ALABAMA: Days suitable for fieldwork was 4.5. Topsoil 1% very short, 17% short, 71% adequate, 11% surplus. Corn 88% planted, 83% 2003, 83% avg. Soybeans 9% planted, 6% 2003, 7% avg. Winter wheat condition 2% very poor, 8% poor, 34% fair, 54% good, 2% excellent. Pasture feed 4% very poor, 13% poor, 34% fair, 45% good, 4% excellent. Livestock condition 3% very poor, 7% poor, 27% fair, 51% good, 12% excellent. The state received much needed rainfall, pastures, hay fields are showing signs of improvement

ARIZONA: Temperatures for the State were above normal for the first week of May. Small grains heading is well underway. There was 87% of Durum Wheat, 80% of Winter Wheat, 85% of Barley, 80% of Other Small Grains headed. Alfalfa conditions remain good to excellent. Cotton 65% planting, 63% 2003, 68% 5-yr avg. Precipitation was reported at 4 of the 17 reporting stations. Precipitation ranged from 0.02 inches at Tucson, 0.09 inches at Canyon De Chelly.

ARKANSAS: Days suitable for fieldwork was 3. Soil 0% very short, 3% short, 45% adequate, 52% surplus. Corn 93% planted, 98% 2003, 95% 5-yr avg.; 84% emerged, 84% 2003, 74% 5-yr avg. Soybeans 25% planted, 22% 2003, 16% 5-yr avg.; 13% emerged, 6% 2003, 4% 5-yr avg. Sorghum 49% planted, 65% 2003, 65% 5-yr avg.; 32% emerged, 33% 2003, 36% 5-yr avg. Cotton 21% planted, 29% 2003, 25% 5-yr avg. Rice 77% planted, 83% 2003, 71% 5-yr avg.; 54% emerged, 48% 2003, 37% 5-yr avg. Wheat 87% headed, 73% 2003, 87% 5-yr avg.; 1% very poor, 6% poor, 35% fair, 48% good, 10% excellent. Hay-Other condition 0% very poor, 1% poor, 46% fair, 48% good, 5% excellent. Hay-Alfalfa condition1% very poor, 3% poor, 34% fair, 62% good, 0% excellent. Pasture, Range feed 0% very poor, 2% poor, 30% fair, 57% good, 11% excellent. Parts of the state received as much as 11 inches of rain during the latter part of last week. It is anticipated that some row crops in the northeastern part of the state will have to be replanted. CROPS: Planting was delayed again this week. In some fields producers began side dressing corn with nitrogen fertilizer. There are small areas scattered throughout the state that were dry enough to proceed in planting soybeans, grain sorghum, cotton, rice. Newly planted cotton fields on which water stood for an extended period, will likely need replanting. Emerged rice acres are being sprayed with herbicides, fertilizer. Wheat is in good to fair condition, it is reported that scab disease will not be a widespread problem. LIVESTOCK: Livestock are reported to be in good condition. Calving is taking place, cattle are bothered by flies. Many acres of pasture in river valleys are underwater around the state. Remaining pastures are being fertilized, sprayed for weed control.

CALIFORNIA: Warm temperatures continued to accelerate seedhead development in small grain crops such as barley, oats, wheat. Irrigation of small grain crops was ongoing in many areas, but equipment was removed from some fields to prepare for harvest. Overall, winter wheat was in good condition and nearly fully headed out. Plants in some areas had begun to turn color as high temperatures rapidly increased plant maturity. Newly emerged corn plantings made good progress. Many fields were cultivated, irrigated while other fields were prepared for planting. Rice planting was complete in a small number of fields. The majority of rice fields continued to be prepared for planting in the near future. Many fields were flooded. Cotton plantings showed excellent progress. In many fields in Kern County, applications were underway in a number of fields. Alfalfa, oats, winter forage were harvested for hay, silage, greenchop. The first cutting of alfalfa was complete in many fields. Newly emerged fields of alfalfa were irrigated, showed rapid development. Sugar beet harvest was ongoing in many areas. Vigorous growth was seen in new plantings as many fields were cultivated, irrigated. Safflower planting continued in some areas. Potato harvesting continued in the San Joaquin Valley. Sweet potato planting continued. Early table grape varieties began to show the first signs of bloom. To enhance fruit quality, growth regulating hormones were applied to some table grapes. Disease, weed, insect control work continued in raisin, wine, table grape vineyards. Irrigation was widespread as rapid growth increased water requirements. Fruit thinning, pest control treatments, cultivation, irrigation were ongoing in many tree fruit orchards. Color picking of Brooks, Garnet, Tulare cherries began, will gain momentum once overall maturity is reached. Picking was also underway in Castlemite apricot, a few early variety peach orchards. Pomegranate orchards were blooming in several districts. Bloom on kiwifruit vines was finishing up, but growers continued to thin canes. The blueberry season got underway as picking started in east side districts of Fresno County. Blueberry, boysenberry fruit sets were enhanced by timely irrigation, warm temperatures. Strawberry harvesting continued with brisk sales at roadside stands. Some picking continued in late variety navel orange orchards, a few Valencia orange orchards. Navel harvest was about 90% complete. The demand for Valencia oranges stabilized, picking decreased due to falling prices. Lemon harvesting continued. Irrigation, treatments to control diseases, insect pests were underway in a number of citrus orchards. Olive bloom increased. Steady nut development continued in almond, walnut orchards. Serr Chico walnut fruit set was reported to be light on mature trees, whereas fruit set appeared heavy on pistachio trees. Irrigation was ongoing in many nut orchards. Warmer temperatures were conducive for good growth of summer vegetables. Vegetable fields continued to be irrigated, cultivated, fertilized. Some pest, disease control treatments continued to be applied as needed. Planting of fresh market, processing tomatoes, sweet corn, melons continued. Early tomatoes were in full bloom with small fruit appearing in many fields in Fresno County. Harvesting of asparagus continued while some onions were being harvested with green tops. Parsley, carrots continued to be harvested. Spring broccoli, spring
lettuce harvests were essentially completed in Fresno County. Garlic for fresh market, processing was growing well, with good crop maturity. The following vegetables were also harvested: beets, cabbage, cucumbers, fennel, green beans, green onions, kale, leeks, mustard greens, radicchio, snow peas, spinach, sugar peas, summer squash, Swiss chard, turnips, zucchini. Foothill pastures were dry in central, southern state. Above normal temperatures were drying pastures rapidly in northern state. Feeder cattle were moving to market or to summer pastures. Good to excellent hay growth has been reported as to field conditions or to other areas for further feeding. Stock ewes were grazing on various pastures. Some beekeepers in the central area were extracting honey produced during the recent citrus, stone fruit bloom.

