fair, 35% good, 15% excellent. All hay condition 25% fair, 55% good, 20% excellent. Potato condition 65% good, 35% excellent. Wind and rain damage to crops 95% none, 5% light. The main farm activities for the week were harvesting hay, vegetables and grass seed, weed control, irrigation, farm maintenance.

ARIZONA: Days suitable for field work 7.0 days. Topsoil moisture 1% very short, 35% short, 64% adequate, 0% surplus. Subsoil moisture 8% very short, 33% short, 59% adequate, 0% surplus. Bolls setting is at 75 percent compared to 82 percent last year and 79 percent for the 5-year average. Conditions for cotton were 12% fair, 49% good, and 39% excellent. 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. Rains brought some moisture to the State, but not enough to overcome drought conditions. Range and Pastures were rated in very poor to fair condition, depending on location. Conditions were 24% very poor, 26% poor, 33% fair, 17% good and 0% excellent.

ARKANSAS: Days suitable for fieldwork 6.2. Topsoil moisture 2% very short, 33% short, 56% adequate, 9% surplus. Subsoil moisture 2% very short, 19% short, 70% adequate, 9% surplus. Corn reached 95% doughing, 88% last week, 85% last year, 94% 5-year average; 75% dented, 57% last week, 59% previous year, 79% 5-year average; 39% mature, 18% last week, 11% last year, 32% 5-year average. Corn condition 0% very poor, 7% poor, 22% fair, 49% good, and 22% excellent. Pasture condition 1% very poor, 6% poor, 25% fair, 56% good, 12% excellent. Livestock condition 1% very poor, 2% poor, 17% fair, 66% good, and 14% excellent. Most of the state received minimal rainfall last week. Producers continued to plant and 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. Monsoon moisture along with upper level disturbances brought periods of showers and thunderstorms, mainly over the mountains in the northern region of the State and all across the southern portions of the State. Precipitation was mainly over the mountains for the early part of the week then spread to south coast area of the State over the weekend bringing some record daily precipitation mainly near the coast. Temperatures were generally above normal across the State through Friday, but dropped down to near to below normal over the weekend in the southern portions of the State and on Sunday over northern portions of the State as monsoon moisture spread over the area. Alfalfa grew with the warm weather; cutting, windrowing, and baling were ongoing. Post-harvest irrigation was underway in some harvested fields and some fields

were allowed to dry down due to lack of water. Safflower and cotton continued to bloom and develop. Cotton, corn, and black-eyed peas were irrigated and cultivated for weeds. The cotton crop condition was rated 85 percent good to excellent. The rice crop condition was rated 80 percent good to excellent. Silage corn continues to mature and some fields were chopped. Corn was planted as a second crop. Sudan grass is showing significant growth. Cling peach harvest is ahead of schedule in Sutter and Yuba counties and growers are anticipating harvest completion by mid-August. Grape harvest continued in Merced County with no particular signs of pest issues. The harvest of low sugar Thompson Seedless grapes and other low sugar grape varieties used for champagne started in Madera County. Sulfur applications were ongoing. Stone fruit harvest continued. Pomegranate growth continued. Apples (Gala and Buckeye Gala), Asian pears, apricots, peaches, nectarines, plums, and grapes were packed and shipped to markets. The Nonpareil almond harvest started this week in Sutter and Yuba counties with nuts on the ground and other varieties coming in as harvest-ready. Almond harvest has begun in earnest in Kern, Tulare, Merced, and Fresno counties. Processing of stored almonds continued as required to fill orders. Scattered reports of mites in some walnut orchards prompted spraying in Merced County. Pistachio growers are waiting for more split on full-size nuts before spraying. Tomato harvest continued in many counties including Merced, Fresno, Tulare and Kings. This season's crop has been relatively disease-free with only limited reports of curly top or powdery mildew. Some areas of Fresno County had high levels of stink bugs. In San Joaquin County, bell peppers were harvested. In San Mateo County, fields are full of flowering beans, leafy Brussel sprouts and squash. In Fresno County, onion and garlic fields are either under harvest or were being prepared for harvest. In Tulare County, melons, beans, peppers, sweet corn, squash, and eggplant harvests remained active with produce marketed at roadside stands and Farmer's Markets. Honey and cutter bees were moved out of seed alfalfa fields. Bee hives were placed around squash plantings, near melon fields, and in local bee yards. Sheep grazed small grain and alfalfa fields. Rangeland grass dried up, but ranchers continued to graze sheep and cattle there while also supplementing with baled hay. Sheep also grazed in a few fallow fields and retired farmland areas.

COLORADO: Days suitable for field work 4.8. Topsoil moisture 11% very short, 34% short, 51% adequate, 4% surplus. Subsoil moisture 21% very short, 31% short, 47% adequate, 1% surplus. Spring barley coloring 73%, 45% 2013, 79% avg.; harvested 28%, 9% 2013, 14% avg.; condition 2% very poor, 4% poor, 16% fair, 51% good, 27% excellent. Spring wheat coloring 47%, 77% 2013, 72% avg.; harvested 6%, 15% 2013, 12% avg.; condition 8% poor, 40% fair, 51% good, 1% excellent. Dry beans blooming 85%, 60% 2013, 63% avg.; condition 57% fair, 36% good, 7% excellent. Onion condition 2% poor, 15% fair, 68% good, 15% excellent. Potatoes fall inside SLV condition 8% very poor, 15% poor, 27% fair, 40% good, 10% excellent. Potatoes fall outside SLV harvested 2%, none 2013, none avg.; condition 1% poor, 17% fair, 73% good, 9% excellent. Sugarbeets condition 1% very poor, 3% poor, 19% fair, 56% good, 21% excellent. Sunflowers condition 3% very poor, 21% poor, 29% fair, 41% good, 6% excellent. Alfalfa 2nd cutting 68%, 78% 2013, 72% avg.; 3rd cutting 16%, 7% 2013, 8% avg.; condition 3% very poor, 11% poor, 28% fair, 43% good, 15% excellent. Livestock condition 2% poor, 21% fair, 65% good, 12% excellent. Widespread precipitation was received across the state last week, halting field operations when it occurred. Reporters noted precipitation had a significant, positive effect on stressed dryland crops and rangeland. Some localized flooding incidents were reported in the western district. Producers in the San Luis Valley experienced continued wet conditions and damaging hail. Reporters indicated some damage to crops was sustained as a result.

DELAWARE: Days suitable for fieldwork, 5. Topsoil moisture; 0% very short, 12% short, 73% adequate and 15% surplus. Subsoil moisture; 1% very short, 13% short, 75% adequate and 11% surplus. Apples condition; 3% very poor, 5% poor, 25% fair, 62% good, 5% excellent. Corn condition; 3% very poor, 5% poor, 22% fair, 58% good, 12% excellent. Pasture and Range Condition; 2% very poor, 9% poor, 39% fair, 47% good, and 3% excellent. Peaches condition; 4% very poor, 9% poor, 23% fair, 56% good, 8% excellent. Soybean condition; 1% very poor, 3% poor, 14% fair, 61% good, 21% excellent. Apples harvested; 7% this year, 21% last year, 25% five year average. Alfalfa 2nd cutting; 75% this year, 100% last year, 95% five year average. Alfalfa 3rd cutting; 30% this year, 50% last year, 44% five year average. Corn Silking; 84% this year, 89% last year, 98% five year average. Corn Milk; 64% this year, N/A last year, N/A five year average. Corn Dough; 15% this year, 39% last year, 62% five year average. Cantaloupe Harvested; 34% this year, 48% last year, 49% five year average. Cucumbers Planted; 95% this year, 100% last year, 100% five year average. Cucumbers Harvested; 53% this year, 57% last year, 61% five year average. Other hay 2nd cutting; 76% this year, 94% last year, 95% five year average. Other hay 3rd cutting; 9% this year, 44% last year, 26% five year average. Soybean blooming; 60% this year, 39% last year, 59% five year average. Soybeans setting pods; 41% this year, 24% last year, 35% five year average. Sweet Corn Harvested; 66% this year, 44% last year, 55% five year average. Tomatoes Harvested; 41% this year, 37% last year, 39% five year average. Watermelon Harvested; 32% this year, 38% last year, 46% five year average. Winter

Wheat Harvested; 100% this year, 99% last year, 100% five year average. Peaches harvested; 20% this year, 36% last year, 60% five year average. Hay and Roughage Supplies; 0% very short, 5% short, 79% adequate and 16% surplus. Field activities for the week include cutting hay, and harvesting fruits and vegetables.

