ALABAMA: Days suitable for fieldwork 6.7. Topsoil moisture 35% very short, 41% short, 23% adequate, and 1% surplus. Corn planted 97%, 94% 1999, and 96% average. Corn emerged 88%, 82% 1999. Corn condition: 10% very poor, 13% poor, 44% fair, 31% good, and 2% excellent. Wheat headed 98%, 92% 1999, and 93% average. Wheat condition: 3% very poor, 5% poor, 25% fair, 60% good, and 7% excellent. Pasture condition: 12% very poor, 16% poor, 30% fair, 36% good, and 4% excellent. Livestock condition: 1% very poor, 4% poor, 22% fair, 63% good, and 10% excellent. Rainfall is desperately needed. Farmers are harvesting cool season vegetable crops. Lack of rainfall has halted or slowed cotton and peanut planting in most areas. High temperatures and short moisture has staled the growth of corn and seedling cotton. Hay harvest is in full swing.

ALASKA: Days suitable for fieldwork 6.7. Topsoil 30% short, 60% adequate, 10% surplus. Subsoil moisture supplies, 30% short, 70% adequate. Farm work progress, on schedule. Cool, dry conditions prevailed across the interior. Mild, mostly dry conditions occurred across the rest of the State’s agricultural areas. These conditions allowed producers to fertilize fields, plant potatoes, vegetables, barley, continue to harvest 1999, hay crop. Daytime high temperatures again ranged from the fifties to the low sixties. Lows continued to be mostly in the twenties. Barley 25% planted, 11% 1999, 48% avg. Oats 0% planted, 11% 1999, 48% avg. Potatoes, 2% planted, 1% 1999, 3% avg, Livestock 15% fair, 80% good, 5% excellent.

ARIZONA: Area continued to record above average temperatures for the sixth week in a row. Zero precipitation was reported for the week of May 14. Dry weather conditions have minimal impact on crop, vegetable production due to irrigation, but range, pasture feeds continue to worsen. Livestock were reported to be in fair condition. Stock Water was reported as short to adequate, while Soil Moisture was reported as short. Insect Damage was reported as none to light.

ARKANSAS: Days suitable for fieldwork 3.0. Soil moisture, 1% very short, 11% short, 64% adequate, 24% surplus. Rice 83% planted, 81% 1999, 82% 5 yr. avg.; 63% emerged, 52% 1999, 56% 5 yr avg. Sorghum 84% planted, 74% 1999, 74% 5 yr. avg.; 71% emerged; Cotton 59% planted, 63% 1999, 56% 5 yr avg.; 33% emerged; Soybean 23% planted 18% 1999, 19% 5 yr avg.; 11% emerged; Corn 99% planted, 96% 1999, 97% 5yr avg.; 98% emerged, 80% 1999, 86% 5 yr avg.; Wheat 99% headed, 98% 1999, 98% 5 yr. avg. Wheat 2% very poor, 9% poor, 31% fair, 43% good, 15% excellent. Alfalfa Hay 1% very poor, 6% poor, 29% fair, 54% good, 10% excellent; Other Hay 2% very poor, 5% poor, 32% fair, 50% good, 11% excellent. Pasture, Range 1% very poor, 5% poor, 26% fair, 52% good, 16% excellent. Livestock good condition. Armymebugs have been reported leaving wheat fields, feeding on adjacent rice fields. Chinch bugs were treated in some sorghum fields. Other activities included: Land preparation for spring planting of forage, harvesting hay, spraying pastures for weed control, vaccinating cattle. 1/ Corn emerged progress is a 2-year average instead of a 5-year average.

CALIFORNIA: Field work was slowed in some areas by rainfall. Early fields of cotton were progressing well. Many late planted fields were emerging normally. However, cool weather slowed growth in some fields. Several cotton fields were treated to control weeds, aphids, mites. Field corn growth was also slowed in some areas. A few seed alfalfa growers were spraying with herbicides to burn back plants, make them more compact for seed production. Oat hay was cut, baled. New crop sugar beets were being irrigated. Harvest of old crop continued. Winter forage fields were still being harvested. Most fields of wheat, barley were making good progress, with kernels in the milk or dough stage. Some wheat fields were cut for forage. Many small fall crops continued to dry; mature; less mature fields were being irrigated. Aerial seeding of rice continued in many areas. Aerial application of herbicides on rice has also begun. Weevil pressure was heavier than normal in some rice fields. Planting of safflower, sunflower was nearly completed. Stone fruit grape growers continued with spring cultural activities. Harvest of early varieties of cherries continued. Very few cherries were split by earlier rains in San Joaquin County. Weed control, fungicide application, irrigation of vineyards, orchards were active. Many were leafing. Growers applied sulfur to grape vineyards for mildew control. Harvest of grapes for fresh use began in the Coachella Valley. Perlette, Flame Seedless were the primary varieties harvested. Harvest of early varieties of freestone peaches, nectarines was active. Other varieties were being thinned. Apricot harvest was active. Picking of grapefruit, lemon crops was active in southern areas. The harvest of Valencia oranges progressed in the desert area and in the San Joaquin Valley. Picking of navel oranges was winding down, growers remained concerned about quality problems. Minneola tangelos were still being picked. Strawberry picking was active. Some vegetable field activities were slowed by recent rainfall. Asparagus harvest was completed in most parts of the San Joaquin Valley. The spring lettuce harvest was also nearly completed. Planting of tomato, cantaloupe, bell peppers continued. Watermelons transplants were being planted with small fields doing well; however, whiteflies became a problem for some melon growers in Tulare County. Sweet corn was growing normally, some fields were still being planted. Planting of peppers, okra, beans, assorted Asian vegetables continued. Garlic, red onions, zucchini, squash were all being picked and packed. Warmer weather was desired to attain maximum squash production. Eggplant harvest was expected to begin this week. Cucumbers were blooming, setting fruit. Tomato fields looked good; some fields were in bloom. A few tomato transplants were still being planted. Fresh market tomatoes were being picked in hot houses. Weeding in tomato fields continued. Some growers were conducting weed control before planting peas. The Fresno County onion harvest was underway. The following vegetables were also harvested this week: artichokes; fava beans; broccoli; cabbage; cauliflower; cilantro; carrots; collard, mustard greens; green, red leaf lettuce; asparagus; lemon verbena; marigolds; okra; parsley; snap, sugar, and English peas; green onions; radishes; radicchio; spinach; turnips. Rangeland pastures continued seasonal drying in most areas. Cattle remained in fair to good condition, weight gains were mixed. Recent rainfall was expected to benefit pastures.

