ALABAMA: Days suitable for fieldwork 6.4. Topsoil 49% very short, 33% short, 18% adequate. Soil moisture supplies increased slightly from previous weeks precipitation. Corn 98% dough; 95% dented, 100% 1998, 100% avg.; 88% mature, 99% 1998, 96% avg.; 62% harvested, 68% 1998, 56% avg. Soybeans 87% blooming, 99% 1998, 97% avg.; 84% setting pods, 96% 1998, 91% avg., 28% dropping leaves, 21% 1998, 15% avg.; 2% very poor, 3% poor, 32% fair, 48% good, 21% excellent. Soybean 52% very poor, 16% poor, 16% fair, 15% good, 1% excellent. Pasture feed 27% very poor, 31% poor, 25% fair, 16% good, 1% excellent. Livestock 4% very poor, 11% poor, 46% fair, 31% good, 8% excellent. Despite recent rainfall, cotton, soybeans, pastures are still in poor condition. Some soybeans are being cut for hay.

ALASKA: Days suitable for fieldwork 5.0. Topsoil 100% adequate. Subsoil 5% short, 95% adequate. Weather conditions for the week were mostly dry with daytime high temperatures mostly in the sixties. Nighttime lows were mostly in the thirties, dropped into the twenties in the Kenny Lake, Sawmill Creek areas. Oats 85% ripe or earlier, 5% swathed, 10% harvested. Hay 45% 2nd cutting harvest. Winter hay 15% short, 75% adequate, 10% surplus. Commercial storage potato 35% harvest. Wind damage to grains 100% none. Major activities included: Cutting hay, harvesting vegetables, grains, hay, killing vines, digging potato fields.

ARIZONA: Cotton harvest has begun in southern areas. Alfalfa harvest activity was reported as 15% not being harvested, 4% light, 38% moderate, 43% active. Alfalfa 2% poor, 9% fair, 81% good, 8% excellent. Last week central area producers shipped a light volume of watermelons, mangoes. Eastern producers harvested apples, chili.

ARIZONA: Cotton harvest has begun in southern areas. Alfalfa harvest activity was reported as 15% not being harvested, 4% light, 38% moderate, 43% active. Alfalfa 2% poor, 9% fair, 81% good, 8% excellent. Last week central area producers shipped a light volume of watermelons, mangoes. Eastern producers harvested apples, chili.

ARKANSAS: Days suitable for fieldwork 6. Rainbow 31% very short, 49% short, 20% adequate. Rainfall late in the week brought some relief to the western half of the State while the eastern and southern central portions of the state continue to be below normal. A lack of moisture in the atmosphere allowed for a great fluctuation between the daily highs and lows. Overall, average daytime temperatures were near to slightly above normal. Livestock were reported in fair condition, hot, humid weather and lack of grazing was causing deaths in poultry and livestock. Many farmers were feeding supplemental hay early this year because of the drought. Main farm activities: Harvesting rice, irrigating soybeans, defoliating cotton. Other activities included planting winter wheat, preparing land for planting of annual forages such as rye, ryegrass, timina pastures, finishing harvesting hay, planning for fall pastures. Other activities: brush hogging, spraying fields for insects, weeds, started cotton, soybean harvesting and continued corn, sorghum, pea, rice harvesting, scouting for and treating weeds in soybeans, treating crop lands for armyworms, tree fruit, small fruit harvesting, dusting and ear tagging cattle for external parasites, fall calving, giving Brucellosis vaccinations, pregnancy checking spring bred cows, selling cull cows, weaning calves. Corn 85% harvest; 7% poor 28% fair 50% good 15% excellent. Cotton 72% opening bolls; 2% harvested; 1% very poor 8% poor 34% fair 41% good 16% excellent. Soybeans 97% setting pods; 15% shedding; 4% harvested; 9% very poor 18% poor 30% fair 32% good 11% excellent. Sorghum 100% turning color; 90% mature; 59% harvested; 3% very poor 15% poor 39% fair 35% good 8% excellent. Alfalfa 6% very poor 28% poor 38% fair 28% good. Other hay 13% very poor, 37% poor, 37% fair, 13% good. Range, pastures feed 19% very poor 40% poor 31% fair 10% good.