COLORADO: Days suitable for fieldwork 4.2. Topsoil 5% very short, 23% short, 69% adequate, 3% surplus. Subsoil 37% very short, 40% short, 23% adequate, 0% surplus. The state received scattered rains towards the end of the week adding to the moisture received the previous week. Cool temperatures allowed the moisture to soak into the soil. Spring barley 77% seeded, 80% 2003, 85% avg.; 33% emerged, 43% 2003, 46% avg.; 4% poor, 31% fair, 35% good, 30% excellent. Dry onions 94% planted, 95% 2003, 93% avg.; 4% poor, 37% fair, 51% good, 8% excellent. Summer potatoes 50% planted, 62% 2003, 71% avg.; 12% emerged, 15% 2003, 10% avg.; 33% fair, 57% good, 10% excellent. Sugar beets 89% planted, 71% 2003, 81% avg.; 12% up to stand, 25% 2003, 11% avg. Spring wheat 67% planted, 67% 2003, 67% avg.; 30% emerged, 31% 2003, 36% avg.; 8% poor, 26% fair, 64% good, 2% excellent. Cows 89% calved, 91% 2003, 84% avg. Ewes 90% lambed, 87% 2003, 88% avg.

DELAWARE: Days suitable for fieldwork 4.5. Topsoil 85% adequate, 15% surplus. Subsoil 93% adequate, 7% field. Field corn 39% planted, 20% 2003, 34% avg. barley 3% very poor, 10% poor, 16% fair, 64% good, 7% excellent; 58% headed, 23% 2003, 65% avg. Winter wheat condition 1% very poor,5% poor, 12% fair, 64% good, 18% excellent. Pasture feed 1% very poor,3% poor, 9% fair, 81% good, 6% excellent. Strawberries 54% bloomed, 51% 2003, 55% avg. Apples 89% bloomed, 78% 2003, 85% avg. Peaches 98% bloomed, 92% 2003, d 93% avg. Watermelons 11% planted, 9% 2003, 7% avg. Cucumbers 5% planted, 11% 2003, 8% avg. Snap beans 35%, 22% 2003, 26% avg. Sweet Corn 18% planted, 29% 2003, 31% avg. Green peas 89% planted, 88% 2003, 86% avg. Potatoes 79% planted, 60% 2003, 81% avg. Tomatoes 8% planted, 15% 2003, 13% avg. Cantaloupes 3%, 8% 2003, 7% avg. Hay supplies 22% very short, 50% short, 28% adequate. State farmers used their 4.5 days suitable for fieldwork to advance planting progress. Hay harvest has just begun. Small grains are in mostly good condition.

FLORIDA: Topsoil 15% very short, 45% short,39 % adequate , 1% surplus. Subsoil 15% very short, 50% short, 34% adequate , 1% surplus. Temperature average 2°. below, Pensacola to 3° above normal, Daytona Beach, West Palm Beach. Daytime highs: 70s, 80s. Nighttime lows: 40s, 50s, 60s, 70s; several central, southern Peninsula localities reported at least one high in 90s. Rainfall: less than 0.10 in. Bronson to about 5.50 in. Some localities on Sunday, Monday May 2 and 3. Peanuts 15% planted, 8% 2003, 17% 5-yr avg. Most peanut producers delayed planting due to a lack of moisture, cool soil temperature; activity expected to increase in the next several days. Most cropland was in very short condition except for a few spots in low lying areas. Some growers stopped planting cotton prior to rains, soils too dry. Most tobacco growers have finished transplanting, Madison County. Most soil moisture supplies in Panhandle rated very short to short; Leon, Wakulla, Jefferson, Madison, Jackson counties reporting a few spots of adequate moisture; Jackson County reported a few localities with surplus moisture. Most northern Peninsular area moisture supply short to short; Leon, Wakulla, Jefferson, Madison, St. John's counties reporting a few localities with adequate moisture. Most central, southern Peninsula soil moisture supplies short to adequate; St. Lucie County reporting very short soil moisture; Broward County reporting some areas with very short supplies; Seminole, Dade counties reporting some localities with surplus supplies. Strong winds accompanying storms tossed vegetables, some yield prospects lowered. Producers in some parts of Hastings area,central Peninsula, delays potato digging until fields dry from heavy rains. Other vegetables, non-citrus fruit available: snap beans, blueberries, cabbage, cantaloupes, celery, sweet corn, cucumbers, eggplant, endive, escarole, okra, peppers, radishes, squash, tomatoes, very light supplies of watermelons. Variable temperatures citrus areas, low's in 60's, highs in 80's, welcome rainfall, varying amounts, all over one-half inch, irrigation reduced, trees in excellent condition, harvest complete on early-mids, near weekly peak on Benamisa, grapefruit declining harvest, tangerines declining, Temples complete. Pasture feed 5% very poor, 20% poor, 65% fair, 10% good. Cattle condition 5% very poor, 5% poor, 60% fair, 30% good. Panhandle, north: pasture condition very poor to fair, good was suffering from drought, cool temperature. However, good rains greening up pastures. Central: pasture feed mostly fair; rain late in the week improved pasture. Southwest: pasture feed mostly fair, some low lying pasture temporarily flooded by heavy rain. Statewide: condition of cattle very poor to good, most in fair condition.

GEORGIA: Rain finally fell over the state last week. Rains were a welcome sight, providing limited relief from drought conditions. Showers allowed spring planting to resume in parts of the State. Pasture, field conditions improved with the moisture. More rain is needed to overcome drought conditions. Rain helped pastures, fields to green-up. Producers continued to fertilize, spray hay fields for weeds. Field preparation was accelerated throughout the State. Beds for peanuts were prepared. Strawberry, blueberry, blackberry crops looked good. Thrips threatened vegetable crops in south state. Grazing was scarce. Livestock producers were forced to feed increased amounts of hay. Some producers were weaning calves early as a result of drought conditions. Activities: Field planting, the routine care of livestock, poultry.

HAWAII: Remnants of a cold front south of the State produced variable weather throughout the past week. Light showers occurred mostly in windward, mountain areas. Bananas, papayas orchards were in generally fair to good condition with the light showers, dry, sunny weather. Vegetable crops were in mostly fair to good condition despite increasing disease incidence in some fields.

IDAHO: Days suitable for fieldwork 6.20. Topsoil 3% very short, 27% short, and 70% adequate. Some precipitation was reported for most of the state. Nearly all of the grains have been planted. Crop emergence has been seen in throughout the state. Winter wheat 29% jointed, 43% 2003, 35% avg. Oats 62% planted, 61% 2003, 54% avg.; 33% emerged, 37% 2003, 27% avg. Onions 96% emerged, 92% 2003, 85% avg. Dry peas 84% planted, 29% 2003, 49% avg.; 55% emerged, 9% 2003, 16% avg. Lentils 71% planted, 21% 2003, 33% avg.; 47% emerged, 0% 2003, 3% 2001. Field corn 2001, 20% planted, 1% avg. Potatoes 42% planted, 30% 2003, 32% avg.; 1% emerged, 0% 2003, 1% avg. Sugarbeets 63% emerged, 64% 2003, 46% avg. Irrigation water supply 5% very poor, 17% poor, 44% fair, 33% good, 1% excellent. Hay, Roughtage supply 1% very short, 13% short, 74% adequate, 12% surplus. Activities: Spreading fertilizer, seedbed preparation, applying herbicide to barley, planting peas, corn, potatoes.