FLORIDA: Days suitable for field work; 6.5. Topsoil moisture, 12% short, 76% adequate, 12% surplus. Subsoil moisture 2% very short, 8% short, 80% adequate, 10% surplus. Hay continued to be cut in Panhandle, north, central Florida. Army worms in hay, pastures, soybeans, peanuts. Peanut condition, 2% poor, 16% fair, 73% good, 9% excellent. Peanut pegging at 95%. Farmers in southwest Florida continued land preparation, laying plastic for fall planting. Vegetable crops being harvested, planted in Miami-Dade County; okra, boniato, malanga. Pasture condition 1% very poor, 2% poor, 22% fair, 65% good, 10% excellent. Cattle condition 1% poor, 16% fair, 72% good, 11% excellent. Cattle, pasture conditions generally good. Pastures in Panhandle showing signs of damage due to Army worms. Water levels beginning to rise in ponds, wetlands, in southwest Florida. Rainfall in citrus producing area widespread, generally heavy. All stations received some precipitation. Daytime highs low to mid 90s. Per U.S. Drought Monitor, Florida citrus producing area drought free. Next season's citrus crop progressing well. Growers, caretakers applying summer oils, fertilizing, irrigating, resetting new trees.

GEORGIA: Days suitable for fieldwork 6.1. Topsoil moisture 6% very short, 38% short, 51% adequate, 5% surplus. Subsoil moisture 5% very short, 31% short, 62% adequate, 2% surplus. Range and pasture condition 0% very poor, 8% poor, 38% fair, 48% good, 6% excellent. Corn condition 1% very poor, 5% poor, 28% fair, 53% good, 13% excellent. Hay 2nd Cutting 87%, 59% 2013. Peaches harvested 93%, 94% 2013. Sorghum condition 0% very poor, 2% poor, 37% fair, 57% good, 4% excellent. Soybean condition 0% very poor, 4% poor, 25% fair, 65% good, 6% excellent. Tobacco condition 3% very poor, 6% poor, 34% fair, 45% good, 12% excellent. Tobacco harvested 40%, 45% 2013. Precipitation estimates for the state ranged from no rain inches up to 2.5 inches. Average high temperatures ranged from the mid 80s to the high 90s. Average low temperatures ranged from the low 60s to the mid 70s.

HAWAII: Days suitable for fieldwork 7.0. Topsoil moisture 0% very short, 28% short, 72% adequate, 0% surplus. On July 29, the U.S. Drought Monitor reported that 28.07 percent of the State was abnormally dry or drier; unchanged from the previous week. The rainfall averaged 0.49 inches across the state. On Maui, active cane harvesting continued last week in the central plains area. Pastures along the windward section of the island benefited from the rainfall brought in from the trade winds and the various weakening storm fronts that moved across the state. Pastures along the lower elevation areas of Kula, Pulehu and Keokea were drying out with very little green forage. The lower elevation pastures above Kihei to Makena did not receive any significant rainfall for re-growth and were only able to provide dry poor-quality forage. On the Big Island, the combination of sun, rain and calm winds aided plant growth, development and maintained non-irrigated orchard crops. Stream flow was mostly at averages all week.

IDAHO: Days suitable for field work 6.6 days. Topsoil moisture 13% very short, 43% short, 44% adequate. Subsoil moisture 16% very short, 32% short, 52% adequate. Winter wheat condition 3% poor, 25% fair, 61% good, 11% excellent. Winter wheat harvested 39%, 34% 2013, 18% avg. Barley harvested 12%, 7% 2013, 6% avg. Barley condition 1% poor, 21% fair, 66% good, 12% excellent. Corn condition 36% fair, 63% good, 1% excellent. Dry beans condition 1% poor, 27% fair, 68% good, 4% excellent. Dry peas 24%, 7% 2013, 7% avg. Hay alfalfa second cutting 74%, 78% 2013, 66% avg. Hay alfalfa third cutting 20%, 18% 2013, 12% avg. Potatoes condition 3% poor, 12% fair, 63% good, 22% excellent. Spring wheat harvested 13%, 3% 2013, 3% avg. Spring wheat condition 1% poor, 29% fair, 52% good, 18% excellent. Irrigation water supply conditions 4% very poor, 8% poor, 36% fair, 43% good, 9% excellent. Pasture and range conditions 1% very poor, 7% poor, 48% fair, 41% good, 3% excellent. Temperatures for the week ranged from 0 to 12 degrees above normal with some precipitation across the entire state. Major agricultural activities included irrigation, harvesting of cereal grains and hay. In Caribou county rain damage has been observed on second alfalfa cutting. Jefferson County reports that potatoes are in full bloom and second cutting of alfalfa continued under good conditions. Jefferson county respondent also reports that some canal companies have cut back on irrigation water making it difficult for farmers to irrigate when needed. Dry pea harvesting is ahead of historic averages because of the introduction of more winter peas into large production regions. Hot temperatures throughout the state have advanced crop progress and crops continued to be in good condition.

ILLINOIS: Days suitable for fieldwork 6.4. Topsoil moisture 3% very short, 23% short, 70% adequate, 4% surplus. Subsoil moisture 2% very short, 24% short, 71% adequate, 3% surplus. Statewide precipitation averaged 0.28 inches, 0.51

inches below normal. Statewide temperature averaged 69.3 degrees, 4.9 degrees below average. Oats harvested 83%, 69% 2013, 77% avg. Dry conditions continued throughout the state last week.

INDIANA: Days suitable for fieldwork, 6.0. Topsoil moisture 3% very short, 25% short, 61% adequate, 11% surplus. Subsoil moisture 1% very short, 18% short, 74% adequate, 7% surplus. Corn dented 1%, 2013 0%, 5ya 6%. Alfalfa hay second cutting 93%, 2013 95%, 5ya 95%. Alfalfa hay third cutting 6%, 2013 24%, 5ya 24%. Other hay second cutting 91%. Other hay third cutting 4%. Regionally, corn doughing was at 40% in the South, 38% in Central, and 30% in North. Regionally, Soybeans setting pods was 74% in north, 67% in South, and 63% in Central. Average temperatures for the week ranged from 65 to 73 degrees, or 9 to 4 degrees below normal. The lowest recorded temperature for the week was 46 degrees; the highest, 90 degrees. The statewide average temperature for the week was 68.3 degrees, 5.1 degrees below normal. Recorded precipitation ranged from 0 to 3.15 inches, with a statewide average of 0.40 inches. Drier conditions were balanced out by cool weather this week, resulting in a week ideal for fieldwork. Thanks as well to the cooler conditions, crops did not experience a significant loss of moisture or condition versus last week. Rain is still needed in many areas, and irrigation systems have been running. Insect pressure is down in many fields. Corn leaves are beginning to roll in many fields. Farmers are concluding hay second cutting, though the dry conditions are slowing the third growth of hay. Fungicides and herbicides are being applied in fields that still need them. Other activities for the week include roadside mowing, preparing for fairs, and cleaning bins and fixing machinery in advance of harvest.

IOWA: Days suitable for fieldwork 6.5. Topsoil moisture 3% very short, 23% short, 70% adequate, and 4% surplus. Subsoil moisture 2% very short, 16% short, 78% adequate, and 4% surplus. Oats turning color 97%, 98% 2013, 99% average. Alfalfa 2nd cutting 85%, 85% 2013, 88% average. Alfalfa 3rd cutting 9%, 5% 2013, 54% average. All hay condition 1% very poor, 5% poor, 28% fair, 49% good, 17% excellent. The 6.5 days suitable for fieldwork was the most this growing season, just above the 6.3 days suitable two weeks ago. Activities for the week included fungicide and insecticide application, cutting all types of hay, and harvesting oats. Lack of precipitation caused a drop in soil moisture. Livestock conditions were reported as optimal.

KANSAS: Days suitable for fieldwork 6.0. Topsoil moisture supplies rated 13% very short, 34% short, 51% adequate, and 2% surplus. Subsoil moisture supplies rated 19% very short, 33% short, 47% adequate, and 1% surplus. Sunflowers blooming 28%, 29% 2013, 37% avg. Sunflower conditions 2% very poor, 4% poor, 34% fair, 51% good 9% excellent. Hay alfalfa conditions 4% very poor, 12% poor, 38% fair, 37% good, 9% excellent. Hay alfalfa third cutting 46%, 29% 2013, 55% avg. Stock water supplies were rated 7% very short, 18% short, 74% adequate, and 1% surplus. Beneficial rains were welcomed in southwest and south central Kansas, while moisture was limited for other areas according to USDA's National Agricultural Statistics Service. Where the rains missed, row crops were stressed. Temperatures were mild, averaging four to eight degrees below normal across most of the State.