CALIFORNIA: Field activities progressed normally under favorable conditions in most areas. Seeded preparations for fall-seeded small grains and forage crops continued. Winter forage planting was on-going. Short grain rice was harvested on a limited basis in the Sacramento Valley. Medium and long grain rice fields were still being drained, as crop development remained seven to ten days behind normal. Cotton growth gained momentum as temperatures warmed, although most fields were still one to two weeks behind normal. Cotton growers in the San Joaquin Valley were actively treating for late season aphid and armyworm infestations. Imperial Valley cotton harvest was just getting underway. Black eye, garbanzo beans were harvested in the central valleys. Safflower, vineseed harvests were winding down in the Sacramento Valley. Seed alfalfa harvest was virtually complete. Sugar beet harvest was ongoing in the central valleys; less mature fields were sprayed for mites, worms. Corn silage harvest was in full swing, harvest of corn for grain was slowly increasing as more fields matured. Sunflower fields were treated with defoliants in preparation for harvest. Alfalfa, sudan grass were cut for hay or green choppem. Some alfalfa fields were not sprayed for insects due to continued depressed prices. The harvest of grapes for fresh use gained momentum in the San Joaquin Valley. Varieties picked included Red Globe, Flame Seedless, Thompson Seedless. Most of the grapes harvested for raisins were laid; some trys were rolled. Nine grape harvest was gaining momentum. Prune harvest was nearing completion. Picking of apples was active. Granny Smith apples reached required maturity for harvest. Bartlett pears were harvested in Sacramento, Lake, Mendocino counties. Pomegranate harvest was underway; very good color was noted. Harvest of almonds continued. Walnut harvest was expected to begin soon. Valencia oranges, lemons were picked in southern areas. Strawberry growers were weeding, irrigating fields. The processing tomato harvest continued with good yields being reported. Late bight, black mold pressure were increasing along with powdery mildew. An increase in armyworms was noted; growers were treating the infestation. The cantaloupe, melon harvests advanced. Sweet potato, lima bean harvests continued. Fall vegetable planting moved ahead. Established lettuce, broccoli fields were growing well. Some growers were using hazing techniques to limit bird damage to young lettuce seedlings. Pumpkin, carrot fields were treated for worms, aphids. Among the vegetables harvested were eggplant, cilantro, chives, cucumbers, garlic, sweet corn, onions, peppers, squash and yam leaves. Irrigated pastures were in fair to good condition, while non-irrigated pastures were in poor to fair condition. Cattle continued to be shipped from higher elevation pastures where feed was short. Beef cows were calving in central, northern areas. Due to overgrazing or grasshopper damage, hay was being stockpiled by some central area operators for fall livestock feeding. Fire danger remained high in foothill, mountain areas. Some feeder cattle shipped from non-irrigated, higher elevation pastures in northwestern counties had below normal weight gains.

COLORADO: Days suitable for fieldwork 6.3. Topsoil 6% very short, 14% short, 73% adequate, 7% surplus. Subsoil 7% very short, 24% short, 66% adequate, 3% surplus. Mostly warm and dry days with widely scattered thunderstorms, some accompanied by hail. Harvest of small
grains finally nearing completion, later row crops advancing towards maturity. Wheat harvest 19% seeded, 22% 1998, 23% avg. Spring wheat 64% harvested, 71% 1998, 73% avg. Spring barley 97% harvested, 95% 1998, 89% avg. Oats 93% harvested, 88% 1998, 82% avg. Corn silage 19% harvested, 25% 1998, 26% avg. Dry onions 58% harvested, 61% 1998, 64% avg. Sugar beets 2% poor, 11% fair, 60% good, 27% excellent. Dry beans 36% cut, 59% 1998, 51% avg.; 19% harvested, 28% 1998, 31% avg; condition 2% poor, 11% fair, 68% good, 19% excellent. Summer potatoes 82% harvested, 70% 1998, 62% avg. Fall potatoes 10% harvested, 17% 1998, 14% avg.; 11% poor, 18% fair, 44% good, 27% excellent. Alfalfa 65% 3rd cutting, 59% 1998, 50% avg.; 1% very poor, 8% poor, 21% fair, 58% good, 12% excellent. Pasture feed, range mostly good.