ILLINOIS: Days suitable for fieldwork 3.6. Topsoil 1% very short, 7% short, 82% adequate, 10% surplus. Soybeans 1% emerged, 0% 2003, 1% avg. Oats 97% planted, 94% 2003, 94% avg.; 7% headed, 0% 2003, 0% avg.; 1% poor, 11% fair, 81% good, 7% excellent. Alfalfa 1st crop 2% cut, 0% 2003, 1% avg.; 1% very poor, 2% poor, 15% fair, 73% good, 9% excellent. Red clover 1% poor, 17% fair, 76% good, 6% excellent. Farmers remained ahead of schedule on corn planting from last week. They remained busy planting field crops. Across the state, soybean planting is on schedule with the five year average. Producers are waiting for warmer weather to continue with soybean planting. The cool, wet weather conditions have improved topsoil moisture. Activities: Spring tillage, applying fertilizers, herbicides, caring for livestock.

INDIANA: Days suitable for fieldwork 4.4. Topsoil 4% very short, 13 short, 59% adequate, 24% surplus. Subsoil 3% very short, 20% short, 66% adequate, 11% surplus. Much needed rain over the weekend helped relieve dry soil conditions. Topsoil still dry, northern areas. Planting of corn, soybeans made excellent progress. Field activities in full swing. Corn planting on record pace, 3 days ahead of previous record set in 2001, 14 days ahead of average. Soybean planting 5 days ahead of average. Many fields of corn have emerged, stands look good. Planting corn, soybeans, tillage of soils, spreading fertilizer, spraying chemicals were major activities. Temperatures averaged 3° below to 3° above.
normal for the week. Precipitation averaged 0.54 to 3.29 inches. Winter wheat growing, improving. Winter wheat 80% joined, 81% 2003, 89% avg. Hay supplies mostly adequate. Pastures 1% very poor, 4% poor, 21% fair, 63% good, 11% excellent. Livestock in mostly good condition. Spring calving continued. Activities: Repairing equipment, hail grain to market, installing drainage systems, selling livestock, purchasing supplies, hauling manure, taking care of livestock.

**IOWA:**

Agricultural Summary: Days suitable for fieldwork 5.1. Topsoil 1% very short, 18% short, 77% adequate, 4% surplus. Subsoil 6% very short, 24% short, 68% adequate, 2% surplus. The state experienced cool, dry weather conditions last week. High winds during the week, triggered reports of topsoil erosion. Corn planting continued at an accelerated rate, about 2 weeks ahead of last year. Soybeans were planted in several areas. Field Crops Report: Oat 77% emergence, 2003 67%, 66% 5-yr avg.; 1% poor, 23% fair, 70% good, 6% excellent. Corn 74% planted, 2003 48%; 43% 5-yr avg.; 9% emergence. Soybean 9% plantings, 2003 3% 6-5 yr avg. Primary seeded preparation were 87% complete, while fertilizer applications were 93% complete. Livestock, Pasture, Range Report: Pasture, range feeds improved slightly from previous week at 2% very poor, 11% poor, 32% fair, 48% good, 7% excellent.

**KANSAS:**

Days suitable for fieldwork 3.6. Topsoil 5% very short, 16% short, 67% adequate, 12% surplus. Subsoil 23% very short, 26% short, 41% adequate, 7% surplus. Subsoil moisture in the western third of the State remains low. The State received widespread showers last week. Winter wheat 93% joined, 92% 2003, 87% avg.; 28% heading or headed, 18% 2003, 17% avg.; 14% very poor, 18% poor, 28% fair, 33% good, 7% excellent. Corn 63% planted, 53% 2003, 56% avg.; 20% emerged, 22% 2003, 22% avg. Soybeans 4% planted, 4% 2003, 8% avg. Sorghum 2% planted, 2% 2003, 5% avg. Sunflowers 4% planted. Range, pasture feeds 16% very poor, 20% poor, 28% fair, 32% good, 4% excellent. Feed grain supplies 2% very short, 13% short, 83% adequate, 2% surplus. Hay, forage supplies 2% very short, 17% short, 75% adequate, 6% surplus. Stock water supplies 9% very short, 17% short, 72% adequate, 2% surplus. Some cattle are being moved onto grass.

**KENTUCKY:**

Days suitable for fieldwork 3.3. Topsoil 1% short, 70% adequate, 29% surplus. Subsoil 3% short, 77% adequate, 20% surplus. Temperatures averaged 59°, 2° below normal. Precipitation totaled 1.37 in. statewide, 0.37 in. above normal. Corn planted 66% 2003, 64% avg. 50% emerged, 45% 2003, 39% avg.; 6% poor, 22% fair, 51% good, 21% excellent. Intended soybeans acres 8% planted, 3% 2003, 6% avg. Tobacco transplants less than in 2% in 42%, 2 to 4 in. 38%, larger than 4 in. 20%. Burley tobacco set 2%, 2% last year, 2% 2003, 5% avg. Dark tobacco set 2%, 1% 2003, 2% avg. Winter wheat 31% headed, 38% 2003, 48% avg.; 2% poor, 17% fair, 54% good, 27% excellent. Pasture feed 2% poor, 20% fair, 55% good, 23% excellent. Hay crops 1% very poor, 2% poor, 23% fair, 51% good, 23% excellent. Farmers reported nitrogen supplies were readily available throughout the area.

**LOUISIANA:**

Days suitable for fieldwork 3.8. Soil 5% short, 65% adequate, 30% plus. Corn 1% poor, 18% fair, 67% good, 14% excellent; 100% emerged, 88% last week, 97% 2003, 99% avg. Cotton 34% emerged, 14% last week, 12% 2003, 20% avg. Hay 9% 1st cutting, 7% last week, 18% 2003, 24% avg. Rice 1% poor, 15% fair, 79% good, 5% excellent. Sorghum 44% emerged, 33% last week, 20% 2003, 32% avg. Soybeans 33% emerged, 23% last week, 16% 2003, 14% avg. Spring plowing 93% plowed, 92% last week, 92% 2003, 91% avg. Sugarcane 5% poor, 41% fair, 43% good, 11% excellent. Sweet potatoes 3% planted, 0% last week, 1% 2003, 3% avg. Wheat 4% poor, 18% fair, 70% good, 8% excellent; 99% headed, 97% last week, 93% 2003, 97% avg.; 28% turning color, 15% last week, 25% 2003, 47% avg. Livestock 4% poor, 34% fair, 54% good, 8% excellent. Vegetable 6% poor, 36% fair, 54% good, 4% excellent

**MARYLAND:**

Days suitable for fieldwork 4.7. Topsoil 91% adequate, 9% surplus. Subsoil 89% adequate, 11% surplus. Field corn 33% planted, 22% 2003, 29% avg. Field corn 3% emerged, 2% 2003, 7% avg. Barley condition 3% poor, 16% fair, 63% good, 18% excellent; 35% headed, 24% 2003, 61% avg. Winter wheat condition 3% poor, 3% poor, 19% fair, 64% good, 14% excellent. Pasture feed 2% very poor, 4% poor, 17% fair, 54% good, 23% excellent. Strawberries 77% bloomed, 77% 2003, 71% avg. Alfalfa Hay 1st cutting 8% 2003, 6% avg. Apples 95% bloomed, 73% 2003, 77% avg. Peaches 95% bloomed, 87% 2003, 92% avg. Watermelons 8% planted, 11% 2003,17% avg. Cucumbers 13% planted, 7% 2003, 13% avg. Snap beans 12%, 10% 2003, 13% avg. Sweet corn 23% planted, 26% 2003, 34% avg. Green peas 93% planted, 87% 2003, 90% avg. Potatoes 80% planted, 77% 2003, 88% avg. Tomatoes 36% planted, 31% 2003, 32% avg. Cantaloupes 21% planted, 17% 2003, 22% avg. Hay supplies 15% very short, 35% short, 46% adequate. State farmers used their 4.7 days suitable for fieldwork to advance planting progress. Hay harvest has just begun. Small grains are in mostly good condition.