COLORADO: Days suitable for fieldwork 5.7. Topsoil 4% very short, 22% short, 73% adequate, 1% surplus. Subsoil moisture 6% very short, 24% short, 69% adequate, 1% surplus. Localized rain showers fell at the beginning of the week which was predominately warm, dry. Freezing temperatures in the 25-30°F range hit numerous portions of the Eastern Plains on Saturday morning, May 13. With more than a third of the state’s winter wheat crop at or beyond the headed stage of development, some damage is to be expected. Most other crops are not expected to have had serious damage. Spring barley 98% seeded, 93% 1999, 94%
Dry beans 5% planted, 1% 1999, 2% avg. Fall potatoes 82% planted, 54% 1999, 52% avg. Dry beans 5% planted, 1% 1999, 2% avg. Spring wheat 86% planted, 87% 1999, 83% avg.; 65% emerged, 1999 58% avg.; 6% poor, 22% fair, 55% good, 17% excellent.

DELAWARE: Days suitable for fieldwork 6.3. Topsoil 7% short, 87% adequate, 6% surplus. Subsoil moisture 94% adequate, 6% surplus. Percent of acreage prepared for planting of spring crops 78%. Winter wheat 1% poor, 22% fair, 67% good, 10% excellent; jointed 74%; headed 44% 1999, 44% avg. Barley 3% poor, 24% fair, 63% good, 10% excellent; headed 86% 79% 1999, 91% avg. Snap Beans 45% planted, 39% 1999, 18% avg. Sweet corn 43% planted, 43% 1999, 42% avg. Field Corn 69% planted, 70% 1999, 59% avg. Cucumbers 15% planted, 11% 1999, 11% avg. Tomatoes 51% planted, 55% 1999, 33% avg. Watermelons 42% planted, 26% 1999, 29% avg. Cantaloupes 50% planted, 24% 1999, 23% avg. Strawberries 93% bloomed, 72% 1999, 81% avg; 7% harvested, 8% 1999, 3% avg. Pasture condition 2% poor, 33% fair, 60% good, 5% excellent. Hay supplies 5% very short, 37% short, 58% adequate. Percent of 1st cutting hay crop harvest; clover, other hay 25% cut, 41% 1999, 13% avg; alfalfa 36% cut, 1999, 12% avg. Activities: Irrigation began for peas, early-planting vegetables because of above normal temperatures, lots of planting of corn, soybeans.

FLORIDA: Warmer temperatures arrived. Temperatures at major stations averaged 1 to 4° above normal. Daytime highs mostly in 90s, 90s; nighttime lows mostly in 70s, 70s. Thunderstorms brought from tropical systems to almost 2.00 in. rain to many locations about mid-week. Moisture mostly very short to short. Farmers delaying planting of cotton, peanuts due to dry soil. Irrigated tobacco in good condition. Corn starting to show drought stress. Some wild fires in central Peninsula due to lack of rainfall. Small grains harvest starting. Peanuts 39% planted. Growers harvesting vegetables to meet Memorial Day demand. Dry, hot weather continues to stress vegetable growth. Major vegetables available: Tomatoes, tomatoes, peppers, blueberries, cucumbers, okra, squash, sweet corn, eggplant, watermelons. Rain some citrus areas, more needed, irrigation continues. Peak Valencia harvest continues. Grapefruit, Honey tangerine harvest slowing. Temple harvest complete. Caretakers cutting cover crops spraying, fertilizing, hedging, topping with limited burning of grove debris. Pasture feed 20% very poor 70% poor, 10% fair. Clover 45% poor, 50% fair, 5% good. Pasture feed mostly due to prolonged drought. Panhandle, central counties: ranchers in many locations feeding on canned hay to supplement pastures. Winter wheat condition gone down, stock ponds drying up. South: ranchers worried poor cattle condition will reduce pregnancy rate for next year’s cattle. Livestock remain in mostly good condition. Calving winding down. Major activities: Planting small grains, potatoes, dry peas, lentils, corn, dry beans, moving cattle, sheep to spring pasture, applying insecticides, irrigating.

Indiana: Days suitable for fieldwork 4.1. Topsoil 0% very short, 10% short, 77% adequate, 13% surplus. Subsoil 12% very short, 36% short, 47% adequate, 5% surplus. Field activities slowed by rain early. Severe thunderstorms, strong damaging winds in portions of the state. Scattered rainfall of 4. to 3 inches in certain areas. Temperatures average 6 - 10° above normal. Corn, soybean planting made good progress. Soybean plants surpassed record high established in 1988. Many corn, soybean fields emerged during the week. Application of fertilizer, nitrogen, chemicals continued. Range, pasture 2% very poor, 8% poor, 27% fair, 49% good, 14% excellent. Alfalfa Weevil remains active in some fields. Livestock remain in mostly good condition. Calving winding down. Major activities: Tillage of soils, preparing irrigation equipment, ditching, hauling manure, feeding, caring for livestock.