DELAWARE: Days suitable for fieldwork 4.3. Topsoil 43% short, 54% adequate, 3% surplus. Subsoil 15% very short, 64% short, 21% adequate. Field corn 8% very poor, 32% poor, 42% fair, 17% good, 1% excellent; 85% dented, 84% 1998, 89% avg.; 44% mature, 42% 1998, 44% avg.; 18% harvested for grain, 17% 1998, 12% avg.; 71% harvested for silage, 57% 1998, 59% avg. Soybeans 4% very poor, 29% poor, 39% fair, 26% good, 2% excellent; 90% setting pods, 81% 1998, 86% avg.; 17% turned, 23% 1998, 18% avg.; 10% shedding leaves, 8% 1998, 6% avg. Sorghum 14% poor, 51% fair, 35% good; 40% turned, 43% 1998, 42% avg.; 10% mature, 7% 1998, 10% avg. Sweet corn 85% harvested, 81% 1998, 93% avg. Snap beans 85% harvested, 79% 1998, 86% avg. Cucumbers 87% harvested, 82% 1998, 94% avg. Lima beans 66% harvested, 54% 1998, 56% avg. Tomatoes 86% harvested, 80% 1998, 91% avg. Apples 5% fair, 75% good, 20% excellent; 45% harvested, 52% 1998, 49% avg. Clover and other hay 90% 3rd cutting, 90% 1998, 86% avg. Alfalfa hay 51% 4th cutting, 43% 1998, 37% avg. Hay supplies 2% very short, 38% short, 60% adequate. Pasture feed 3% very poor, 32% poor, 41% fair, 24% good. Activities: Continued vegetable, hay harvesting, grain corn harvesting picking up steam.
KANSAS: Days suitable for fieldwork 6.2. Topsoil 18% very short, 45% short, 37% adequate. Subsoil 10% very short, 36% short, 53% adequate, 1% surplus. Wheat seeding continues, little progress was made past the week mainly due to dry conditions. Sunflower 1% very poor, 2% poor, 17% fair, 66% good, 14% excellent. Ray flowers 79% dry, 93% 1998. Bracts 51% turning yellow, 71% 1998. Sunflowers 10% mature, 24% 1998; 2% harvested, 6% 1998. Alfalfa 68% 4th cutting, 72% 1998, 54% avg. Hay, forage supplies 6% short, 88% adequate 6% surplus.

KENTUCKY: Days suitable for fieldwork 6.0. Topsoil 84% very short, 14% short, 2% adequate. Subsoil 85% very short, 14% short, 1% adequate. For week, above normal temperatures Statewide with no measurable rainfall. Conditions remain excessively dry in most areas. Soybeans desperately need moisture. Corn harvesting in full swing. Burley cut 84%, 76% 1998, 65% avg. Dark tobacco cut 79%, 74% 1998, 73% avg. Tobacco in field rated 28% very poor, 29% poor, 32% fair, 10% good, 1% excellent. Housed tobacco drying too fast. Pasture feed 57% very poor, 31% poor, 9% fair, 3% good. Hay continues to be fed due to poor pasture conditions. Hay 53% very poor, 29% poor, 14% fair, 4% good.

LOUISIANA: Days suitable for fieldwork 4.8. Soil moisture 8% very short, 32% short, 52% adequate, 8% surplus. Corn 100% harvested, 98% 1998, 94% avg. Cotton defoliation was in full swing. Hay 76% final cutting, 74% 1998, 81% avg. Rice 98% ripe, 98% 1998, 95% avg. Rice harvested edged closer to completion. Soybeans 76% leaves turning, 79% 1998, 59% avg. Sugarcane 17% fair, 57% good, 26% excellent; 92% planted, 58% 1998, 58% avg. Sweet potatoes 9% poor, 29% fair, 5% good, 3% excellent; 26% harvested, 26% 1998, 27% avg. Livestock 1% very poor, 7% poor, 31% fair, 54% good, 7% excellent. Vegetables 4% very poor, 23% poor, 42% fair, 27% good, 4% excellent. Pasture conditions were helped by scattered showers.