KENTUCKY: Days suitable fieldwork 6.3. Topsoil 19% very short, 38% short, 40% adequate, 3% surplus. Subsoil moisture 14% very short, 36% short, 47% adequate, 3% surplus. Precipitation averaged 0.23 inches, 0.74 inches below normal. Temperatures averaged 70 degrees, 6 degrees below normal. Corn milked 65%, 49% 2013, 61% average; dented 18%, 8% 2013, 18% average. Soybeans turning color 1%. Tobacco blooming 67%, 58% 2013, 59% average; topped 39%, 31% 2013, 33% average. Tobacco set condition 2% very poor, 4% poor, 25% fair, 55% good, 14% excellent. Hay and roughage supplies 4% very short, 26% short, 63% adequate, 7% surplus. All hay condition 4% very poor, 15% poor, 30% fair, 45% good, 6% excellent. Livestock condition 1% very poor, 4% poor, 22% fair, 63% good, 10% excellent. Primary activities this week included harvesting hay, topping tobacco and general farm maintenance.

LOUISIANA: Days suitable for fieldwork, 4.8. Topsoil moisture 0% very short, 9% short, 62% adequate, 29% surplus. Subsoil moisture 2% very short, 10% short, 64% adequate, 24% surplus. Corn dough 100% this week, 99% last week, 100% last year, 100% average. Corn dented 95% this week, 85% last week, 98% last year. Corn mature 48% this week, 29% last week, 76% last year, 85% average. Corn harvested 1% this week, 0% last week, 5% last year, 19% average. Corn condition 0% very poor, 1% poor, 9% fair, 64% good, 26% excellent. Peaches harvested 98% this week, 96% last week, 98% last year, 93% average. Hay second cutting 69% this week 63% last week, 78% last year, 73% average. Sugarcane planted 2% this week, 0% last week, 3% last year, 4% average. Sugarcane condition 1% very poor, 9% poor, 34% fair, 44% good, 12% excellent. Vegetables condition 2% very poor, 15% poor, 40% fair, 40% good, 3% excellent. Pasture condition 1% very poor, 6% poor, 24% fair, 56% good, 13% excellent. Livestock condition 1% very poor, 7% poor, 28% fair, 53% good, 11% excellent.

MARYLAND: Days suitable for fieldwork, 6.0. Topsoil moisture; 0% very short, 13% short, 72% adequate and 15% surplus. Subsoil moisture; 1% very short, 12% short, 85% adequate and 2% surplus. Apples condition; 0% very poor, 1% poor, 3% fair, 93% good, 3% excellent. Corn condition; 1% very poor, 1% poor, 8% fair, 59% good, 31% excellent. Pasture and Range Condition; 1% very poor, 5% poor, 17% fair, 61% good, and 16% excellent. Peaches condition; 0% very poor, 3% poor, 8% fair, 79% good, 10% excellent. Soybean condition; 0% very poor, 1% poor, 6% fair, 72% good, 21% excellent. Alfalfa 2nd cutting; 78% this year, 95% last year, 96% five year average. Alfalfa 3rd cutting; 68% this year, 35% last year, 51% five year average. Apples Harvested; 14% this year, 19% last year, 17% five year average. Corn Silking; 96% this year, 96% last year, 96% five year average. Corn Milk; 64% this year, N/A% last year, N/A five year average. Corn Dough; 29% this year, 37% last year, 45% five year average. Cantaloupe Harvested; 37% this year, 34% last year, 47% five year average. Cucumbers Harvested; 40% this year, 54% last year, 55% five year average. Lima Beans harvested; 32% this year, 30% last year, 26% five year average. Other hay 2nd cutting; 68% this year, 90% last year, 88% five year average. Peaches Harvested; 36% this year, 26% last year, 57% five year average. Potatoes Harvested; 22% this year, 58% last year, 58% five year average. Snap Beans Harvested; 56% this year, 63% last year, 59% five year average. Soybean blooming; 80% this year, 53% last year, 61% five year average. Soybean setting pods; 55% this year, 25% last year, 33% five year average. Soybean fully podded; 9% this year, N/A last year, N/A five year average. Sweet Corn Harvested; 44% this year, 49% last year, 53% five year average. Tomatoes Harvested; 38% this year, 38% last year, 45% five year average. Watermelon Harvested; 27% this year, 31% last year, 34% five year average. Hay and Roughage Supplies; 0% very short, 15% short, 82% adequate and 3% surplus. Field activities for the week include cutting hay, planting, and applying fertilizer.

MICHIGAN: Days suitable for fieldwork 5.4. Topsoil moisture 7% very short, 20% short, 66% adequate, 7% surplus. Subsoil moisture 6% very short, 16% short, 69% adequate, 9% surplus. Dry edible beans blooming 77%, 68% last year, 73% 5-year average. Dry edible beans condition 2% very poor, 3% poor, 20% fair, 57% good, 18% excellent. Oats coloring 84%, 90% last year, 93% 5-year average. Oats condition 1% poor, 28% fair, 56% good, 15% excellent. Barley harvested 6%. Barley condition 2% very poor, 1% poor, 22% fair, 63% good, 12% excellent. Alfalfa hay second cutting 68%, Alfalfa hay third cutting 2%. Other hay second cutting 56%. Precipitation for the week ending August 3 ranged between 0.01 inch and 1.05 inches in the Upper Peninsula and between 0.00 inch and 0.66 inch in the Lower Peninsula. Temperatures ranged from 40 degrees to 89 degrees, with a state average of 63.6 degrees Fahrenheit, 4.5 degrees below normal. Although sporadic storms and hail damage were reported in the central part of the state, cool and dry weather in most regions has been a challenge to crop development while providing favorable conditions for wheat and hay harvest. Corn and soybeans were starting to show signs of drought-induced stress, winter wheat harvest was nearing completion, oats harvest was underway, and alfalfa hay third cutting commenced. Field activities for the week included harvesting wheat and hay, spraying, spreading manure, and fall tillage. Corn condition was 77% good to excellent compared to 69% last year. Soybeans condition was 65% good to excellent compared to 72% last year. Apple fruit ranged from 2 to 3 inches in the southwest. Some summer varieties like Transparent and Lodi were picked in the southeast. Peach harvest continued, as Garnet Beauty and Summer Serenade varieties ripened. Pears were 1.5 inches or more in the south. The sweet cherry harvest continued in the northwest. The quality has been good despite frequent rains. Tart cherry harvest was about three-fourths done in the west central area. The northwest harvest was underway. Japanese plum harvest continued, and European plum harvest began. Clusters were filling on Niagara and Concord grapes. While vinifera wine grape output will be down substantially, many vineyards of hybrids have full crops. Summer raspberry harvest wound down. The harvest of Jersey blueberries began. Demand for pick your own has been strong. The number of insecticide applications against Spotted Wing Drosophila (SWD) in berries has been lower than last year. Also, there have been no reports of fruit rejected at processors due to fruit larvae. Tomato and pepper harvest continued in the southwest region although cooler temperatures have slowed crop development. Melon, zucchini, and squash harvest continued in the southeast region. Cucumber harvest continued in the region but has slowed due to low temperatures. Sweet corn harvest has begun in the northwest and pumpkins have started to develop fruit. Onions are sizing well in the Bay area although heavy disease pressure remains a concern. Squash and zucchini are being replanted in the Bay area for a second harvest. Carrot growth in the west central region continues to make progress despite heavy disease pressure. Vine crops across most of the State have experienced pollination problems attributed to below average temperatures. Generally, disease pressure remains high in vegetable crops and many areas need precipitation.

MINNESOTA: Days suitable for fieldwork 6.5. Topsoil moisture rated 2% very short, 23% short, 71% adequate, and 4% surplus. Subsoil moisture rated 1% very short, 11% short, 83% adequate, and 5% surplus. Warm and dry weather conditions experienced across Minnesota helped advance crop development. Farmers across Minnesota would like to see

their crops receive rain to improve soil moisture conditions. Minnesota farmers were able to harvest 30 percent of the State's oat crop during the week to reach 41 percent harvested.

MISSISSIPPI: Days suitable for field work 5.6. Topsoil moisture 4% very short, 30% short, 56% adequate, 10% surplus. Subsoil moisture 3% very short, 25% short, 61% adequate, 11% surplus. Corn 100% silking this week, 99% last week, 100% 2013, 100% Avg. Corn 91% dough this week, 85% last week, 95% 2013, 98% Avg. Corn 70% dented this week, 58% last week, 81% 2013, 89% Avg. Corn 26% mature this week, 18% last week, 12% 2013, 33% Avg. Corn condition was 0% very poor, 6% poor, 22% fair, 43% good, 29% excellent. Hay, second cutting, 70% cut this week, 62% last week, 73% 2013, 73% Avg. Hay condition was 0% very poor, 4% poor, 30% fair, 54% good, 12% excellent. Peanuts 82% pegging this week, 73% last week, 95% 2013, 99% Avg. Peanuts condition was 0% very poor, 6% poor, 27% fair, 55% good, 12% excellent. Sorghum 79% headed this week, 72% last week, 88% 2013, 97% Avg. Sorghum 36% coloring this week, 23% last week, 37% 2013, 50% Avg. Sorghum 4% mature this week, 0% last week, 0% 2013, 8% Avg. Sorghum condition was 0% very poor, 5% poor, 20% fair, 55% good, 20% excellent. Sweet potatoes condition was 0% very poor, 2% poor, 39% fair, 43% good, 16% excellent. Watermelon 81% harvested this week, 78% last week, 98% 2013, 96% Avg. Livestock condition was 0% very poor, 3% poor, 20% fair, 59% good, 18% excellent. Pasture and range condition was 0% very poor, 5% poor, 21% fair, 58% good, 16% excellent. Blueberries condition was 0% very poor, 1% poor, 28% fair, 64% good, 7% excellent. Most of the state received less than a half inch of rain, except for Natchez, which received over 4 inches.