**MINNESOTA:**

Days suitable for fieldwork 5.9. Topsoil 10% very short, 32% short, 57% adequate, 1% surplus. Corn 88% ground prepared, 76% 2003, 58% avg. Soybeans 36% ground prepared, 30% 2003, 22% avg. Green peas 52% planted, 40% 2003, 33% avg. Potatoes 61% planted, 47% 2003, 32% avg. Canola 5% planted, 26% 2003, 14% avg. Dry Beans 11% planted, 1% 2003, 2% avg. Sweet Corn 15% planted, 13% 2003, 10% avg. Sunflowers 2% planted, 4% 2003, 2% avg. Pasture feed 4% very poor, 17% poor, 41% fair, 35% good, 3% excellent. Alfalfa 3% very poor, 15% poor, 39% fair, 38% good, 5% excellent. Favorable soil, weather conditions for fieldwork helped farmers make rapid planting progress on most crops this past week. Wednesday was unseasonably hot, but the remaining days of the week were quite cool, which resulted in the average temperature for the week of 47.0 degrees, 2.6 degrees
MISSISSIPPI: Days suitable for fieldwork 4.1. Soil 5% short, 72% adequate, 23% surplus. Corn 97% planted, 98% 2003, 97% avg.; 92% emerged. 92% 2003, 87% avg.; 1% poor, 24% fair, 58% good, 17% excellent. Cotton 54% planted, 53% 2003, 39% avg.; 25% emerged, 24% 2003, 17% avg. Rice 75% planted, 64% 2003, 63% avg.; 57% emerged, 32% 2003, 32% avg. Sorghum 75% planted, 63% 2003, 57% avg.; 50% emerged, 42% 2003, 33% avg. Soybeans 78% planted, 61% 2003, 46% avg.; 57% emerged, 43% 2003, 30% avg. Wheat 97% heading, 88% 2003, 92% avg.; 3% poor, 39% fair, 41% good, 17% excellent. Hay 27% harvested (cool season), 46% 2003, 33% avg. Watermelons 80% planted, 87% 2003, 78% avg.; 53% fair, 42% good, 5% excellent. Cattle 1% very poor, 5% poor, 26% fair, 54% good, 14% excellent. Pasture 1% very poor, 13% poor, 34% fair, 46% good, 6% excellent. Weekend rain showers were welcomed by farmers statewide, especially by those in the southern, coastal regions. The rainfall proved to be favorable for emerging crops as well as cattle grazing on ryegrass, spring grass. Despite slightly cooler than normal temperatures, emerging row crops are in good condition.

MISSOURI: Days suitable for fieldwork 2.6. Topsoil 1% very short, 5% short, 66% adequate, 28% surplus. Wet weather again slowed fieldwork in most of the state. Out of the 4 districts, Crop Conditions Report shows an average of 73% good, 25% fair, 2% poor, 1% excellent, reflecting the wet conditions. Corn growth ranges from 4% or less in central-northwest, central-northeast, central-east central-districts to 45% southeast. Soybean planting is most advanced in the northwest district at 24%, while all other districts vary from 1% in the south-central district to 10% southeast. Heavy rains in the Bootheel have made cotton planting difficult. Winter wheat heading is most advanced in the southeast-central districts at 63% or more, while wheat in most counties in the northern two-thirds of the State is just beginning to head. Pastures 1% very poor, 6% poor, 23% fair, 56% good, 14% excellent, reflecting the more plentiful moisture situation. Rainfall averaged 1.50 inches, ranging by area from just over an inch in the north-central, northeast, southeast districts to 2.40 inches in the south-central district.

MONTANA: Days suitable for fieldwork 5.8. Topsoil 31% very short, 38% short, 30% adequate, 1% surplus. Subsoil 39% very short, 36% short, 25% adequate, 0% surplus. Winter wheat conditions 18% very poor, 23% poor, 43% fair, 14% good, 2% excellent. Winter wheat conditions are declining due to a combination of winter kill, limited soil moisture, therefore some winter wheat is being re-seeded. Barley 85% seeded compared with 52% for 2003, 49% 5-yr avg.; 45% emergence, 19% 2003, 14% 5-yr avg. Oat 63% seedings, 28% 2003, 33% 5-yr avg.; 17% emergence. Spring wheat 72% seeded, 51% 2003, 47% 5-yr avg.; 29% emergence, 10% for both last week, 5-yr avg. Durum wheat 23% seeded, compared with 2003, 20% 5-yr avg of 7%. Durum wheat emergence 4% compared to 3% for 2003. Sugar beets 91% planted, 78% for both 2003, 5-yr avg.; 17% emergence, 10% for 2003, 24% 5-yr avg. Corn 26% planted, 28% 2003, 22% 5-yr avg.; 0% emergence, 3% 2003. Dry beans 7% planted, 17% 2003, 18% 5-yr avg. Livestock grazing 80% open, 5% difficult, 15% closed, with pasture feeds 21% very poor, 27% poor, 35% fair, 15% good, 2% excellent. Currently, 16% of the cattle, 58% of the sheep are receiving supplemental feed compared to 2003 when 57% of cattle, 58% of sheep were receiving supplemental feed. Calving, lambing 92% and 74% complete, compared to 91% and 74% last year.

NEBRASKA: Days suitable for fieldwork 5.6. Topsoil 9% very short, 34% short, 57% adequate, 0% surplus. Subsoil 32% very short, 41% short, 27% adequate, 0% surplus. Temperatures averaged from 2 to 5° below normals for the week. Precipitation ranged from traces to 0.30 inch and was mostly limited to the Panhandle, the southern portion of the state. Corn 52% planted, 28% 2003, 34% avg. Wheat 54% planted, 54% 2003, 42% avg. Oats 96% planting, 92% 2003, 92% avg.; 67% emerged, 70% 2003, 72% avg. Sugar beets 83% planted. Alfalfa condition 3% very poor, 9% poor, 39% fair, 40% good, 9% excellent. Producer activities included caring for livestock, spring fieldwork.