MARYLAND: Days suitable for fieldwork 5.3. Subsoil 25% very short, 42% short, 33% adequate. Topsoil 1% very short, 16% short, 82% adequate, 1% surplus. Corn 17% very poor, 28% poor, 39% fair, 14% good, 2% excellent; 83% dent, 80% 1998, 79% avg.; 43% mature, 50% 1998, 40% avg.; 14% harvested for grain, 14% 1998, 9% avg.; 50% harvested for silage, 42% 1998, 42% avg. Soybeans 5% very poor, 19% poor, 38% fair, 30% good, 8% excellent; 10% turned, 23% 1998, 21% avg.; 6% shedding leaves, 7% 1998, 8% avg. Sorghum 14% very poor, 35% poor, 4% fair, 5% good, 7% excellent. Alfalfa 99% 4th cutting, 98% 1998, 48% avg.; 10% mature, 0% 1998, 7% avg. Tobacco 72% harvested, 75% 1998, 79% avg. Snap beans 90% harvested, 92% 1998, 90% avg. Cucumbers 86% harvested, 90% 1998, 96% avg. Sweet corn 95% harvested, 94% 1998, 93% avg. Lima beans 41% harvested, 55% 1998, 49% avg. Apples 1% poor, 20% fair, 79% good; 40% harvested, 27% 1998, 31% avg. Clover, other hays 8% 3rd cutting, 81% 1998, 60% avg.; 45% 4th cutting, 37% 1998, 19% avg. Alfalfa 81% 3rd cutting harvested, 99% 1998, 94% avg.; 38% 4th cutting, 56% 1998, 55% avg. Pasture feed 5% very poor, 19% poor, 42% fair, 33% good, 1% excellent. Hay 16% very short, 49% short, 35% adequate. Activities: Some vegetable harvesting finished up, grain harvesting continued.

MICHIGAN: Days suitable for fieldwork 6.0. Topsoil 29% very short, 55% short, 16% adequate. Subsoil 28% very short, 56% short, 16% adequate. Temperatures closer to normal this past week as crops relieved from hot weather. Besides a downpour State received 6th, rest of State received little rain this past week. Hay 4% very poor, 12% poor, 24% fair, 44% good, 16% excellent. Dry beans 1% poor, 14% fair, 58% good, 27% excellent. Hay 76% 3rd cutting, 83% 1998, 63% avg.; 13% 4th cutting, 19% 1998, 9% avg. Dry beans 98% shedding leaves, 100% 1998, 68% avg.; 77% mature, 82% 1998, 35% avg.; 38% harvested, 28% 1998, 14% avg. Silage 54% harvested, 50% 1998, 20% avg. Soybeans 85% turning leaves, 79% 1998, 53% avg.; 10% mature, 11% 1998, 6% avg. Dry bean harvest in full swing with many splits reported. Corn drying out as farmers with early planted corn expect to harvest this week. Corn silage harvest in overdrive as farmers trying to harvest silage before it is too dry. Third cutting hay finishing up, some farmers will not have a 4th cutting this year. Early planted soybeans being harvested as they continued to mature. Sugar beets desperate for rain as expected yields lower with each week without rain. Cantaloupe harvest continued. Carrot harvest moving quickly with excellent yields, quality. Cauliflower and broccoli harvests continued with some heads smaller than normal. Celery harvest continued. Cucumbers for pickle harvest continued with good yields, result in full swing when yields reported. Pepper harvest continued with good quality. Pumpkin harvest underway. Snap beans maturing ahead of normal, lack of rainfall affecting yields. Zucchini, summer squash harvest slowing down, finished in some areas. Yields, quality outstanding this year. Sweet corn harvest winding down. Fresh market tomatoes in good supply. Processing tomato harvest continued. Gala, McIntosh apple harvests completed. Peach harvest wrapped up. Sunflower seeds not set ended while late season plum harvest started. Niagara grape harvest nearing completion. Concord harvest will begin this week. Bartlett pear harvest wound down, harvest of later varieties started. Blueberry harvest ended, fall red raspberry harvest continued.
south-central, southeast districts reported almost 80% of pastures in very poor condition.