IOWA: Days suitable for field work 4.9. Topsoil 26% very short, 39% short, 33% adequate, 2% surplus. Subsoil moisture 41% very short, 42% short, 16% adequate, 1% surplus. Rains across the state early Monday a.m. improved most conditions, concern still exists about moisture. Corn 99% planted, 78% 1999, 72% avg. Corn 84%
KANSAS: Days suitable for fieldwork 5.5. Topsoil 3% very poor, 28% short, 65% adequate, 4% surplus. Subsoil moisture 2% very short, 29% short, 67% adequate, 1% surplus. Wheat 3% very poor, 11% poor, 35% fair, 43% good, 8% excellent. Winter wheat headed 32%. Winter wheat 1% very poor, 6% poor, 41% fair, 41% good, 11% excellent. Range, Pasture feed 9% very poor, 24% poor, 38% fair, 23% good, 6% excellent.

LOUISIANA: Days suitable for fieldwork 5.9. Soil moisture 14% very short, 19% short, 56% adequate, 11% surplus. Corn 2% very poor, 3% poor, 19% fair, 71% good, 5% excellent; 5% silked, 1% 1999, 4% avg. Cotton 65% emerged, 61% 1999, 55% avg. Cotton planting made good progress. Hay 40% first cutting, 47% 1999, 32% avg. Cattlemen continued to cut hay. Rice producers were applying fertilizer, herbicide. Sorghum 71% emerged, 60% 1999, 62% avg. Spring plowing 94% plowing, 97% 1999, 96% avg. Sugarcane 4% poor, 21% fair, 48% good, 27% excellent. Sweetpotatoes 8% planted, 11% 1999, 10% avg. Wheat 4% poor, 10% fair, 57% good, 9% excellent; 91% turning color, 49% 1999, 81% avg.; 25% harvested, 17% 1999, 9% avg. Livestock 7% poor, 31% fair, 48% good, 14% excellent. Hay conditions 1% very poor, 4% poor, 33% fair, 51% good, 14% excellent. Grain sorghum 13% planted. Strawberries generally small in size.

MARYLAND: Days suitable for fieldwork 6.2. Topsoil 2% very-short, 19% short, 75% adequate, 4% surplus. Subsoil moisture 1% very short, 12% short, 81% adequate 6% surplus. Percent of acreage prepared for planting of spring crops 80%. Winter wheat 2% poor, 12% fair, 70% good, 16% excellent; 85% headed, 64% 1999, 60% avg. Barley 3% poor, 9% fair, 66% good, 22% excellent; 92% headed, 96% 1999, 93% avg. Rye 1% poor, 13% fair, 71% good, 15% excellent; 93% headed, 85% 1999, 75% avg. Tomatoes 5% planted, 56% 1999, 61% avg. Sweet corn 57% planted, 69% 1999, 56% avg. Field Corn 68% planted, 69% 1999, 61% avg. Cucumbers 37% planted, 27% 1999, 35% avg. Snap beans 19% planted, 27% 1999, 40% avg. Cantaloupes 61% planted, 68% 1999, 60% avg. Soybeans 9% planted, 7% 1999, 6% avg. Watermelons 32% planted, 49% 1999, 50% avg. Apples 93% bloomed, 98% 1999, 92% avg. Strawberries 93% bloomed, 91% 1999, 83% avg.; 14% harvested, 14% 1999, 10% avg. Pasture feed 1% very poor, 2% poor, 18% fair, 61% good, 18% excellent. Hay supplies 3% very short, 20% short, 73% adequate, 4% surplus. Percent of 1st cutting hay crop harvest; clover, other hays 17% cut, 21% 1999, 14% avg.; alfalfa 33% cut, 19% 1999, 8% avg. Activities: Planting continues more vigorously as warm, dry weather continues throughout the state, warm weather also stopped losses from powdery mildew on wheat.

MICHIGAN: Days suitable for fieldwork 3.0. Topsoil 3% very short, 7% short, 65% adequate, 25% surplus. Subsoil 15% very short, 33% short, 47% adequate, 5% surplus. Oats 0% very poor, 1% poor, 27% fair, 60% good, 12% excellent. Asparagus harvested 42%, 28% 1999, 23% avg. Barley 92% planted, 92% 1999, 74% avg. Barley 80% emerged, 80% 1999, 41% avg. Oats 97% planted, 95% 1999, 81% avg. Oats 90% emerged, 79% 1999, 44% avg. Potatoes 56% planted, 63% 1999, 55% avg. Potatoes 36% emerged, 18% 1999, 16% avg. Stormy weather with cool front at week's end. Temperatures, growing degree days (GDD) above average. Temperature 3 to 8° above normal, while GDD 44 to 101 units above normal. Soil moisture deficits replenished with rainfall from 6 tenths Upper Peninsula to over 3 inches Thumb. Rains kept farmers from planting, delaying for weeks. Winter wheat progressed virtually all by rains. Soybean early planted fields south have plants emerging. Winter wheat Fleece's stage 8-9 with powdery mildew starting to appear. Alfalfa 14-18 inches, growing well. Hail damage some alfalfa fields southeast. Sugar beet growth excellent. Oats, barley growing well. Asparagus harvest slowed by cool weather. Cabbage continues to look very good. Potato planting winding down, early planting 4-6 inch size. Planting of carrots, early plantings have emerged, first true leaf has formed. Sweet corn plantings emerging rapidly. Tomato planting for market, processing has begun with earlier plantings beginning to show new growth. Onion planting completed. Celery transplanting continues. Early plantings of peas have emerged, summer squash planted. Strong winds, storms at week's end improved soil moisture but damage to young seedlings yet to be assessed. Apples to 12 mm fruit southwest. Tart cherries 10 mm fruit southwest, petal fall northwest. Sweet cherries southwest 14 mm fruit, 8 mm west central, and shuck split northwest. Apricots 1.0 inch fruit, plums 12 mm fruit, peaches 10 mm fruit, pears 15 mm fruit. Blueberries petal fall stage. Strawberries full bloom. Fall raspberry canes 6 inches while summer raspberry canes had flower buds. Concord grape vines 10-16 inch shoots, white varieties 4-8 inch shoots.