MISSOURI: Days suitable for fieldwork 6.7. Topsoil moisture 9% very short, 43% short, 47% adequate, 1% surplus. Subsoil moisture 9% very short, 40% short, 50% adequate, 1% surplus. Hay and roughage supplies 7% short, 85% adequate, 8% surplus. Stock water supplies 13% short, 86% adequate, 1% surplus. Temperatures averaged 70.5 degrees statewide, 6.0 degrees below normal. Rain averaged 0.24 inches statewide.

MONTANA: Days suitable for field work 6.7, 5.2 last year. Topsoil moisture 11% very short, 13% last year; 41% short, 29% last year; 42% adequate, 50% last year; 6% surplus, 8% last year. Subsoil moisture 8% very short, 11% last year; 38% short, 28% last year; 49% adequate, 57% last year; 5% surplus, 4% last year. Canola 94% blooming, 100% last year. Canola 60% turning, 71% last year. Dry beans 1% harvested, 2% last year. Dry peas 20% harvested, 13% last year. Dry peas condition 1% very poor, 4% last year; 4% poor, 9% last year; 31% fair, 31% last year; 54% good, 44% last year; 10% excellent, 12% last year. Flaxseed 92% blooming, 100% last year. Flaxseed 31% turning, 60% last year. Alfalfa hay – 2nd cutting 19% harvested, 17% last year. Other hay – 1st cutting 97% harvested, 95% last year. Other hay – 2nd cutting 6% harvested, 6% last year. Lentils 94% blooming, 100% last year. Lentils 17% harvested, 15% last year. Oats 95% headed, 100% last year. Oats 58% turning, 65% last year. Oats condition 1% very poor, 3% last year; 2% poor, 7% last year; 39% fair, 31% last year; 51% good, 54% last year; 7% excellent, 5% last year. Durum wheat 85% headed, 93% last year. Durum wheat 22% turning, 28% last year. Durum wheat condition 4% very poor, 8% last year; 6% poor, 9% last year; 28% fair, 37% last year; 61% good, 44% last year; 1% excellent, 2% last year. The week ending August 3 was somewhat unsettled across Montana with hot, dry days punctuated with isolated thunderstorms. Many stations did receive some measurable precipitation and Chester received the highest amount of precipitation at 1.03 inches of moisture. The high temperatures for Montana ranged from the mid 80s to lower 100s. Low temperatures ranged from the mid 30s to upper 50s.

NEBRASKA: Days suitable for fieldwork 6.7. Topsoil moisture supplies rated 10% very short, 39% short, 51% adequate, and 0% surplus. Subsoil moisture supplies rated 12% very short, 31% short, 57% adequate, and 0% surplus. Hay alfalfa condition rated 2% very poor, 7% poor, 31% fair, 51% good and 9% excellent. Hay alfalfa 2nd cutting 94%, 91% 2013, 94% avg. Hay alfalfa 3rd cutting 47%, 15% 2013, 33% avg. Dry bean conditions rated 3% very poor, 1% poor, 15% fair, 62% good, 19% excellent. Dry Beans blooming 70%, 81% 2013, 80% avg. Dry Beans setting pods 25%, 36% 2013, 35% avg. Stock water supplies rated 2% very short, 10% short, 87% adequate, and 1% surplus. Oats mature 97%. Cooler temperatures limited moisture demands of non-irrigated crops. However, another week of only scattered rainfall stressed dryland crops and pastures, according to USDA's National Agricultural Statistics Service. Irrigation continued non-stop in many areas. Wheat harvest was near completion with only northern Panhandle fields remaining. The dry conditions also supported hay harvest. .

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 remained constant. Farmers irrigating from wells have above average crops. There were reports of crop damage due to extreme heat. The second cutting of alfalfa was

completed and baling continued. Winter wheat harvest is ahead of schedule and spring wheat continued to head. Main farm and ranch activities included irrigation, hay harvest, weed and insect control, and livestock tending. Temperatures were above average for most of the State. Temperatures in every station experienced above normal temperatures for this time of year. Las Vegas had a high of 112 degrees and both Ely and Eureka experienced a low of 45 degrees. Las Vegas and Winnemucca were the only two stations that reported highs exceeding the 100 degree mark during the week. All of the stations experienced trace amounts of rainfall during this time. The central portion of the State experienced a dust storm followed by some rain. A few areas in the northern part of Humboldt County experienced flash flooding in the later portion of the week.

NEW ENGLAND: Days suitable for fieldwork, 4.5. Topsoil moisture; 2% very short, 15% short, 60% adequate and 23% surplus. Subsoil moisture; 1% very short, 14% short, 64% adequate, 21% surplus. Blueberries, wild condition (ME); 1% very poor, 1% poor, 2% fair, 68% good, 28% excellent. Blueberries, tame condition; 0% very poor, 0% poor, 24% fair, 66% good, 10% excellent. Blueberries, tame progress; 30% harvested. Cranberries condition (MA); 0% very poor, 10% poor, 40% fair, 40% good, 10% excellent. Cranberries all progress (MA); 98% fruit set. Strawberries condition; 0% very poor, 2% poor, 14% fair, 73% good, 11% excellent. Barley all condition (ME); 0% very poor, 0% poor, 0% fair, 30% good, 70% excellent. Corn all condition; 0% very poor, 1% poor, 14% fair, 75% good, 10% excellent. Oats all condition (ME); 0% very poor, 0% poor, 0% fair, 30% good, 70% excellent. Hay all condition; 0% very poor, 0% poor, 12% fair, 69% good, 19% excellent. Hay all progress; 63% second cutting, 7% third cutting. Potatoes all condition; 0% very poor, 0% poor, 1% fair, 69% good, 30% excellent. Potatoes all progress; 100% blooming. Apples all condition; 2% very poor, 2% poor, 15% fair, 66% good, 15% excellent. Peaches all condition; 3% very poor, 5% poor, 28% fair, 64% good, 0% excellent. Peaches all progress; 18% harvested. Pears all condition; 3% very poor, 1% poor, 22% fair, 66% good, 8% excellent. Pasture and range; 0% very poor, 3% poor, 32% fair, 47% good, 18% excellent. Sweet corn all progress; 31% harvested. Sweet corn all condition; 0% very poor, 1% poor, 21% fair, 61% good, 17% excellent. CT Valley binder tobacco all condition; 11% very poor, 0% poor, 11% fair, 70% good, 8% excellent. CT Valley binder tobacco progress; 8% harvested. CT Valley shade tobacco all condition; 0% very poor, 0% poor, 2% fair, 98% good, 0% excellent. CT Valley shade tobacco progress; 19% harvested.

NEW JERSEY: Days suitable for fieldwork, 6.0. Topsoil moisture; 5% very short, 19% short, 63% adequate and 13% surplus. Subsoil moisture; 3% very short, 16% short, 69% adequate and 12% surplus. Bell Peppers all progress; 30% harvested. Corn all progress; 91% silking. Hay Alfalfa all progress; 71% second cutting. Other Hay all progress; 55% second cutting. Peaches all progress; 15% petal fall. Sweet Corn all progress; 27% harvested. Winter Wheat all progress; 87% harvested. Apples all condition; 0% very poor, 1% poor, 45% fair, 50% good, 4% excellent. Corn all conditions; 1% very poor, 6% poor, 30% fair, 36% good, 27% excellent. Hay Alfalfa conditions; 2% very poor, 13% poor, 40% fair, 38% good, 7% excellent. Other Hay conditions; 1% very poor, 8% poor, 38% fair, 39% good, 14% excellent. Pasture and range conditions are; 4% very poor, 6% poor, 39% fair, 35% good, and 16% excellent. Peaches all condition; 0% very poor, 0% poor, 22% fair, 77% good, 1% excellent. Soybeans all conditions; 0% very poor, 1% poor, 28% fair, 62% good, 9% excellent. The following crops are being harvested: broccoli, carrots, cucumbers, cabbage, eggplant, garlic, tomatoes, nectarines, peaches, potatoes, spring onion, summer squash, sweet corn, long and Italian beans, herbs, sweet and hot peppers. Crops continue to be monitored for disease.