MONTANA: Days suitable for fieldwork 4.7. Topsoil 15% very short, 35% short, 49% adequate, 1% surplus. Subsoil 18% very short, 39% short, 43% adequate. Cooler than recent weeks, only small amounts of moisture were recorded at most locations across the State. Sugar beets 4% harvested, 0% 1998, 1% avg. Sugar beets 1% poor, 19% fair, 56% good, 24% excellent. Winter wheat harvested 98%, 100% 1998, 98% avg. Spring wheat 95% ripe, 99% 1998, 97% avg. Barley 96% ripe, 99% 1998, 97% avg. Oats 95% ripe, 99% 1998, 97% avg.; 82% harvested, 97% 1998, 88% avg. Corn for silage 19% harvested, 50% 1998, 30% avg.; 1% poor, 17% fair, 71% good, 1% excellent. Potatoes 4% poor, 19% fair, 57% good, 20% excellent. Dry beans 56% harvested, 94% 1998, 49% avg.; 3% poor, 24% fair, 61% good, 12% excellent. Alfalfa 83% 2nd cutting, 94% 1998, 91% avg. Other hay 96% harvested, 98% 1998, 98% avg. Cattle, calves 17% moved from summer ranges, 19% 1998, 12% avg. Sheep, lambs 24% moved from summer ranges, 18% 1998, 13% avg.

NEBRASKA: Days suitable for fieldwork 5.8. Topsoil 12% very short, 24% short, 63% adequate, 1% surplus. Subsoil 9% very short, 24% short, 66% adequate, 1% surplus. Temperatures 2° below normals for the week. Precipitation occurred across the State, ranged from traces to one and four hundredths inches at Brewer. Corn 2% very poor, 5% poor, 17% fair, 56% good, 20% excellent. Dryland corn 58%, irrigated corn 87% good and excellent. Corn 93% dented, 98% 1998, 83% avg.; 21% matured, 42% 1998, 21% avg. Soybeans 5% very poor, 9% poor, 29% fair, 46% good, 11% excellent; 51% coloring, 70% 1998, 55% avg.; 9% dropping leaves, 22% 1998, 19% avg. Sorghum 68% turning color, 90% 1998, 75% avg.; 2% mature, 26% 1998, 14% avg.; 7% poor, 29% fair, 54% good, 10% excellent. Dry beans 85% dropping leaves, 68% 1998, 61% avg.; 2% poor, 23% fair, 72% good, 3% excellent. Alfalfa 1% very poor, 9% poor, 27% fair, 56% good, 7% excellent; 99% 3rd cutting, 94% 1998, 92% avg. Pasture feed, range 4% very poor, 13% poor, 25% fair, 53% good, 5% excellent. Pastures were starting to dry up, to lack of moisture. Some farmers started to precondition and wean calves. Producer activities included moving grain, cutting silage, getting combines ready for harvest, tillage of wheat stubble, spraying ecosystem, preparing fields for wheat planting, marketing of yearlings.

NEVADA: Temperatures slightly above normal throughout most of the State with the exception of Elko where temperatures were slightly below normal for the majority of the week. Once again, Elly had the most precipitation for the week with 0.16 in. Las Vegas received 0.04 in., Reno received only a trace of precipitation. Irrigation water supply remained adequate throughout most of the State. Alfalfa hay harvest continued, with 3rd cutting well along, 4th cutting beginning. Alfalfa seed harvest continued. Grain harvest was wrapping up. Onion harvest gained momentum. Potato harvest began; frost from the precious week had halted potato development. Main farm, ranch activities: Irrigating, harvesting alfalfa, digging potatoes, alfalfa seed harvest, onion harvest, working cattle.