MINNESOTA: Days suitable for fieldwork 3.3. Topsoil 3% very short, 19% short, 72% adequate, 6% surplus. Soybeans 87% ground prepared, 50% 1999, 46% avg. Green peas 83% planted, 60% 1999, 62% avg. Potatoes 61% planted, 47% 1999, 45% avg. Sweet corn 51% planted, 31% 1999, 31% avg. Dry beans 32% planted, 11% 1999, 12% avg. Canola 82% planted, 4% 1999, NA% avg. Pasture feed 2% very poor, 7% poor, 45% fair, 41% good, 5% excellent. Well timed rains helped crop conditions temporarily, but similar amounts will be needed weekly to avoid a return to abnormally dry conditions. Scattered hard frosts occurred at the end of the week, some replanting of corn will result.
NEBRASKA: Days suitable for fieldwork 6.3. Topsoil moisture supplies water shortage for livestock with reports of ponds, reservoirs either low or significant rain there may be less forage. There are still concerns of a The recent moisture has helped pastures to green up, but without more avg. Sheep, lambs moved to summer ranges 40%, 35% 1999, 33% avg. completed, 95% 1999, 96% avg. Lambing 88% completed, 81% 1999, 58% 1999, 45% 1999, 29% avg. Dry beans 10% emerged, 1% 1999, 3% avg. Potatoes 5% planted, 11% 1999, 15% avg. There are some continued reports of aphids in the winter wheat. Producers are spraying for aphids, weeds. Calving, lambing is making good progress as few problems have occurred, death losses are minimal. Calving 97% completed, 95% 1999, 96% avg. Lambing 88% completed, 61% 1999, 83% avg. Cattle, calves moved to summer ranges 47%, 46% 1999, 42% avg. Sheep, lambs moved to summer ranges 40%, 35% 1999, 33% avg. The recent moisture has helped pastures to green up, but without more significant rain there may be less forage. There are still concerns of a water shortage for livestock with reports of ponds, reservoirs either low or empty because of a lack of snowfall, runoff. Stream flow is less than normal.

NEVADA: Passing storms brought cooler temperatures across northern area midweek, but resulted in very little precipitation. Southern area saw normal to slightly cooler temperatures with no precipitation. Frost visited the northern part of the state at the end of the week. Small grains, alfalfa, early potatoes were reported as being affected. Irrigation water supplies were mostly adequate. Alfalfa hay harvest was beginning in the southern portion of the state. Winter wheat was beginning to go into boot across northern area. Some winter wheat was being cut for green chop in the central part of the state. Spring grain planting was nearly completed, was mostly emerged. Corn planting began with summer vegetables soon to follow. Onions, potatoes were beginning to emerge. Irrigation, weed control were active. Pasture, range feeds rated mostly good. Calving, lambing near complete with continued movement to Spring range, BLM allotments. Main farm, ranch activities: Field preparation, irrigation, potato planting, weed, insect monitoring, control, working livestock, gopher control, preparing for hay harvest.

NEW ENGLAND: Days suitable for fieldwork 4.0. Topsoil 58% adequate, 42% surplus. Subsoil moisture 1% short, 61% adequate, 38% surplus. Pasture feed 9% poor, 29% fair, 45% good, 17% excellent. Maine potatoes 5% planted, 50% 1999, 28% avg.; condition excellent. Massachusetts potatoes 75% planted, 70% 1999, 65% avg.; 10% emerged, 15% 1999, 10% avg.; condition excellent. Oats in Maine 15% planted, 70% 1999, 40% avg. Barley in Maine 15% planted, 70% 1999, 45% avg. Silage corn 10% planted, 45% 1999, 20% avg. Sweet corn 25% planted, 25% 1999, 25% avg.; 10% emerged, 10% 1999, 10% avg.; condition fair to good. First crop hay planting 1% very good, 2% good, 96% fair, 1% poor. Alfalfa Early Bloom Stage to Full Bloom Stage, condition good to fair. Peaches: Full Bloom Stage to Petal Fall Stage, condition fair. Pears Full Bloom Stage, condition fair. Strawberries: Bud Stage to Early Bloom Stage, condition good to fair. Cranberries: Bud Stage, condition good. Highbush blueberries: Bud to Early Bloom Stage, condition good. Wild Blueberries Bud to Early Bloom Stage, condition good. Wetweather, thunderstorms returned and continued to slow fieldwork. Major farm activities: planting field corn, fixing fences, plowing, applying fertilizer, spreading manure, planting sweet corn, broccoli, peas, setting out cole crops, spraying apples, preparing fields for shade tobacco planting, bringing bees into orchards, blueberry fields to begin pollination.