NEVADA: Seasonal warming defined the weather trend for the week with temperatures averaging 3 to 9° above normal. Wind was high at times but very little storm activity occurred. Elko recorded .01 inch of rainfall, but most other stations recorded only a trace or less. The first cutting of alfalfa hay was underway in the South while the higher temperatures pushed foliage growth in the North. Weed spraying continued. Flood irrigation was underway where surface water supplies were adequate. Spring small grain planting was completed, fields were being prepared for corn, potato planting. Calves were being branded, stock were being moved to summer ranges. Lambing continued. Grasshoppers, Mormon crickets were becoming active in the North. Activities: Calving, lambing, field preparation, hay harvest, ditch cleaning, irrigation.

NEW ENGLAND: Days suitable for field work 5.4. Topsoil 2% very short, 6% short, 70% adequate, 22% surplus. Subsoil 3% very short, 4% short, 81% adequate, 1% surplus. Pasture feed 4% very poor, 18% poor, 32% fair, 38% good, 8% excellent. Maine Potatoes 0% planted, 0% 2003, 0% avg. Rhode Island Potatoes 25% planted, 10% 2003, 25% avg.; condition good. Massachusetts Potatoes 10% planted, 35% 2003, 35% avg.; condition fair/good. Maine Oats 0% planted, 0% 2003, 5% avg. Maine Barley 0% planted, 0% 2003, 5% avg. Field Corn 0% planted, 5% 2003, 5% avg. Sweet Corn 10% planted, 10% 2003, 10% avg.; condition fair/good. Apples 50% bloom. A few Cabbage: Bud Stage to Early Bloom, condition fair/good. Peaches: Bud Stage to Early Bloom, condition fair/poor. Pears: Bud Stage to Early Bloom, condition fair/good. Strawberries: Dormant to Bud Stage, condition fair/good. Massachusetts Cranberries: Dormant to Bud Stage, condition fair. Highbush Blueberries: Dormant to Bud Stage, condition fair/good. Maine Wild Blueberries: Bud Stage. Temperatures started out cool but warmed up by end of week. Warmer weather helped move small grain fields in some areas. Farmers have a chance to plant between showers. Activities: Planting early vegetables, sweet corn, potatoes; spreading manure; prepping seed beds for planting; applying fertilizer; pruning, plowing.

NEW JERSEY: Days suitable for field work were 4.5. Soil 95% adequate, 5% surplus. There were measurable amounts of rainfall during the week across most of the state. Temperatures were below normal in most areas of the state the start of the week, but rose to above normal by the latter part of the week. Irrigation water supplies 93% adequate, 7% surplus. Farmers were busy fertilizing, top dressing hay fields, plowing, planting where field conditions allowed. Small grain crops were rated in good condition. Alfalfa hay fields continued to green up. There was a report of weevils in alfalfa hay fields in the south. Sweet corn planting under plastic cover continued. Greenhouse grown lettuce was transplanted in some southern localities. Eggplant, cucumbers, cantaloupe, peppers remained in greenhouses in the north. Cabbage, lettuce, tomato transplanting continued in the south. Asparagus, spinach harvest was active across the state. Leeks, onions, kale, radishes, arugula, cilantro, parsley were harvested in southern areas of the state. Planting of peas were near completion in the south. Peaches, apples were rated in mostly good condition. Apples were in full bloom in the north, while in southern localities petals began to fall. Peaches began to shuck in the north. Blueberries began to bloom in the south. In some areas of the south strawberry plants had fifty percent stand. Grape plants had started to leaf out in some southern localities. Milk production was enhanced by adequate pastures forage in most areas.

NEW MEXICO: Days suitable for fieldwork 6.7. Topsoil 5% very short, 59% short, 36% adequate. Most of the state experienced a dry week with temperatures a few degrees below normal. A cold front late in the week brought some light snow to the northern mountains, early morning freezing temperatures to portions of the Rio Grande Valley. Precipitation for the week was generally light, mainly confined to the northeast quarter of the state. Raton was the big winner with .83" while Red River (.41") and Des Moines (.33") were the only other spots that measured over a quarter of an inch. Farmers spent the week harvesting alfalfa, planting cotton, corn, chile. There was 26% light wind damage, 9% moderate, 1% severe damage. Alfalfa conditions 53% fair, 45% good, 2% excellent with 29% 1st cutting complete. Cotton 55% planted. Corn 52% planted, both slightly above the five year average with corn being 10% emerged. Winter wheat conditions 8% very poor, 7% poor, 34% fair, 42% good, 9% excellent, with 45% reported headed. Lettuce was reported in mostly fair.
to excellent condition. Onion condition was listed in mostly fair to excellent condition. Chile conditions 7% poor, 42% fair, 51% good with planting getting close to complete at 98% planted. Apples condition was listed in mostly fair to good condition with 17% light fruit set, 83% average. Ranchers spent the week supplemental feeding, maintaining herds, water. Cattle conditions 7% poor, 46% fair, 45% good, 2% excellent. Sheep conditions 2% very poor, 17% poor, 69% fair, 12% good. Range, pasture feeds 14% very poor, 29% poor, 50% fair, 7% good.

NEW YORK: Days suitable for fieldwork 4.7. Topsoil 1% very short, 64% adequate, 35% surplus. Pasture feeds 1% very poor, 6% poor, 14% fair, 57% good, 22% excellent. Rainfall, cool temperatures at the start of the week caused fieldwork to further decline. However, as the week ended warm weather, winds dried soils allowing well-drained fields to be planted. Most fieldwork for the week included new seedings, oat planting. Only a small percentage of corn was planted by the weeks end. A number of farms in Clinton County experienced severe alfalfa winterkill while other farms reported relatively little winterkill. Apples were at 86% green tip stage, 41% half-inch green. Peaches were 36% half-inch green. Pears were 68% green-tip, 50% half-inch green. In the Lake Ontario region, apples were approaching the pink to bloom stage of development while sweet cherries were at the white bud stage. Vegetable planting for the week consisted of onion, lettuce planting in the Oswego county region. Sheeps conditions 2% very poor, 17% poor, 69% fair, 12% good. Range, pasture feeds was listed in mostly fair to good condition. Corn condition was listed in mostly fair to good condition with 17% light fruit set, 83% average. Ranchers spent the week supplemental feeding, maintaining herds, water. Cattle conditions 7% poor, 46% fair, 45% good, 2% excellent. Sheep conditions 2% very poor, 17% poor, 69% fair, 12% good. Range, pasture feeds 14% very poor, 29% poor, 50% fair, 7% good.

NORTH CAROLINA: Days suitable for field work 5.1. Soil 1% very short, 13% short, 68% adequate, 18% surplus. Activities: Disease, pest scouting, general farm maintenance. The week brought much needed rainfall across the state with amounts ranging from a half inch to a little over two inches. Precipitation combined with warm weather allowed for significant progress in planting corn, cotton, flue-cured tobacco.