NEW ENGLAND: Days suitable for fieldwork 5.7. Topsoil 12% very short, 39% short, 48% adequate, 1% surplus. Subsoil 34% very short, 34% short, 31% adequate, 1% surplus. Pasture feed 25% very poor, 40% poor, 26% fair, 9% good. Maine potatoes 10% harvested, 5% 1998, 5% avg.; condition excellent to good. Massachusetts potatoes 55% harvested, 55% 1998, 55% avg.; condition good to fair. Rhode Island potatoes 50% harvested, 35% 1998, 45% avg.; condition fair to poor. Oats in Maine 95% harvested, 75% 1998, 60% avg.; condition good to excellent. Maine tomatoes 90% harvested, 35% 1998, 95% avg.; condition excellent to fair. Shade tobacco 95% harvested, 100% 1998, 100% avg.; condition good to fair. Sweet corn 90% harvested, 85% 1998, 85% avg.; condition good to fair. Red beets 95% harvested, 100% 1998, 100% avg.; condition good to fair. Blueberries 99% harvested, 100% 1998, 99% avg.; size average, condition good to fair. First significant rainfall in most parts of the region since May 23. Major farm activities included: Harvesting tree fruits, potatoes, blueberries, late season vegetables; chopping silage corn; harvesting field crops in good condition. Wheat harvest was near completion while harvest of apples is near completion. Potato harvest is winding down in southern areas. Smaller than usual sizes have been reported. Sweet potato harvest has already started in the southern counties. Harvest of fall spinach, lettuce have also started. Disease, insect problems have been reported in fall cabbage fields that were planted recently. Harvest of peaches is near completion while harvest of apples is picking up. Quality of both crops has been reported to be from excellent to good, especially in terms of flavor, texture, color. Some farmers have reported sizes smaller than usual for both fruits. However, the overall quality is still considered as good.

NEW JERSEY: Days suitable for fieldwork 5. Temperatures above normal. Extremes 45°; 89°. Rainfall 1.17 in. north, 1.05 in. central, 1.38 in. south. Recent rains arrived at the critical pod set stage, many fields were able to recover after months of extreme dryness. Heaviest 24 hour total 1.49 in. at Atlantic City Marina on the 7th to the 8th. Estimated soil moisture, percent of field capacity, this past week averaged 84% north, 68% central, 65% south. Four inch soil temperatures 71° north, 79° central, 74° south. Irrigation water supply is adequate in most areas. Preparation of fields for small grains, hay, grass seeding occurred during the week. Field corn is in poor condition across the State. Cutting of corn silage is in full swing. Soybeans between poor to fair in most areas. Alfalfa, other hay fields is improving with the recent rains, delayed 2nd cutting might occur in some areas. Prospects for the 3rd cutting are improving if rains continue. Pasture conditions continued to improve, however, supplemental feeding of cattle is still needed in most areas. Some farmers are turning their cattle out to hay fields. Harvest of summer vegetable crops is in full swing. Over 70% of the tomato, pepper, cucumber crops have already been harvested. Excess moisture is causing disease problems in the remaining tomato fields across southern areas. This, in addition to the skin cracking problems reported earlier, have affected the quality of the late planted tomatoes. Some peppers fields are being affected by insect problems also due to the excess moisture. Potato harvest is winding down in southern areas. Smaller than usual sizes have been reported. Sweet potato harvest has already started in the southern counties. Harvest of fall spinach, lettuce have also started. Disease, insect problems have been reported in fall cabbage fields that were planted recently. Harvest of peaches is near completion while harvest of apples is picking up. Quality of both crops has been reported to be from excellent to good, especially in terms of flavor, texture, color. Some farmers have reported sizes smaller than usual for both fruits. However, the overall quality is still considered as good.

NEW MEXICO: Days suitable for fieldwork 6.8. Temperatures a little above normal most locations. Some measurable precipitation fell at about two thirds of the reporting stations. Conditions continued favorable across most of the State for harvest of hay, vegetable crops. Fall planting of wheat was progressing rapidly. Planting new alfalfa fields has started. Chile, corn silage harvest remained active. Ranchers reported good weight gains with no supplemental feeding. Pasture feed, range 1% very poor, 5% poor, 26% fair, 56% good, 10% excellent. Cattle, sheep conditions remained in mostly good to excellent condition.