NEW JERSEY: Days suitable for fieldwork 5.5. Topsoil 30% short, 70% adequate. Corn 38% planted. Farmers were busy preparing ground for planting soybeans. Irrigation of vegetables occurred in Other activities included: Harvesting asparagus, spring lettuce.

NEW MEXICO: Days suitable for fieldwork 6.5. Topsoil 56% very short, 29% short, 15% adequate, 0% surplus. Spotty precipitation occurred Monday, Monday night across the far north with the remainder of the week remaining dry. A strong low aloft mid-week passing by to the north generated very strong winds, allowed cooler air in northern, eastern state. High winds were reported throughout the State during the week with crops receiving light to severe damage. Land preparation, spring planting, irrigating were the main farm activities during the week. The chile, lettuce, onion crops were all reported in mostly fair to good condition. Both irrigated, dryland wheat conditions deteriorated as the dry weather, high winds prevailed in the major producing areas. Alfalfa was in mostly fair to good condition with the first cutting progressing. Apples are reported to having an average fruit set, pecans an average nut set this year. Ranchers were busy branding calves, culling cattle, supplemental feeding. Both cattle, sheep conditions declined again during the week with higher percentages falling in the very poor, poor ranges. Pasture, range feed condition deteriorated, 26% very poor, 27% poor, 37% fair, 10% good, 0% excellent.

NEW YORK: Days suitable: 3.6. Soil moisture 29% adequate, 71% surplus. Supplies increased due to heavy rainfall accompanying violent storms. Pasture feed 5% fair, 70% good, 25% excellent. Wheat 78% good, 22% excellent. Corn 29% planted, 59% 1999, 29% average. Oats 75% seeded, 91% 1999, 62% average. Sweet corn 50% planted. Onion planting nearly complete. Fields in Oswego County were severely damaged by severe thunderstorms over the weekend. Fruit in some areas received hail damage, heavy rain damage. Golf ball size hail fell in Oneida County. Heavy rain, hail also reported in Wayne County. Severe hail also damaged grapes in the Finger Lakes area.

NORTH CAROLINA: Days suitable for fieldwork 6.5, compared to 5.2 days last week. Dry weather continued this week in the state, was accompanied by unseasonably hot temperatures. Farmers took advantage of the to get in the fields, make great strides in spring planting. After the excess moisture in April, fields have dried out, most of the State could now use a shower. Statewide, soil moisture levels dwindled, are currently rated 5% very short, 25% short, 67% adequate, 2% surplus. Cotton, peanut plantings were the major activities conducted this week with significant progress made in both. Modest gains were made in corn planting, tobacco setting. This year’s corn crop is over 90% planted with an estimated 80% emerged even though replanting is still taking place in the Coastal Plains. The dry, hot weather was ideal for cutting hay. Other activities included: Soybean, sweetpotato, sorghum planting along with continued land preparation.

NORTH DAKOTA: Days suitable for fieldwork 4. Topsoil 1% very short, 7% short, 85% adequate, 7% surplus. Subsoil moisture 1% very short, 16% short, 80% adequate, 3% surplus. Cool, wet weather this week slowed planting progress slightly. Planting progress still remains ahead of average. Durum wheat 49% planted, 13% 1999, 20% avg.; 26% emerged, 6% 1999, 6% avg. Canola was 80% planted, 20% 1999, 44% emerging, 0% 1999. Dry beans 12% planted, 0% 1999, 2% avg. Flaxseed was 62% planted, 15% 1999, 16% avg.; 24% emerged, 6% 1999, 4% avg. Potatoes were 74% planted, 24% 1999, 24% avg.; 8% emerged, 2% 1999, 2% avg. Soybeans were 35% planted, 1% 1999, 6% avg.; 5% emerged, 0% 1999, 1% avg. Sunflowers were 7% planted, 0% 1999, 2% avg. Broad leaf, wild oat spraying 4%, 11% complete respectively. 68% roughage requirements were furnished by pasture. Pasture, range feeds 1% very poor, 7% poor, 31% fair, 55% good, 6% excellent. Stockwater supplies 0% very short, 3% short, 93% adequate, 4% surplus.

OHIO: Days suitable for fieldwork 5.1 days. Topsoil 1% very short, 8% short, 78% adequate, 13% surplus. Alfalfa hay first cutting 5%; 5% 1999; 3% average. Corn 87% planted; 87% 1999; 51% average. Corn emerged
OREGON: Days suitable for field work 5.0. Topsoil 2% very short, 16% short, 75% adequate, 7% surplus. Basol moisture 2% very short, 20% short, 74% adequate, 4% surplus. Wheat 42% soft dough, 15% last week, 35% 1999, 19% avg. Rye 1% very poor, 2% poor, 15% fair, 70% good, 12% excellent, 99% headed, 98% last week, 98% 1999, n/a avg.; 55% soft dough, 29% last week, 56% 1999, n/a avg. Oats 2% very poor, 5% poor, 26% fair, 57% good, 10% excellent, 77% headed, 62% last week, 81% 1999, 66% avg. 24% soft dough, 11% last week, 20% 1999, 19% avg. Corn 97% planted, 95% last week, 98% 1999, 89% avg.; 76% emerged, 45% last week, 58% 1999, 60% avg. Sorghum 80% seedbed prepared, 68% last week, 60% 1999, 59% avg.; 6% emerged, 3% last week, 2% 1999, 4% avg. Soybeans 80% seedbed prepared, 79% last week, 79% 1999, 76% avg.; 37% planted, 31% last week, 25% 1999, 29% avg.; 22% emerged, 15% last week, 9% 1999, 12% avg.; Peanuts 91% seedbed prepared, 71% last week, 85% 1999, 86% avg.; 9% emerged, 1% last week, 6% 1999, 6% avg. Cotton 98% seedbed prepared, 88% last week, 90% 1999, 84% avg.; 8% emerged, 1% last week, 4% 1999, 1% avg.; Alfalfa Hay 3% poor, 19% fair, 64% good, 14% excellent; 75% first cutting, 57% last week, 53% 1999, 48% avg.; Other Hay 3% poor, 26% fair, 59% good, 12% excellent; 28% first cutting, 24% last week, 31% 1999, 27% avg. Livestock 2% poor, 15% fair, 68% good, 15% excellent; Cattle marketings average. Feeder cattle prices $1.00 to $2.00 per cwt. lower than last week.