NORTH DAKOTA: Days suitable for fieldwork 6.7. Topsoil 11% very short, 31% short, 56% adequate, 3% surplus. Subsoil 11% very short, 31% short, 56% adequate, 2% surplus. Warm, dry weather last week allowed producers to accelerate planting well ahead of the five year (1999-2003) average. Windy conditions reported throughout the state also caused a decrease in soil moisture supplies. Durum wheat 31% planted, 20% 2003, 11% avg.; 8% emerged, 5% 2003, 2% avg. Canola 28% planted, 24% 2003, 19% avg.; 2% emerged, 2% 2003, 4% avg. Potatoes 14% planted, 16% 2003, 16% avg.; 1% emerged, 1% 2003, 1% avg. Flaxseed 19% planted, 11% 2003, 8% avg.; 1% emerged, 1% 2003, 0% avg. Sunflower 2% planted, 1% 2003, 0% avg. Dry Edible Beans 1% planted, 0% 2003, 0% avg. Sugarbeets 10% emerged, 11% 2003, 5% avg. Hay, forage supplies 7% very short, 18% short, 70% adequate, 5% surplus. Grain, concentrate supplies 2% very short, 10% short, 83% adequate, 5% surplus. Calving 91% complete, lambing 94% complete. The week brought much needed rainfall across the state with amounts ranging from a half inch to a little over two inches. Precipitation combined with warm weather allowed for significant progress in planting corn, cotton, flue-cured tobacco.

OHIO: Days suitable for field work 3.8. Topsoil 2% very short, 5% short, 64% adequate, 29% surplus. Corn 52% planted, 64% 2003, 31% avg.; 5% emerged, 6% 2003, 3% avg. Oats 61% planted , 91% 2003, 80% avg.; 28% emerged, 46% 2003, 52% avg. Potatoes 47% planted, 48% 2003, 42% avg. Soybeans 23% planted, 31% 2003, 15% avg. Winter wheat 71% jointed, 72% 2003, 73% avg.; 3% headed, 1% 2003. Hay conditions 0% very poor, 2% poor, 20% fair, 63% good, 15% excellent. Livestock conditions 1% very poor, 2% poor, 17% fair, 65% good, 15% excellent. Pasture feeds 0% very poor, 3% poor, 24% fair, 58% good, 15% excellent. Winter wheat conditions 1% very poor, 4% poor, 22% fair, 55% good, 18% excellent. Tuesday night a killing frost struck across much of the state. Respondents report mild to severe damage to fruit crops throughout the State. During the week producers planted corn, soybeans, oats in well drained soils. High winds during the day made fertilizer application almost impossible this past week. Farmers worked around this by applying fertilizer during early morning, late evening hours while the winds were lighter. Acrofilling 1012000 industry numbers, virtually all of the sugarcube acreage has been planted in the state. Many fruit producers checked their orchards for damage.

OKLAHOMA: Days suitable for fieldwork 4.4. Topsoil 3% very short, 15% short, 72% adequate, 10% surplus. Subsoil 8% very short, 21% short, 65% adequate, 6% surplus. Winter Wheat 13% soft dough, n/a last week, 9% 2003, 10% avg. Oats 2% very poor, 8% poor, 40% fair, 48% good, 2% excellent; 83% jointing, 76% last week, 79% 2003, 82% avg.; 39% headed, 21% last week, 32% 2003, 42% avg. Rye 3% very poor, 7% poor, 19% fair, 57% good, 14% excellent; 97% headed, 90% last week, n/a last year, n/a avg.; 26% soft dough, n/a last week, n/a 2003, n/a average. Corn 95% seedbed prepared, 95% 2003; 92% 2003, 93% avg.; 54% planted, 46% last week, 54% 2003, 75% avg.; 37% emerged, 36% last week, 32% 2003, 35% avg. Sorghum 45% seedbed prepared, 42% last week, 47% 2003, 54% avg. Soybeans 70% seedbed prepared, 67% last week, 64% 2003, 66% avg.; 19% planted, 12% last week, 23% 2003, 24% avg. Peanuts 87% seedbed prepared, 76% last week, 79% 2003, 77% avg. Cotton 86% seedbed prepared, 82% last week, 88% 2003, 86% avg. Alfalfa Hay 1% very poor, 5% poor, 22% fair, 56% good, 1% excellent; 41% 1st cutting, 35% last week, 40% 2003, 34% avg. Other Hay 2% very poor, 5% poor, 33% fair, 50% good, 10% excellent; 20% 1st cutting, 11% last week, 14% 2003, 14% avg. Watermelons 38% planted, n/a last week, 44% 2003, 46% avg. Livestock 1% very poor, 2% poor, 21% fair, 57% good, 19% excellent. Pasture, Range 3% very poor, 9% poor, 30% fair, 48% good, 10% excellent. Livestock: Livestock conditions stayed consistent with last week. Livestock: All weather stations Statewide reported temperatures above average this past week ranging from 3° above normal in Lakeview, Ontario, to 12° above normal in Portland, The Dalles. High temperatures in southern state reached into the 90’s while low temperatures in south central state dipped into the 20’s. Only trace amounts of precipitation were reported in a few weather stations. Largest amounts were reported in the Astoria, Joseph stations; both with 0.06 inches. Western state hay, grain crops advanced ahead of normal due to above average temperatures. Grains were growing well. Some grass seed cultivars heading. First of grass hay was ready for harvest. Crimson clover nearing full bloom. Red clover, alfalfa growing rapidly. Mint was up, looking nice, although there was some rust noted. Application for rust control to begin shortly. Most crops continued to look good. Spring fieldwork in Eastern state continued with much of it shifting to fertilizing. Some spring seeding still going on, earlier seeded spring crops emerged, looking green. Winter wheat put on height fast, looked very good except for south slopes. Field work included molbord plowing, weed spraying. Some central state growers experienced mild damage in orchardgrass, timothy grass hay fields. Grass hay starting to head out; some alfalfa is at late vegetative growth stage. Some hay may be harvested this week. First cutting of alfalfa hay began in Malheur County; corn planting is drawing to a close. All crops appear to be progressing well. Willamette Valley vegetable growers were busy with early plantings; Washington County reported green peas were showing good growth, rhubarb was doing well. Jackson, Josephine county truck gardeners were preparing fields, planting sweet corn, tomatoes, getting irrigation equipment ready. Baker, Klamath counties reported work had begun in potato fields. Strawberries were in full bloom throughout the Willamette Valley. Caneberry varieties were in bloom in some counties with others to begin shortly. Raspberries, blackberries were also in bloom. Apples were nearly finished with bloom. Strong winds toppled a number of sweet cherry trees in the Dalles area. The cherry crop could be as much as two weeks early this year in Wasco County. Hood River County pear, apple, cherry bloom was completed for the season. Southern coastal Stevens variety cranberry beds are at hook stage. Succession of spring crops continues to material to eastern states, mainly bailed, burlaped plants, containers. Local greenhouses were supplying retail outlets with spring plant, reported sales at retail outlets is very brisk. Christmas tree spraying for weeds underway; most Christmas tree species showing new growth. The warm
temperatures required nurseries to start irrigation. Easter Lily field work began. Work in beds consisted of weeding, roguing. Scattered precipitation across the State improved pasture, rangeland conditions in areas fortunate enough to receive moisture. Many pastures were maintaining in fair condition with additional precipitation needed soon to sustain favorable conditions into the summer months. Some areas in eastern state, which recently reported fair conditions, are now reporting 30% dry, brown conditions on rangeland. Some early season weed control reported for pastures in western state. Livestock reported in good condition were being turned out across the State.