NORTH CAROLINA: Days suitable for fieldwork 4.2, 5.7 last week. Soil moisture levels have nearly recovered, 8% very short, 9% short, 53% adequate, 30% surplus. Although the hurricane rains were widespread, the Mountain region received very little rainfall, still extremely dry. One week after Hurricane Dennis moved through the State, official estimate of $37 million worth of damage has been associated with the tropical disturbance. Tobacco sustained estimated damages totaling nearly $14 million, the most costly. However, corn, soybeans, cotton each had damage estimates of over $5 million. Some 475,000 acres suffered some disturbance. Tobacco harvested and marketing and are still the major activities along with corn for grain and silage harvest. Other activities included sorghum,
OKLAHOMA: Days suitable for fieldwork 5.7. Subsoil 14% very short, 28% short, 58% adequate. Topsoil 17% very short, 38% short, 43% adequate, 2% surplus. Cool, wet weather produce excellent conditions for wheat seeding, aid row crop maturity. Wheat 75% seeded prepared, 6% 1998, 77% avg. Oats 80% seeded prepared, 55% 1998, 61% avg. Corn 2% very poor, 1% poor, 3% fair, 93% good, 1% excellent; 75% mature, 82% 1998, 60% avg.; 29% harvested, 60% 1998, 32% avg. Soybeans 1% very poor, 18% poor, 36% fair, 44% good, 1% excellent; 82% setting pods, 93% 1998, 94% avg.; 32% mature, 58% 1998, 38% avg.; 7% harvested, 18% 1998, 11% avg. Peanuts 16% mature, 39% 1998, 21% avg. Alfalfa hay 2% very poor, 7% poor, 43% fair, 46% good, 2% excellent; 67% 4th cutting, 34% 1998, 65% avg.; 11% 3rd cutting, 2% 1998, 9% avg. Other hay 61% 2nd cutting, 20% 1998, 68% avg. Livestock 2% poor, 26% fair, 67% good, 5% excellent. Feeder steer prices stable to $1 per cwt. higher.

OREGON: Days suitable for fieldwork 7. Topsoil 50% very short, 36% short, 14% adequate. Subsoil 53% very short, 30% short, 16% adequate, 1% surplus. Barley 73% harvested, 90% 1998, 84% avg. Spring wheat 95% harvested, 97% 1998. Winter wheat 99% harvested, 100% 1998, 100% avg. Range, pasture feed 5% very poor, 25% poor, 34% fair, 33% good, 3% excellent. Activities: Small grain harvest nearly completed. Klamath Basin, northeast still have grain to be harvested. Haying completed, hay harvest underway on east side. Willamette Valley reported field corn maturing fast. Irrigation, repotting of containers, rotation of containers main activity at nurseries. Greenhouses have fall mums, pionies for sale, working on fall, winter plant starts, plans. Willamette Valley harvest of processing green beans nearing completion. Onions being pulled, excellent drying weather. Sweet corn harvest ongoing, most potatoes dug. Total of potatoes Klamath Basin knocked down, potato harvest began. Northeast reported slow progress of fresh potato harvest, low prices, slow movement. Willamette Valley evergreen blackberry picking winding down, canebereyes being pruned, trained. Peach, pear, apple harvest continued. Hazelnuts ripening. Rogue River Valley pear harvest in full swing, apples also being picked. Gala picking in Milton-Freewater has ended, some early Red Delicious picking has started. Grapes need some more warm weather. South coast cranberry leaf tissue sampling winding down. Hood River Valley gala apple harvest began in lower valley. Bartlett pears being picked in upper valley. Livestock mostly good, some fair. Western pastures mostly reached summer dormancy except irrigated. Some cattle movement has started.