NEW MEXICO: Days suitable for fieldwork 6.3. Topsoil moisture 31% very short, 29% short, 39% adequate and 1% surplus. Subsoil moisture 36% very short, 31% short and 33% adequate. Alfalfa third cutting 87% complete, 69% 2013, 87% avg; fourth cutting 59% complete, 40% 2013, 42% avg; 4% very poor, 5% poor, 35% fair, 46% good and 10% excellent. Corn silking 60%, 51% 2013, 72% avg; dough 20%, 12% 2013, 15% avg; 3% very poor, 4% poor, 26% fair, 34% good and 33% excellent. Sorghum headed 15%, 11% 2013, 14% avg; 32% fair, 64% good and 4% excellent. Cotton setting bolls 60%, 56% 2013, 48% avg; 5% poor, 51% fair, 24% good and 20% excellent. Peanuts pegging 50%, 32% 2013, 55% avg; 3% very poor, 21% poor, 68% fair and 8% good. Onions 95% harvested, 92% 2013, 90% avg. Pecans 38% fair, 58% good and 4% excellent. Green chile harvested 5%, 5% 2013, 9% avg; 2% poor, 49% fair, 44% good and 5% excellent. Cattle 2% very poor, 12% poor, 48% fair, 35% good and 3% excellent. Sheep 19% very poor, 24% poor, 38% fair and 19% good. Range and pasture 22% very poor, 34% poor, 30% fair and 14% good. The monsoon season continued across New Mexico with moisture favoring central to east central portions of the state. Some of the highest rainfall totals for the week included Las Vegas with 3.35 inches, Roswell with 2.46 inches and Albuquerque with 2.29 inches. Abundant cloud cover and a cold front kept temperatures near normal across the west and below normal across the east. Average temperatures ranged from 2 degrees above normal in Quemado to 11 degrees below normal in Roy.

NEW YORK: Days suitable for fieldwork, 3.5. Topsoil moisture, 0% very short, 2% short, 58% adequate, and 40% surplus. Subsoil moisture, 0% very short, 4% short, 60% adequate, 36% surplus. Barley headed, 99% this week and 94% last week. Barley mature, 18% this week. Cabbage harvested, 17% this week and 14% last week. Corn silking, 55% this week and 32% last week. Corn dough, 16% this week and 6% last week. Corn Average Height is 69 inches this week and 55 inches last week. Hay alfalfa second cutting, 73% this week, 70% last week, 84% the previous year, and 82% average. Hay alfalfa third cutting, 18% this week and 5% last week. Hay other than alfalfa second cutting, 65% this week, 54% last week. Hay other than alfalfa third cutting, 7% this week. Oats harvested, 15% this week, 9% last week, 28% the previous year, and 33% average. Onions planted, 99% this week, 88% previous week. Onions harvested, 10% this week, 7% last week, 6% previous year, 12% average. Snap beans planted, 97% this week, 90% previous week, 99% last year. Soybeans blooming, 60% this week, 40% last week. Soybeans setting pods, 27% this week, 12% last week. Sweet Corn harvested, 5% this week, 27% the previous year, and 22% average. Winter wheat harvested, 81% this week, 72% last week, 95% last year and 93% average. Barley condition, 0% very poor, 2% poor, 13% fair, 66% good, 19% excellent. Corn condition, 1% very poor, 3% poor, 21% fair, 53% good, 22% excellent. Hay alfalfa condition, 3% very poor, 6% poor, 21% fair, 58% good, 12% excellent. Hay other than alfalfa condition, 2% very poor, 8% poor, 23% fair, 50% good, 17% excellent. Oats condition, 0% very poor, 1% poor, 17% fair, 65% good, 17% excellent. Pasture and range condition, 9% very poor, 7% poor, 23% fair, 47% good, 14% excellent. Soybeans condition, 1% very poor, 5% poor, 19% fair, 56% good, 19% excellent. Winter wheat condition, 1% very poor, 10% poor, 27% fair, 46% good, 16% excellent. Apple condition, 3% very poor, 10% poor, 41% fair, 40% good, 6% excellent. Peaches condition, 6% very poor, 12% poor, 42% fair, 34% good, 6% excellent. Field activities for the week include hauling and spreading manure, applying fertilizer, plowing and planting of fields, mowing and baling hay, mowing pastures, spraying of trees, and fixing machinery.

NORTH CAROLINA: Days suitable for field work 4.4. Topsoil moisture 2% very short, 10% short, 70% adequate and 18% surplus. Subsoil moisture 3% very short, 14% short, 74% adequate and 9% surplus. The state experienced another week of widespread showers with the eastern part of the state receiving the heaviest rainfall. Areas in the east recorded well over 2.0 inches for the week with some areas over 4.0 inches. Temperatures were once again below normal with the averages ranging from 1 to 10 degrees below normal. Rain in the western part of the state has gone a long way in helping crops recover from recent dry spell. This week's report shows soybeans blooming and setting pods continue to progress ahead of the 5 year averages, with blooming at 63% and setting pods at 36%. Cotton squaring nearing completion at 96%, cotton setting bolls at 86% and peanuts pegging reported at 95%. Reports for corn dough were at 79%, and dented at 55%. The second cutting of hay slowed due to the rain and was reported at 74%, peaches harvested at 71% and flue-cured tobacco harvest progressing well at 24%.

NORTH DAKOTA: Days suitable for fieldwork 6.6. Topsoil moisture 1% very short, 14% short, 76% adequate, 9% surplus. Subsoil moisture 1% very short, 8% short, 81% adequate, 10% surplus. Winter wheat turning color 90%. Winter wheat mature 16%. Winter wheat conditions 2% very poor, 9% poor, 29% fair, 51% good, 9% excellent. Durum wheat jointed 96%, 100% 2013, 99% average. Durum wheat headed 71%, 98% 2013, 92% average. Durum wheat turning color 24%, 42% 2013, 32% average. Durum wheat condition 0% very poor, 1% poor, 15% fair, 79% good, 5% excellent. Spring wheat turning color 50%, 51% 2013, 54% average. Spring wheat mature 5%. Barley headed 96%, 99% 2013, 99% average. Barley turning color 62%, 60% 2013, 64% average. Barley mature 9%. Oats headed 93%, 96% 2013, 98% average. Oats turning color 57%, 55% 2013, 59% average. Oats mature 8%. Canola turning color 44%, 36% 2013, 48% average. Canola condition 0% very poor, 1% poor, 14% fair, 65% good, 20% excellent. Flaxseed blooming 92%, 93% 2013, 92% average. Flaxseed turning color 15%, 15% 2013, 24% average. Flaxseed condition 0% very poor, 2% poor, 15% fair, 73% good, 10% excellent. Dry edible peas condition 0% very poor, 4% poor, 19% fair, 68% good, 9% excellent. Dry beans blooming 81%, 77% 2013, 88% average. Dry beans setting pods 44%, 38% 2013, 55% average. Dry beans condition 2% very poor, 4% poor, 23% fair, 56% good, 15% excellent. Potatoes blooming 95%, 97% 2013, 99% average. Potatoes rows filled 51%, 50% 2013, 73% average. Potatoes condition 4% very poor, 8% poor, 29% fair, 50% good, 9% excellent. Sugarbeet condition 1% very poor, 7% poor, 27% fair, 55% good, 10% excellent. Sunflowers blooming 21%, 14% 2013, 32% average. Sunflower condition 0% very poor, 1% poor, 20% fair, 69% good, 10% excellent. Alfalfa 1st cutting 98%, 99% 2013, 99% average. Alfalfa 2nd cutting 28%, 39% 2013, 43% average. Alfalfa condition 1% very poor, 2% poor, 9% fair, 70% good, 18% excellent. Stock water supplies 0% very short, 3% short, 83% adequate, and 14% surplus. The south central part of the state was the only area that received significant moisture. Average temperatures were below normal across most of the state last week. Reports indicated that warmer weather was needed to push development of late planted crops.

OHIO: Days suitable for fieldwork 5.6. Topsoil moisture 4% very short 17% short, 67% adequate, 12% surplus. Subsoil moisture 3% very short 14% short, 73% adequate, 10% surplus. Oats coloring 93%, NA 2013, NA Avg. Alfalfa hay second cutting 86%, NA 2013, NA avg. Alfalfa hay third cutting 32%, NA 2013, NA Avg. Other hay second cutting 72%, NA 2013, NA avg. Other hay third cutting 19%, NA 2013, NA avg. Average temperatures recorded around the State ranged from 65 to 71 degrees or ten degrees below to one degree below normal. The lowest recorded temperature was 46 degrees and the highest was 87 degrees. The statewide average temperature for the week was 67.6 degrees, 4.7 degrees cooler than normal. Recorded precipitation ranged from 0.06 to 3.95 inches, with a statewide average of 1.06 inches. Corn and soybean continue to progress steadily though weather has been unpredictable. Rain was very scattered over the week with some regions reporting heavy rainstorms, and others reporting very dry ground. Soybean stands are continuing to flower and set pods. Corn plants have continued silking, and are beginning to dough. Field activities for the week included spreading manure, installing tile, and baling hay. Corn condition was 76% good to excellent compared to 80% at this time last year; though some farmers have stated the corn looks stunted due to unfavorable growing conditions. Soybean condition was 70% good to excellent which is the same as this time last year. Oat harvesting continues, with progress nearly even with 2013, but significantly behind the 5-year average.