**PENNSYLVANIA:** Days suitable for field work 4.0. Soil 3% short, 74% adequate, 23% surplus. Spring plowing 68% complete, 57% 2003, 60% avg. Corn 21% planted, 20% 2003, 18% avg.; 2% emerged, 1% 2003, 2% avg. Barley 22% heading, 31% 2003, 35% avg. Winter wheat 4% heading, 13% 2003, 7% avg.; 4% poor, 20% fair, 65% good, 11% excellent. Oats 72% planted, 72% 2003, 67% avg.; 35% emerged, 28% 2003, 36% avg.; 3% poor, 35% fair, 58% good, 4% excellent. Potatoes 42% planted, 24% 2003, 24% avg. Peach crop condition 99% good, 1% excellent. Apple crop condition 9% very poor, 9% poor, 43% fair, 30% good, 9% excellent. Pasture feeds 2% very poor, 6% poor, 20% fair, 51% good, 21% excellent. Activities: Spring tillage; planting spring crops; spreading fertilizer, manure; pruning fruit trees; repairing fences, machinery; caring for livestock.

**SOUTH CAROLINA:** Days suitable for field work 5.5. Soil 6% very short, 40% short, 50% adequate, 4% surplus. Corn 98% planted, 76% 2003, 94% avg.; 84% emerged, 59% 2003, 82% avg.; 2% poor, 43% fair, 54% good, 1% excellent. Peanuts 20% planted, 9% 2003, 25% avg. Sorghum 45% planted, 31% 2003, 43% avg.; 50% fair, 50% good. Cotton 20%, planted, 8% 2003, 17% avg. Winter wheat 95% headed, 89% 2003, 92% avg.; 1% turning color, 2003, 24% avg.; 1% very poor, 6% poor, 59% fair, 34% good. Sweetpotatoes 12% planted, 11% 2003, 20% avg. Barley 75% headed, 80% 2003, 74% avg.; 18% turning color, 4% 2003, 21% avg.; 28% fair, 72% good. Pastures 17% poor, 50% fair, 31% good, 2% excellent. Rye 92% headed, 85% 2003, 88% avg.; 24% turning color, 11% 2003, 27% avg.; 6% poor, 75% fair, 19% good. Oats 91% headed, 84% 2003, 91% avg.; 16% turning color, 7% 2003, 28% avg.; 4% very poor, 15% poor, 64% fair, 17% good. Soybeans 9% planted, 5% 2003, 10% avg.; Tobacco 97% transplanted, 83% 2003, 91% avg.; 2% poor, 45% fair, 48% good, 5% excellent. Grain Hay 40% harvested, 26% 2003, 41% avg.; 2% very poor, 11% poor, 44% fair, 38% good, 5% excellent. Peaches 3% very poor, 4% poor, 11% fair, 29% good, 53% excellent. Snapbeans 86% planted, 86% 2003, 83% avg.; 2% poor, 1% fair, 97% good. Cucumbers 94% planted, 96% 2003, 96% avg.; 1% very poor, 3% poor, 6% fair, 90% good. Watermelons 90% planted, 84% 2003, 89% avg.; 7% poor, 45% fair, 48% good. Tomatoes 99% planted, 99% 2003, 97% avg.; 4% poor, 4% fair, 92% good. Cantaloupes 86% planted, 78% 2003, 84% avg.; 8% poor, 70% fair, 22% good. Livestock 3% poor, 30% fair, 58% good, 9% excellent.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.2. Topsoil 18% very short, 36% short, 46% adequate. Subsoil 39% very short, 30% short, 31% adequate. Feed supplies 9% very short, 23% short, 65% adequate, 3% surplus. Stock water supplies 32% very short, 27% short, 24% adequate. Winter Wheat boot stage 2%, 10% 2003, 14% avg. Cattle condition 3% poor, 22% fair, 60% good, 15% excellent. Sheep condition 7% poor, 18% fair, 60% good, 15% excellent. Calving 85% complete. Lambing 83% complete. Lambing 82% complete. 7% 2003, 63% avg. Cattle moved to pasture 24% complete, 83% 2003, 66% avg. Calf deaths 26% below avg.; 71% avg.; 3% above avg. Sheep, lamb deaths 15% below avg.; 85% avg. Another week of dry weather helped farmers get ahead with fieldwork, yet many producers continue to deal with low moisture levels. Activities: Calving, lambing, fertilizer, chemical applications, preparing ground for seeding of small grains, row crops.

**TENNESSEE:** Days suitable for fieldwork 3.0. Topsoil 6% short, 69% adequate, 25% surplus. Subsoil 6% short 78% adequate, 16% surplus. Wheat 75% headed, 58% 2003, 68% avg.; 2% poor, 18% fair, 57% good, 23% excellent. Apples 95% in thinning or beyond, 95% 2003, 97% avg. Tobacco 3% transplanted, 3% 2003, 3% avg... Alfalfa hay 3% harvested, 1% 2003, 7% avg.; 1% poor, 24% fair, 58% good, 17% excellent. Other hay 3% harvested, 1% 2003, 4% avg.; 3% poor, 25% fair, 61% good, 11% excellent. Pastures 3% poor, 19% fair, 62% good, 16% excellent. Cattle 3% poor, 20% fair, 61% good, 16% excellent. Showers, thunderstorms last week delayed most agricultural activities. Heavy rains caused flooding and some loss of corn acreage in river bottoms. The wheat crop had some disease problems reported. Activities: Harvesting hay, strawberries. Temperatures averaged 1 to 3° below normal statewide last week, while rainfall averaged about normal in the West, above normal across all other parts of the state.

**UTAH:** Days suitable for field work 5. Soil 8% very short, 30% short, 61% adequate, 1% surplus. Irrigation Water Supplies 13% very short, 39% short, 48% adequate, 0% surplus. Winter wheat Condition 2% very poor, 20% poor, 25% fair, 44% good, 9% excellent. Spring wheat 96% planted, 99% 2003, 94% avg.; 66% emerged, 80% 2003, 72% avg.;
Days suitable for fieldwork 4.6. Soils: 2% very short, 23% short, 69% adequate, 6% surplus. Cool soil conditions are delaying planting in many parts of the state. Average temperatures were 2 to 4° below normal, with temperatures ranging from the high 80's to the mid-20's. 