Pennsylvania: Days suitable for field work 5.6. Soil moisture 10% very short, 33% short, 19% adequate. Apples 85% fair, 12% good, 3% excellent. Barley 100% headed, 79% 1999, 76% avg.; 69% turned color, 37% 1999; 45% avg.; 52% ripe, 6% 1999, 10% avg.; 7% harvested, 1999; NA avg.; 5% fair, 50% good, 45% excellent. Cantaloupes 90% planted, 98% 1999, 93% avg.; 5% poor, 39% fair, 56% good. Corn 100% emerged, 94% 1999; 60% avg.; 2% very poor, 8% poor, 38% fair, 52% good. Cotton planted 60%, 49% 1999, 64% avg.; 2% poor, 43% fair, 55% good. Cucumbers 100% planted, 99% 1999, 92% avg.; 3% poor, 26% fair, 75% good. Sorghum Hay 77% harvested, 60% 1999, 59% avg. Hay 1% very poor, 5% poor, 35% fair, 52% good, 7% excellent. Oats 100% headed, 98% 1999, 99% avg.; 85% turned color, 50% 1999, 57% avg.; 56% ripe, 9% 1999, 19% avg.; 10% harvested, NA 1999; NA avg.; 1% poor, 23% fair, 67% good, 9% excellent. Peaches 4% very poor, 4% poor, 26% fair, 51% good, 15% excellent. Peanuts 61% planted, 60% 1999, 65% avg.; 1% poor, 50% fair, 49% good. Rye 100% headed, 98% 1999, 97% avg.; 74% turned color, 5% 1999, 12% avg.; 4% very poor, 6% 1999, 17% avg.; 5% harvested, NA 1999; NA avg.; 3% poor, 26% fair, 69% good, 2% excellent. Snap beans 95% planted, 85% 1999, 83% avg.; 5% fair, 90% good, 5% excellent. Sorghum 70% planted, 58% 1999, 37% avg.; 100% good. Soybeans 23% planted, 19% 1999, 13% avg.; 14% emerged, 8% 1999, 7% avg.; 1% poor, 22% fair, 76% good, 7% excellent. Sweetpotatoes 52% planted, 27% 1999, 29% avg.; 16% poor, 65% fair, 19% good. Tobacco 100% transplanted, 99% 1999, 98% avg.; 1% fair, 80% good, 3% excellent. Tomatoes 99% planted, 100% 1999, 99% avg.; 3% poor, 8% fair, 35% good, 5% excellent. Watermelons 97% planted, 98% 1999, 96% avg.; 8% poor, 35% fair, 57% good. Winter grazings 11% very poor, 15% poor, 32% fair, 35% good, 7% excellent. Winter wheat 100% headed, 98% 1999, 99% avg.; 66% turning color, 42% 1999, 48% avg.; 18% ripe, 5% 1999, 12% avg.; 2% harvested. NA 1999, NA avg. 1% very poor, 4% poor, 19% fair, 69% good, 7% excellent. Hot, dry weather, low soil moisture stopping planting in many areas.

South Dakota: Days suitable for field work 3.5. Topsoil 2% very short, 15% short, 77% adequate, 6% surplus. Subsoil moisture 6% very short, 1% short, 64% adequate, 7% surplus. Feed supplies 4% short, 80% adequate, 16% surplus. Stock water supplies 1% very short, 11% short, 76% adequate, 12% surplus. Winter rye 5% poor, 14% fair, 50% good, 31% excellent. Winter rye boot 38%, 33% 1999, 18% avg. Winter rye headed 0%, 0% 1999, NA avg. Winter wheat boot 26%, 54% 1999, 21% avg. Sorghum emerged 2%, NA 1999.NA avg. Range, pasture 1% very poor, 4% poor, 21% fair, 55% good, 15% excellent. Cattle 5% fair, 50% very good, 28% excellent. Lambing 92% complete. Statewide, growing degree days are an average with rain, some frost damage. Yamhill county reported rain kept orchardists from working in orchards. Raspberry buds showing in Clackamas, hazelnuts formed in Washington county. Southwest coastal areas reported arrival of bees for cranberry pollination in addition to tapering off of blueberry bloom. Jackson county reported good new growth for grapes. Livestock condition mostly good; excellent in southern State. In Klamath County, most cattle have been turned out on lower elevation ranges, seasonal movement from foothills to range continues. Rangeland condition continues to improve, 5% good, 95% fair, but most cattle in top condition still not good to excellent in west. Most areas received some precipitation last week which improved grass growth to varying degrees.
of 45 gdd ahead of normal. Needed showers moved through most of the state but missed the driest areas. Rains during the week slowed field work considerably, easing the drying caused by high winds, bright sun. Small grains, row crops progress were well ahead of average.