OKLAHOMA: Days suitable for fieldwork 4.4. Topsoil moisture 10% very short, 26% short, 61% adequate, 3% surplus. Subsoil moisture 21% very short, 38% short, 41% adequate, 0% surplus. Alfalfa condition 7% very poor, 12% poor, 34% fair, 40% good, 7% excellent; second cutting 93% this week, 91% last week, 95% last year, 97% average; third cutting 50% this week, 33% last week, 56% last year, 67% average. Other Hay 7% very poor, 12% poor, 41% fair, 35% good, 5% excellent; first cutting 89% this week, 85% last week, 96% last year, 94% average; second cutting 35% this week, 30% last week, 28% last year, 27% average. Watermelons harvested 44% this week, 32% last week, 56% last year, 63% average. Livestock condition 1% very poor, 3% poor, 26% fair, 60% good, 10% excellent. Pasture and range condition 6% very poor, 12% poor, 33% fair, 43% good, 6% excellent. Rain events over the past few weeks helped row crop development last week. Corn in the Southwest District was maturing quickly and pasture was improving statewide, but heavy runoff was still needed to fill ponds and lakes. Hay harvest was in full swing, with good yield reported. Early in the week an eastward moving line of thunderstorms produced good precipitation totals for the Panhandle District and the Southwest District. However, a lot more rain is needed to alleviate drought conditions in those areas. The storm also brought high winds to South Central Oklahoma. A wind speed of 106 mph was recorded at the Burneyville Mesonet station on Wednesday, July 30th. Overall, row crop conditions continued to be rated mostly good to fair and were progressing quickly. Temperatures ranged from 54 degrees at Beaver on Thursday, July 31st to 94 degrees at Hooker on Sunday, August 3rd. Precipitation ranged from 1.58 inches in the Panhandle District to 3.18 inches in the Southeast District. Topsoil and subsoil moisture conditions were rated mostly adequate to short.

OREGON: Days suitable for field work 6.6 days. Topsoil Moisture 18% Very Short, 44% Short, 35% Adequate, 3% Surplus. Subsoil Moisture 20% Very Short, 41% Short, 38% Adequate, 1% Surplus. Range and Pasture 12% Very Poor, 27% Poor, 35% Fair, 25% Good, 1% Excellent. Winter Wheat Condition 7% Very Poor, 13% Poor, 36% Fair, 39% Good, 5% Excellent. Spring Wheat Condition 4% Very Poor, 6% Poor, 38% Fair, 50% Good, 2% Excellent. Barley Condition 4% Very Poor, 3% Poor, 44% Fair, 46% Good, 3% Excellent. Winter Wheat Harvested 74%, 70% 2013, 52% avg. Spring Wheat Harvested 50%, 60% 2013, 41% avg. Hay 2nd cutting 87%, 71% 2013, 69% avg. Hay 3rd cutting 33%, 3% 2013, 5% avg. Barley Harvested 34%, 44% 2013, 35% avg. Hot Temperatures in Oregon. Days suitable for fieldwork were 6.6. Pasture and range conditions were reported to be 12% very poor, 27% poor, 35% fair, 25% good, and 1% excellent. In western Oregon winter wheat harvest was almost complete, while grass seed harvest was half way complete. Green beans and peppermint were being harvested. Field corn tasseled. Raspberries and blackberries were at farmer's markets. Blueberries were still being picked and pears were almost ready to be picked. Plums were ripening. Green beans were being harvested. Beans for cannery were fully matured and were being harvested. Zucchini and other squash were abundant. Beets were at farmer's markets. New potatoes were ready for harvest. Cole crops were looking good. Some nurseries and greenhouses were irrigating sensitive plants. Dry and windy conditions have caused all but irrigated or sub-irrigated pastures to go dry for the season. Cows, buffalo and calves were holding up well in the hot weather. In eastern Oregon wheat harvest continued with many producers finishing up. Cherry harvest was winding down in some areas and routine orchard operations continued. The second cutting of hay was being harvested.

PENNSYLVANIA: Days suitable for fieldwork, 5. Topsoil moisture, 0% very short, 16% short, 71% adequate, and 13% surplus. Subsoil moisture, 0% very short, 17% short, 69% adequate, 14% surplus. Corn silking, 81% this week, 90% last year, 86% average. Corn milk, 44% this week, n/a last year, n/a average. Oats coloring, 96% this week, 100% last year,

100% average. Oats mature, 58% this week, 92% last year, 82% average. Soybean blooming, 82% this week, n/a last year, n/a average. Soybeans setting pods, 50% this week, n/a last year, n/a average. Winter wheat harvested, 96% this week, 97% last year, 96% average. Hay alfalfa second cutting, 85% this week, 88% last year, 92% average. Hay alfalfa third cutting, 42% this week, 28% last year, 51% average. Hay other than alfalfa first cutting, 97% this week, n/a last year, n/a average. Hay other than alfalfa second cutting, 62% this week, 60% last year, 69% average. Hay other than alfalfa third cutting, this week 6%, last year n/a, average n/a. Apples Harvested, 12% this week, 10% last year, 18% average. Peaches Harvested, 20% this week, 46% last year, 50% average. Apples condition, 4% very poor, 6% poor, 18% fair, 50% good, 22% excellent. Cherries condition, 100% very poor, 0% poor, 0% fair, 0% good, 0% excellent. Corn condition, 0% very poor, 3% poor, 16% fair, 46% good, 35% excellent. Hay Other condition, 1% very poor, 13% poor, 29% fair, 53% good, 4% excellent. Oats condition, 1% very poor, 2% poor, 24% fair, 59% good, 14% excellent. Soybeans condition, 0% very poor, 1% poor, 16% fair, 62% good, 21% excellent. Quality of Hay Made, 3% very poor, 4% poor, 26% fair, 38% good, 29% excellent. Pasture condition, 5% very poor, 8% poor, 32% fair, 41% good, 14% excellent. Peaches condition, 2% very poor, 0% poor, 11% fair, 50% good, 37% excellent. Field activities for the week included harvesting, spraying, baling and spreading manure.

SOUTH CAROLINA: Days suitable for fieldwork 5.2. Topsoil Moisture 6% very short, 24% short, 63% adequate, 7% surplus. Subsoil Moisture 11% very short, 21% short, 63% adequate, 5% surplus. Pasture and Range condition 0% very poor, 35% poor, 33% fair, 30% good, 2% excellent. Peaches condition 1% very poor, 2% poor, 44% fair, 53% good, 0% excellent. Peanuts condition 0% very poor, 3% poor, 16% fair, 69% good, 12% excellent. Livestock condition 0% very poor, 4% poor, 40% fair, 52% good, 4% excellent. Tobacco condition 0% very poor, 0% poor, 22% fair, 65% good, 13% excellent. Corn condition 1% very poor, 8% poor, 27% fair, 55% good, 9% excellent. Corn Doughed 97%, 95% 2013. Winter Wheat harvested 100%, 99% 2013. Peaches Harvested 81%, 85% 2013. Cantaloupes Harvested 95%, 89% 2013. Cucumbers Harvested 97%, 89% 2013. Snap beans harvested 98%, 93% 2013. Watermelons harvested 97%, 93% 2013. Tomatoes harvested 99%, 100% 2013. Peanuts pegged 98%, 88% 2013. Soybeans planted 99%, 100% 2013. Soybeans emerged 99%, 99% 2013. Soybeans Blooming 74%, 37% 2013. Soybeans setting pods 14%, 5% 2013. Tobacco Topped 100%, 98% 2013. The state average temperature for the seven-day period was two degrees below the long-term average. The state average rainfall for the seven-day period was 2.2 inches.