Days suitable for fieldwork 4.9. Topsoil 19% very short, 42% short, 38% adequate, 1% surplus. Subsoil 37% very short, 30% short, 32% adequate, 1% surplus. Barley 84% planted, 2003 81%, 81% 5-yr avg.; 52% emerged, 50% 2003, 48% 5-yr avg. Oats 65% planted, 52% 2003, 46% 5-yr avg.; 35% emerged, 22% 2003, 17% 5-yr avg. Spring wheat 71% planted, 66% 2003, 47% 5-yr avg.; 30% emerged, 17% 2003, 18% 5-yr avg. Winter wheat 21% jointed, 15% 2003, 6% 5-yr avg. Sugar beets 77% planted, 74% 2003, 80% 5-yr avg.; 27% emerged, 10% 2003, 13% 5-yr avg. Corn 23% planted, 18% 2003, 18% 5-yr avg. Winter wheat 4% very poor, 22% poor, 55% fair, 19% good. Spring calves born 89%, 90% 2003, 91% 5-yr avg. Farm flock ewes lambed 92%, 92% 2003, 92% 5-yr avg. Farm flock sheep shorn 94%, 91% 2003, 91% 5-yr avg. Range flock ewes lambed 28%, 34% 2003, 37% 5-yr avg. Range flock sheep shorn 76%, 77% 2003, 71% 5-yr avg. Calf, lamb losses remained mostly normal to light. Livestock in fair to mostly good condition. Range, pasture feed supplies 15% very poor, 25% poor, 32% fair, 28% good. Stock water supplies 16% very short, 32% short, 52% adequate. Temperatures were mostly below normal, ranged from 5.1° below normal in Deaver to 3.4° above normal in Jackson. The highest temperature was 82° in Greybull, Sheridan, Torrington, the lowest temperature was 16° in Deaver. Precipitation was received at almost all stations with most reporting below normal amounts. Most stations reported less than 0.30 inch for the week. The most precipitation fell in Lander with 1.18 inch, Sundance with 0.68 inch, Riverton with 0.62 inch.

WEST VIRGINIA: Days suitable for field work 4.0. Topsoil 80% adequate, 20% surplus, 2003 4% short, 86% adequate, 10% surplus. Intended acreage prepared for spring 63% planting, 65% 2003, 67% 5-yr avg. Hay, roughage supplies 3% very short, 10% short, 82% adequate, 5% surplus, 2003 14% very short, 37% short, 49% adequate. Feed grain supplies 2% very short, 8% short, 90% adequate, 2003 2% very short, 12% short, 86% adequate. Corn 36% planted, 18% 2003, 25% 5-yr avg.; 6% emerged, 1% 2003. Oats 55% planted, 67% 2003, 64% 5-yr avg.; 25% emerged, 26% 2003, 28% 5-yr avg. Soybeans 7% planted, 1% 2003, 4% 5-yr avg. Tobacco beds seeded 98%, 100% 2003, 98% 5-yr avg.; 91% emerged, 82% 2003, 85% 5-yr avg. Winter wheat 26% fair, 65% good, 9% excellent; 9% headed, 1% 2003, 6% 5-yr avg. Hay conditions 4% poor, 31% fair, 61% good, 4% excellent. Apples 18% fair, 81% good, 1% excellent. Peaches 18% fair, 79% good, 3% excellent. Cattle, calves 2% poor, 21% fair, 69% good, 8% excellent. Calving 93% complete, 92% 5-yr avg. Sheep, lambs 2% poor, 21% fair, 68% good, 9% excellent. Lambing 95% complete, 93% in 2003, 94% 5-yr avg. Activities: Field preparation, planting, fertilization of pastures, meadows, turning some livestock out to pasture, calving, lambing.

WASHINGTON: Days suitable for fieldwork was 6.6. Topsoil 6% very short, 29% short, 65% adequate. Irrigation water supplies 5% short, 95% adequate. The highest temperature in the state was 86° in Kelsey, Pasco. The lowest temperature in the state was 28° in Deer Park and Republic. Winter wheat condition 2% very poor, 7% poor, 36% fair, 49% good, 6% excellent with 5% headed. Spring wheat condition 1% very poor, 9% poor, 45% fair, 39% good, 6% excellent; 99% planted, 86% emerged. Barley conditions 5% poor, 45% fair, 40% good, 10% excellent; 99% planted, 89% emerged. Spring cereal conditions were lowered in some counties due to hot, dry conditions. Grass cutting for silage took place in many counties throughout the state. Christmas tree growers continued to report infestations of the Cooley Spruce Gall Adelgids on Douglas Firs. Some infestations of cutworms, wireworms have been reported in small grains along with some weevil damage in alfalfa. Potato conditions 6% fair, 94% good. Potatoes 80% planted, 40% emerged. Corn 55% planted, 11% emerged. Dry peas 95% planted. Dry edible bean condition 41% fair, 59% good; 94% planted. Processing green peas 97% planted. Hay, other roughage supplies 1% short, 88% adequate, 11% surplus. Range, pasture feeds 6% very poor, 3% poor, 30% fair, 60% good, 1% excellent. Cows, calves were being branded. Livestock producers continued to harvest forage, apply liquid manure to harvested fields. Apple bloom almost completed, strawberry bloom continued. Asparagus harvest continued. Carrot, sweet corn planting continued in the East. In the West, producers were cultivating fields for sweet corn planting.

VIRGINIA: Days suitable for fieldwork 5.3. Topsoil 7% short, 81% adequate, 12% surplus. Subsoil 1% very short 11% short, 79% adequate, 9% surplus. Temperatures continued above normal. A cold front at the end of the week provided needed rain across much of the state. Farmers continued planting corn, cotton, tobacco. Soybean, peanut planting also completed. Strawberry bloom continued. Asparagus harvest was 16% in Deer Park and Republic. Days suitable for fieldwork 5.2. Topsoil 1% very short, 19% short, 79% adequate. Corn 36% planted, 2003 81%, 83% 5-yr avg.; 12% short, 86% adequate. Corn 36% planted, 18% 2003, 25% 5-yr avg.; 6% emerged, 1% 2003. Oats 55% planted, 67% 2003, 64% 5-yr avg.; 25% emerged, 26% 2003, 28% 5-yr avg. Soybeans 7% planted, 1% 2003, 4% 5-yr avg. Tobacco beds seeded 98%, 100% 2003, 98% 5-yr avg.; 91% emerged, 82% 2003, 85% 5-yr avg. Winter wheat 26% fair, 65% good, 9% excellent; 9% headed, 1% 2003, 6% 5-yr avg. Hay conditions 4% poor, 31% fair, 61% good, 4% excellent. Apples 18% fair, 81% good, 1% excellent. Peaches 18% fair, 79% good, 3% excellent. Cattle, calves 2% poor, 21% fair, 69% good, 8% excellent. Calving 93% complete, 92% 5-yr avg. Sheep, lambs 2% poor, 21% fair, 68% good, 9% excellent. Lambing 95% complete, 93% in 2003, 94% 5-yr avg. Activities: Field preparation, planting, fertilization of pastures, meadows, turning some livestock out to pasture, calving, lambing.

WISCONSIN: Days suitable for field work 4.6. Soil: 2% very short, 23% short, 69% adequate, 6% surplus. Cool soil conditions are delaying planting in many parts of the state. Average temperatures were 2 to 4° below normal, with temperatures ranging from the high 80's to the mid-20's.