**TENNESSEE:** Days suitable for fieldwork 5. Topsoil 1% very short, 9% short, 76% adequate, 14% surplus. Subsoil moisture 1% very short, 15% short, 78% adequate, 6% surplus. Tobacco 24% transplanted, 1999 18% avg. Wheat 16% turning color, 13% 1999, 10% avg.; 5% poor, 20% fair, 56% good, 19% excellent. Pastures 3% poor, 24% fair, 58% good, 14% excellent. Alfalfa 40% first cutting complete, 38% 1999, 28% avg.; 2% poor, 22% fair, 60% good, 16% excellent. Other hay 33% first cutting complete, 20% 1999; 4% poor, 27% fair, 56% good, 13% excellent. Farmers across the State were busy last week planting cutting hay. Corn producers were applying nitrogen, spraying insecticides on their crop. Cotton planting continued to make good progress last week despite scattered rain showers. The majority of the wheat crop remains in good-to-excellent condition, but problems with disease continue to worry growers. Hay producers are cutting hay as weather permits. Rain showers hampered producers in the Western part of the State, while producers in other areas had mostly clear skies. Many East counties are in need of moisture, some farmers there are delaying further planting until they receive rain. Temperatures averaged from 1° above normal in WestState to 6° above normal in the East.

**TEXAS:** High winds, above normal temperatures slowed crop progress, land preparation in portions of the Plains, Trans Pecos, Edwards Plateau, North Central areas. Progress was extremely limited in southern areas of the Low Rolling Plains, northern Edwards Plateau as only trace amounts of soil moisture have been received this spring. Some temperatures exceeded 100°F wind erosion was substantial in some areas. Planting was on hold across adequate soil moisture in many locations in some areas of East planting was on hold awaiting adequate drying conditions. Herd reduction, liquidation increased in the dryer areas, hauling water to remaining livestock remained necessary in portions of these same areas. Haying operations continued where possible. In the Rio Grande Valley, Winter Garden areas, vegetables continued to make progress but rains were needed. Field Crops: Small Grains: Threshing continued in some southern areas as conditions allowed. Some remaining dryland small grains remained in generally poor condition, being being hailed for hay or grazed out. Rust continued to be a problem in some remaining fields across the state. Statewide wheat condition was rated at 39% of normal compared with 74% 1999. Wheat Harvested Published 2%, 1999 3%, Average 1%. Oats Harvested Published 16%, 1999 11%, Average 7%. Corn: Planting was mostly completed in areas of the Plains where planting will be possible, some dry land corn will not be planted this planting season. Cultivation continued in all areas, irrigated corn made the most progress on the Plains. High winds caused some damage to young plants in a few locations. Statewide corn condition was rated at 82 percent of normal compared with 84 percent last year. Sliked Published 21%, 1999 12%, Average 5%. Dough Published 2%, 1999 0%, Average 0%. Cotton: Cotton planting continued in northern areas, however some planting activities were halted as the result of high winds. Other areas were still too dry to plant. Squaring continued in early cotton in southern areas. Some damage occurred to young cotton plants from blowing sand and thrip populations were high in a few locations. Squaring Published 4%, 1999 4%. Average 4% Rice: Early planted fields continued to be flooded and some were under permanent flood. State wide rice condition was rated at 90% of normal compared with 91% 1999. Sorghum: Planting was winding down in northern areas, but was on hold in a few locations as a result of high winds. Sorghum planting will be delayed or canceled in other areas if adequate moisture is not received. Corn planted 72%, 29% 1999, 50% avg. Spring wheat emerged 92%, 85% 1999, 87% avg. Barley emerged 92%, 84% 1999, 85% avg. Oats: planted 88%, 79% 1999, 74% avg; emerged 64%, 55% 1999, 50% avg. Potatoes planted 87%, 73% 1999, 56% avg. Ewes lambed on range 87%, 91% 1999, 88% avg. Sheep sheared on range 95%, 98% 1999, 96% avg. Cattle moved to summer range 22%, 23% 1999, 24% avg. Sheep moved to summer range 22%, 20% 1999, 23% avg. Major farm land ranch activities included planting corn, and vegetables, applying herbicides to small grains, and beginning to move livestock to summer ranges.

**WASHINGTON:** Days suitable for fieldwork 4.7. Topsoil was 5% very short, 20% short, 62% adequate, 13% surplus. Subsoil moisture 5% very short, 27% short, 66% adequate, 2% surplus. Winter wheat dryland 5% poor, 19% fair, 61% good, 15% excellent; irrigated 100% good. Headed 7%, 1% 1999, 3% avg. Winter wheat crop conditions remained favorable with mostly adequate moisture. Higher elevations in eastern state were behind on spraying due to wet weather. Spring wheat dryland 1% poor, 71% fair, 28% good; irrigated 100% good. Pastured 9%, 98% 1999, 94% avg; emerged 9%, 98% 1999, 94% avg; emerged 98%, 98% 1999, 94% avg; emerged 9%, 98% 1999, 94% avg; emerged 89%, 87% 1999. Barley 5% poor, 38% fair and 61% good; irrigated 100% good. Pastured 97%, 98% 1999, 93% avg.; emerged 89%, 85% 1999, 75% avg. Planting of spring crops was delayed by rain and areas of snow. Most cereal grain crops were nearly planted, emerged. Areas of hail were reported on May 9 in eastern state. Potatoes 9% fair, 89% good, 2% excellent. Emerged 69%, 46% 1999, 52% avg. Alfalfa hay, first cutting, 15% complete. Hay, roughage 99% adequate, 1% surplus. Range, Pasture 10% poor, 48% fair, 41% good and 1% excellent. Planting of vegetable, field crops continued in western state. Sweet corn planting continued. Asparagus harvest continued. Blueberries, strawberries, apples were in bloom. Raspberry blossoms were emerging. Blueberry growers were fertilizing plants, mowing cover crops between rows. Reports of hail on May 9 in eastern state damaged some very small fruits. Apple growers were applying scab sprays between rains. Thinning, irrigation, weed control continued in all crops. Christmas tree growers continued applying insecticides for aphids, adelgids. The first cutting of alfalfa hay was started, with reports of spraying for alfalfa weevil. Timothy, alfalfa hay stands were in good condition. First cutting of grass silage was mostly completed.