SOUTH DAKOTA: Days suitable for fieldwork 6.5. Topsoil moisture 7% very short, 29% short, 62% adequate, 2% surplus. Subsoil moisture 4% very short, 22% short, 72% adequate, 2% surplus. Winter wheat conditions 0% very poor, 3% poor, 21% fair, 62% good, 14% excellent. Winter wheat 93% mature 91% 2013, 97% average. Spring wheat 86% coloring, 95% 2013, 97% average. Spring wheat mature 30%, 32% 2013, 64% average. Barley coloring, 45%, 92% 2013, 93% average. Oats 90% coloring, 97% 2013, 95% average. Oats mature 71% mature, 69% 2013, 74% average. Oats harvested, 42%, 38% 2013, 50% average. Sorghum headed 660%, 62% 2013, 49% average. Sorghum coloring 5%, 4% 2013, 6% average. Soybeans setting pods 51%, 34% 2013, 43% average. Sunflower blooming 23%, 20% 2013, 24% average. Alfalfa conditions 1% very poor, 12% poor, 17% fair, 49% good, 21% excellent. Alfalfa second cutting 67%, 84% 2013, 80% average. Alfalfa third cut 3%, 7% 2013, 14% average. Stock waters supplies 2% very short, 16% short, 79% adequate, 3% surplus. Below normal temperatures and scattered rain showers occurred across South Dakota.

TENNESSEE: Days suitable 6.5. Topsoil moisture 6% very short, 33% short, 59% adequate, 2% surplus. Subsoil moisture 5% very short, 28% short, 64% adequate, 3% surplus. Corn silking, 99%, corn doughing, 71%. Cotton 98% squaring, 69% setting bolls. Soybeans, 75% blooming, 47% setting pods. Winter wheat 96% harvested. Corn condition 1% very poor, 4% poor, 19% fair, 54% good, 22% excellent. Cotton condition, 1% very poor, 6% poor, 25% fair, 56% good, 12% excellent. Soybean condition 1% very poor, 4% poor, 20% fair, 58% good, 17% excellent. Pasture and Range condition 1% very poor, 12% poor 35% fair, 49% good, 3% excellent. Other activities included harvesting tobacco, herbicide and insecticide applications, and second cuttings of hay.

TEXAS: Days suitable for fieldwork 5.9. Topsoil moisture 21% very short, 46% short, 30% adequate, 3% surplus. Subsoil moisture 22% very short, 45% short, 31% adequate, 2% surplus. Corn dented 75%, 60% 2013, 60% avg.; Corn mature 45%, 54% 2013, 54% avg. Cotton bolls opening 9%, 9% 2013, 12% avg. Sorghum mature 81%, 63% 2013, 61% avg.; Sorghum harvested 39%, 45% 2013, 45% avg. Sunflowers harvested 30%, 3% 2013, 1% avg. Range and pasture condition 8% very poor, 16% poor, 35% fair, 32% good and 9% excellent. The majority of the state received measurable rainfall last week. The Blacklands and East Texas received up to 5 inches in isolated areas, while the Trans-Pecos, Northern High Plains, and South Texas saw between 1 and 3 inches. Other areas within the state received no more than one inch of rainfall. Summer time temperatures continued across the state with highs averaging between the mid 90's and

low 100's, though some areas in the Northern High Plains and the Blacklands experienced cooler temperatures toward the end of the week. Small grain producers across the state continued field work ahead of fall seeding. Cotton continued to progress in the Trans-Pecos, Edwards Plateau, and South East Texas, while cooler temperatures slowed development in the Northern High Plains. Sorghum harvest began in areas of South Central and the Coastal Blend. Producers in the Upper Coast and Lower Valley are preparing for corn harvest in the upcoming weeks. Rice continued to head in the Upper Coast, while peanuts were still in the pegging stage in South Texas. Sunflower harvest progressed in the Blacklands and South Central Texas. In South Texas, pecan orchards were being irrigated due to lack of moisture and high temperatures. Peach harvest was winding down in the Cross Timbers and Edwards Plateau. Producers in the Northern High Plains began potato harvest. Recent rainfall in the Northern Plains improved pasture and range last week, while conditions began to deteriorate in areas of Edwards Plateau due to dry weather. Hay harvest was active across the state last week, with some producers in the Trans-Pecos working on their fourth and fifth cuttings of alfalfa. Forage for cattle progressed in the Upper Coast and the Blacklands, though some producers in South Texas began to provide supplemental feed.

UTAH: Days suitable for field work 5.6. Topsoil moisture 19% very short, 42% short, 38% adequate, 1% surplus. Subsoil Moisture 19% very short, 48% short, 33% adequate. Winter wheat harvested 68%, 53% 2013, 45% 5-yr avg. Barley harvested 42%, 33% 2013, 28% 5-yr avg; condition 8% fair, 69% good, 23% excellent. Oats headed 96%, 97% 2013, 96% 5-yr avg; condition 16% fair, 73% good, 11% excellent. Spring wheat harvested 27%, 19% 2013, 18% 5-yr avg; condition 4% poor, 18% fair, 58% good, 20% excellent. Alfalfa hay second cutting 80%, 86% 2013, 77% 5-yr avg. Alfalfa hay third cutting 4%, 10% 2013, 20% 5-yr avg. Other hay first cutting 95%, 92% 2013, 89% 5-yr avg. Corn Silked 61%, 73% 2013, 59% 5-yr avg; average corn height in the State is 71 inches. Apricots harvested 64%, 72% 2013, 81% 5-yr avg. Sweet cherries harvested 95%, 97% 2013, 96% 5-yr avg. Tart cherries 86% harvested, 83% 2013, 73% 5-yr avg. Cattle and calves condition 1% poor, 20% fair, 68% good, 11% excellent. Sheep and lamb condition 14% fair, 80% good, 6% excellent. Stock water supplies 13% very short, 34% short, 53% adequate. Beaver County received rain this past week. It helped pastures but is making it hard to put up second crop hay. Eastern Box Elder County had good rain fall on Monday night. Most of the locations got about an inch of water. The western half of the County had more scattered showers with less than a quarter inch reported in most locations. Wheat harvest came to a halt for a couple of days while the fields and grain dried out. Irrigated yields are average to better than average. Dry land yields are average but given the dry spring and summer they are better than expected. Recent storms have slowed the harvest of third crop hay. Ranchers are very happy with the recent rains. These rains may prolong how long cattle and sheep can stay on the summer range. In Cache County, wheat and barley are yielding quite well. Alfalfa yields are also quite impressive. Corn continues to grow well with the hotter weather and adequate irrigation water. We have some areas where spider mites in corn are a continuing concern. Monsoon rains in Iron County continue to help soil and range conditions. In Rich County, storms mid week shut haying down for a couple of days. Second crop alfalfa looks good and producers might start cutting towards the end of the week. Barley and oats cut for hay are beginning to be harvested. Cattle continue to move to upper elevations. Pastures are in good to great shape with the recent storms. Monsoonal moisture streaming into Sevier County benefited range but no grass re-growth yet. Flash flooding over topped the Richfield Canal and flooded pastures, homes and businesses. Irrigation water supplies in Uintah County have run out in some areas and will soon be used up in others. A couple days of light rain in Weber County have slowed grain and alfalfa harvest, but helped corn, range, and pasture growth.

VIRGINIA: Days suitable for fieldwork 5.3. Topsoil moisture 6% very short, 24% short, 65% adequate, 5% surplus. Subsoil moisture 4% very short, 29% short, 66% adequate, 1% surplus. Cotton 1% fair, 95% good, 4% excellent. Cotton squaring 94%, 98% 2013, 96% 5-yr avg. Cotton setting bolls 59%, 60% 2013, 66% 5-yr avg. Peanuts 2% fair, 89% good, 9% excellent. Peanuts pegging 81%, 79% 2013, 79% 5-yr avg. Cotton 1% very poor, 9% poor, 23% fair, 55% good, 12% excellent. Corn silking 91%, 88% 2013, 92% 5-yr avg. Corn dough 65%, 58% 2013, 63% 5-yr avg. Corn dented 26%, 20% 2013, 31% 5-yr avg. Soybeans 4% poor, 22% fair, 65% good, 9% excellent. Soybeans blooming 45%, 56% 2013, 56% 5-yr avg. Soybeans setting pods 21%, 17% 2013, 22% 5-yr avg. Summer potatoes harvested 82%, 92% 2013, 91% 5-yr avg. Flue-cured tobacco 3% very poor, 7% poor, 33% fair, 30% good, 27% excellent. Flue-cured harvested 9%, 16% 2013, 12% 5-yr avg. Fire-cured tobacco 1% very poor, 5% poor, 47% fair, 39% good, 8% excellent. Burley tobacco 1% very poor, 2% poor, 29% fair, 60% good, 8% excellent. Livestock 1% very poor, 4% poor, 21% fair, 59% good, 15% excellent. Pasture 6% very poor, 15% poor, 33% fair, 41% good, 5% excellent. Alfalfa hay 7% poor, 31% fair, 56% good, 6% excellent. Other hay 4% very poor, 17% poor, 36% fair, 39% good, 4% excellent. All apples 1% poor, 38% fair, 60% good, 1% excellent. All apples harvested 17%. Grapes 8% poor, 33% fair, 50% good, 9% excellent. Peaches 15% very poor, 17% poor, 29% fair, 38% good, 1% excellent. Peaches harvested 42%, 58% 2013, 51% 2014. It was a cool and wet

week for the Old Dominion. Temperatures were about 3 to 7 degrees below normal for this time of year. Rainfall varied based on location, but most places received one or more inches. Days suitable for fieldwork were 5.3. The cool weather and rain improved crop conditions, except in some cases where it was too late for corn. Cattle and pasture conditions also benefited from the cooler than normal temperatures. Virginia's vegetables were reported in good condition, with favorable yields for the tomato crop. At some locations, farmers were making their 2nd and 3rd cutting of hay. Other farming activities included spraying growth inhibitors on cotton, applying fungicides, herbicides, and insecticides to crops, and preparing for the corn harvest.

WASHINGTON: Days suitable for fieldwork 6.5. Topsoil Moisture 17% Very Short, 48% Short, 34% Adequate and 1% Surplus. Subsoil Moisture 21% Very Short, 46% Short, 33% Adequate and 0% Surplus. Range and Pasture Conditions were 8% very poor, 17% poor, 44% fair, 26% good, and 5% excellent. Winter Wheat Condition 7% Very Poor, 23% Poor, 45% Fair, 22% Good, 2% Excellent. Winter Wheat Harvested 56%, 39% PW, 43% PY and 31% 5YA. Spring Wheat Condition 7% Very Poor, 26% Poor, 48% Fair, 18% Good, and 1% Excellent. Spring Wheat Harvested 33%, 28% PW, 14% PY, and 7% 5YA. Barley Condition 4% Very Poor, 19% Poor, 56% Fair, 21% Good, and 0% Excellent. Barley Harvested 20%, 8 PW, 5% PY, and 5% 5YA. Potatoes Condition 0% Very Poor, 2% Poor, 27% Fair, 66% Good, 5% Excellent. Potatoes Harvested 15%, 9% PW, 16% PY, and 14% 5YA. Corn Condition 0% Very Poor, and 0% Poor, 30% Fair, 55% good, 15% Excellent. Corn Silked 66%, 55% PW, 79% PY, and 63% 5YA. Corn Dough 33%, 11% PW, 5% PY, and 4% 5YA. Dry beans Condition 0% very Poor, 6% poor, 37% fair, 54% Good, and 3% Excellent. Dry Pea Harvested 55%, 50% PW, 45% PY, 29% 5YA. Green Pea Processing Harvested 93%, 89% PW, 95% PY, and 93% 5YA. Alfalfa second cutting of hay 80%, 70% PW, 88% PY, and 75% 5YA. Third Cutting of Alfalfa Hay and Grain Harvest Underway in Washington. In Whitman County winter and spring wheat, and barley harvest were underway during another week of hot and dry weather. Winter wheat harvest progressed as well in Lincoln County with the southern region nearing completion. In Adams County third cutting of alfalfa hay and corn harvest continued. Thunder and lightning storms threatened to start wildfires in Franklin County, as potato and corn harvest were in full swing. In Yakima County, daytime high temperatures started in the triple digits and cooled off to the mid 90s over the weekend. Peach and nectarine crops are still coming in and the quality of fruit was very good. Tomatoes, cucumbers, melons, sweet corn, summer squash, peppers and squash were available at local vegetable stands. Also in Central Washington, lightning strikes were noted on Saturday followed by reports of more brushfires, particularly in Kittitas County. Dry and breezy conditions in the sage lands made it difficult for fire fighters to contain those brushfires. No crop losses due to weather conditions reported.

WEST VIRGINIA: Days suitable for fieldwork 5. Topsoil moisture was 3% very short, 19% short, 77% adequate, and 1% surplus compared to 3% short, 83% adequate, and 14% surplus last year. Subsoil moisture was 10% very short, 23% short, 65% adequate, and 2% surplus, comparison data not available. Corn conditions were 2% very poor, 8% poor, 29% fair, 45% good, and 16% excellent. Corn was 75% silked, 52% in 2013, and 71% 5-year avg. Corn was 8% doughing, 3% in 2013, and 10% 5-year avg. Soybean conditions were 3% poor, 17% fair, and 80% good. Soybeans were 71% blooming, 50% in 2013, and 61% 5-year avg. Soybeans were 35% setting pods, 22% in 2013, and 26% 5-year avg. Winter wheat was 76% harvested, 88% in 2013, 5-year avg. not available. Hay conditions were 4% very poor, 8% poor, 35% fair, 51% good, and 2% excellent. Hay second cutting was 19%, 10% in 2013, and 28% 5-year avg. Apple conditions were 1% very poor, 5% poor, 28% fair, 64% good, and 2% excellent. Peach conditions were 2% very poor, 13% poor, 22% fair, 61% good, and 2% excellent. Peaches were 12% harvested, 20% in 2013, 5-year avg. not available. Cattle and calves were 2% poor, 20% fair, 70% good, and 8% excellent. Sheep and lambs were 1% poor, 19% fair, 74% good, and 6% excellent. Farming activities included making hay, harvesting winter wheat, and harvesting peaches. Some producers have calves with pinkeye. Recent cool nights should be beneficial to hay quality.

WISCONSIN: Days suitable for fieldwork 5.7. Topsoil moisture 7% very short, 26% short, 64% adequate and 3% surplus. Subsoil moisture 3% very short, 18% short, 76% adequate, and 3% surplus. Winter wheat harvested 47% n.a. 2013, n.a. avg; condition 1% very poor, 9% poor, 17% fair, 52% good, 21% excellent. Hay, alfalfa, second cutting 90%, 84% 2013, 90% avg.; third cutting 22%, 13% 2013, 28% avg. Hay, all types, condition 3% poor, 13% fair, 57% good, 27% excellent. Potatoes condition 11% fair, 68% good, 21% excellent. Scattered afternoon showers and thunderstorms interrupted fieldwork in many areas this week. There were isolated reports of crop damage due to hail or high winds. However, the spotty precipitation produced by these storms was not enough to combat increasingly dry soil conditions. Topsoil moistures fell, with 33 percent short to very short compared to 23 percent short to very short last week. Reporters commented that irrigation systems were running in many parts of the state. Temperatures were slightly cooler than the previous week, with highs in the 70s and 80s, and overnight lows in the 50s. Reporters statewide noted that dry soil

conditions and a lack of heat units were keeping corn development behind normal, especially for late planted fields. Cranberries were setting fruit this week. Snap beans and sweet corn development was reportedly behind normal. Haying and small grains harvest proceeded, though showers and heavy morning dews limited the time farmers could spend in fields. Across the reporting stations, average temperatures this week were 2 to 4 degrees below normal. Average high temperatures ranged from 78 to 82 degrees, while average low temperatures ranged from 55 to 59 degrees. Precipitation totals ranged from 0.35 inches in Eau Claire to 1.25 inches in Milwaukee.

WYOMING: Days suitable for fieldwork 5.6. Topsoil moisture 11% very short, 33% short, 56% adequate. Subsoil moisture 8% very short, 38% short, 54% adequate. Barley headed 96%, 93% 2013, 92% 5-yr avg; coloring 85%, 63% 2013, 72% 5-yr avg; mature 53%, 40% 2013, 48% 5-yr avg; harvested 5%, 7% 2013, 22% 5-yr avg; condition 2% fair, 66% good, 32% excellent. Oats headed 94%, 80% 2013, 87% 5-yr avg; coloring 73%, 47% 2013, 59% 5-yr avg; mature 39%, 7% 2013, 32% 5-yr avg; harvested 2%, 10% 2013, 11% 5-yr avg; condition 1% very poor, 2% fair, 87% good, 10% excellent. Spring wheat headed 96%, 99% 2013, 92% 5-yr avg; coloring 82%, 66% 2013, 66% 5-yr avg; mature 30%, 14% 2013, 37% 5-yr avg; harvested 6%, 9% 2013, 10% 5-yr avg; condition 1% poor, 7% fair, 88% good, 4% excellent. Sugarbeets condition 85% good, 15% excellent. Winter wheat harvested 5%, 67% 2013, 70% 5-yr avg; condition 26% fair, 71% good, 3% excellent. Corn silking 40%, 32% 2013, 31% 5-yr avg; condition 1% poor, 4% fair, 88% good, 7% excellent. Dry beans blooming 71%, 65% 2013, 73% 5-yr avg; setting pods 24%, 25% 2013, 40% 5-yr avg; condition 8% fair, 80% good, 12% excellent. Alfalfa hay 2nd cutting 45%, 34% 2013, 32% 5-yr avg. Livestock condition 2% poor, 16% fair, 66% good, 16% excellent. Crop insect infestation 3% severe, 7% moderate, 46% light, 44% none. Irrigation water supplies 1% poor, 10% fair, 76% good, 13% excellent. Areas in Carbon, Converse, and Platte Counties received monsoon rains last week.

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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