**VIRGINIA:** Days suitable for fieldwork 5.9. Topsoil 5% very short, 45% short, 50% adequate. However, topsoil moisture continues to decline as dry weather conditions persist throughout the State. Open weather conditions allowed producers to make good progress planting corn, soybeans. Intended Acreage Prepared for Spring Planting 88%, 94% 1999, 83% 5-yr avg. Wheat 11% fair, 61% good, 28% excellent; Wheat heading 35% 1999, 34% 5-yr avg. Hay very poor, 39% poor, 50% fair, 5% good, 4% excellent. Corn 70% planted, 81% 1999, 43% 5-yr avg. Soybeans 48% planted, 58% 1999, 11% 5-yr avg. Oats 87% green beans, peas, and onions made good to average progress. Strong winds caused stress to some fields where irrigation was limited. East State, planting continued, for peas, cucumbers, peppers, egg plants. Sweet potato planting continued in the dried areas and harvest continued where possible for broccoli, onions, cauliflower. High Plains, carrot planting continued, land preparation remained active but slowed at times as high winds continued. Peaches: The first sprays continued in parts of the Plains and fruit setting of later varieties continued in central and southern areas. Harvest continued with early varieties in a few locations and was completed in southern locations. Pecans: Nutlet development continued in most areas. Zinc applications continued to be applied by producers in southern, central areas, spraying for pecan nut casebearer continued in portions of these same areas. Range, Livestock: High winds and hot temperatures slowed recovery across the state. The Trans-Pecos regions remained mostly void of favorable moisture, recovery was also limited in areas of the Low Rolling Plains, and Edwards Plateau. Herb reduction, liquidation moved ahead in portions of these regions as supplemental feeding remained necessary and available water continued to be depleted. Planting of new grass continued in other locations where soil moisture was adequate. Supplemental feeding declined in the wetter areas as haying operations continued expanded.
Planted, 94% 1999, 81% 5-yr avg; Oats 55% emerged, 62% 1999, 53% 5-yr avg. Tobacco beds 100% seeded, 100% 1999, 100% 5-yr avg. Tobacco beds 99% emerged, 100% 1999, 98% 5-yr avg. Tobacco 3% transplanted. Apple 8% poor, 68% fair, 24% good. Peach 8% poor, 67% fair, 25% good. Cattle 1% very poor, 4% poor, 15% fair, 77% good, 3% excellent; 96% calved. Sheep 1% poor, 7% fair, 90% good, 2% excellent; 99% lambed. Feed grain supplies 5% very short, 7% short, 70% adequate, 18% surplus. Hay, roughage supplies 14% very short, 26% short, 60% adequate.

**WISCONSIN:** Days suitable for fieldwork 4.6. Soil moisture 6% very short, 33% short, 57% adequate, 4% surplus. Most of the state received much-needed rainfall during the past week. Temperatures were warm most of the week, then turned cool over the weekend, with frost warnings in the north. The showers helped recently-planted corn, soybeans to emerge at record paces. Soil moisture improved by 360 points last week. The Northeastern, Central districts were still rated as mostly short. Spring tillage was slowed due to last week’s showers. Crop reporters commented that hay cutting would start soon. Winter wheat in Walworth County had reached the boot stage with some being cut for feed. Winter wheat 0% very poor, 0% poor, 6% fair, 67% good, 27% excellent. Potato planting in Vilas County was in full swing last week. Wood County reported that apples, cherries, strawberries were in bloom and that cranberries were progressing well. Pasture feed 3% very poor, 5% poor, 34% fair, 48% good, 10% excellent.

**WYOMING:** Days suitable for fieldwork 4.6. Topsoil 4% very short, 32% short, 64% adequate. Barley 92% planted, 84% 1999, 8% avg.; 70% emerged, 67% 1999, 69% avg.; jointed 2%, 5% 1999, 6% avg. Barley 33% fair, 58% good, 9% excellent. Oats 79% planted, 65% 1999, 72% avg.; 47% emerged, 28% 1999, 33% avg. Spring wheat 83% planted, 62% 1999, 72% avg.; 35% emerged, 41% 1999, 38% avg. Winter wheat 43% jointed, 23% 1999, 22% avg. Winter wheat 14% very poor, 15% poor, 25% fair, 46% good. Sugarbeets emerged 83%, 60% 1999, 49% avg. Sugarbeet 3% poor, 12% fair, 77% good, 8% excellent. Corn planted 77%, 43% 1999, 60% avg.; 39% emerged, 3% 1999, 11% avg. Dry beans 4% planted, 0% 1999, 3% avg. Range flock ewes lambed 69%, 53% 1999, 51% avg. Range flock sheep shorn 97%, 79% 1999, 87% avg. All livestock in mostly good condition. Cattle moved to summer ranges 26%. Sheep moved to summer ranges 11%. Range, pasture 4% poor, 30% fair, 63% good, 3% excellent. Irrigation water supplies 1% very short, 31% short, 68% adequate. A hard freeze late in the week may force producers to replant some crops.