PENNSYLVANIA: Days suitable for fieldwork 4.3. Soil moisture 19% very short, 40% short, 32% adequate, 9% surplus. Corn 90% very short, 90% 1998, 90% avg.; 64% dent, 9% 1998, 98% avg.; 25% mature, 15% 1998, 16% avg. Ensilage corn 48% harvested, 21% 1998, 22% avg. Soybean 13% very poor, 22% poor, 48% fair, 16% good, 1% excellent. Wheat 5% planted, 5% 1998, 14% avg. Barley 22% planted, 17% 1998, 17% avg.; 15% emerged, 5% 1998, 6% avg. Tobacco 50% harvested, 84% 1998, 79% avg. Potato 32% harvested, 32% 1998, 37% avg. Alfalfa 81% 3rd cutting, 75% 1998, 72% avg.; 40% 4th cutting, 40% 1998, 33% avg. Timothy clover 88% 2nd cutting, 87% 1998, 87% avg. Quality of hay 14% very poor, 16% poor, 24% fair, 35% good, 11% excellent. Apple 32% harvest, 33% 1998, 31% avg.; 3% poor, 22% fair, 69% good, 6% excellent. Peach 94% harvest, 91% 1998, 88% avg.; 1% poor, 15% fair, 67% good, 17% excellent. Grape 5% harvest, 9% 1998, 21% avg. Fall 29% clover, 28% 1998, 34% avg. Activities include: Harvesting fruits; vegetables, potatoes, barley, rye, oats, corn silage, tobacco; planting barley and wheat; machinery maintenance; filling silos; fixing fences; hauling manure; pumping and spreading manure; spreading lime; caring for livestock; cutting hay; plowing for the fall.

SOUTH CAROLINA: Days suitable for fieldwork 6.2. Soil moisture 21% very short, 47% short, 31% adequate, 1% surplus. Apples 45% harvested, 37% 1998, 43% avg.; 30% poor, 56% fair, 14% good. Corn 100% matured, 100% 1998, 100% avg.; 88% harvested, 84% 1998, 72% avg.; 7% very poor, 24% poor, 41% fair, 23% good, 5% excellent. Livestock 1% very poor, 11% poor, 40% fair, 38% good, 10% excellent. Grapes 33% poor, 53% fair, 14% good. Peaches 100% harvested, 100% 1998, 100% avg. Pasture feed 17% very poor, 33% poor, 41% fair, 9% good. Sorghum 99% headed, 100% 1998; 92% turned color, 92% 1998; 65% matured, 62% 1998; 40% harvested, 39% 1998, 35% avg.; 15% very short.
poor, 38% poor, 41% fair, 6% good. Sweet potatoes 11% harvested, 14% 1998, 12% avg.; 7% poor, 34% fair, 59% good. Tobacco 93% harvested, 93% 1998, 94% avg.; 61% stalks destroyed, 52% 1998, 57% avg. Winter grazings 6% planted, 16% 1998, 14% avg. Winter wheat 1% planted.

**SOUTH DAKOTA:** Days suitable for fieldwork 4.0. Topsoil 1% very short, 11% short, 68% adequate, 20% surplus. Subsoil 12% short, 73% adequate, 15% surplus. Alfalfa 1% very poor, 2% poor, 20% fair, 58% good, 19% excellent; 95% 2nd cutting; 63% 3rd cutting, 68% 1998. Other hay 92% harvested. Sorghum 99% headed, 100% 1998, 99% avg.; 0% harvested, 6% 1998, 1% avg., 12% harvested for silage, 21% 1998, 10% avg. Soybeans 4% very poor, 17% 1998, 14% avg.; 0% harvested, 1% 1998, 0% avg. Sunflower 3% poor, 22% fair, 58% good, 17% excellent; 77% ray flowers dry, 91% 1998, 91% avg.; 58% bracts yellow, 73% 1998, 69% avg.; 5% mature, 20% 1998, 16% avg. Flaxseed 1% very poor, 2% poor, 23% fair, 56% good, 18% excellent; 99% ripe, 100% 1998, 97% avg.; 79% harvested, 96% 1998, 83% avg. Corn 34% harvested for silage, 48% 1998, 19% avg. Winter rye 15% seeded, 41% 1998, 32% avg.; 3% emerged, 29% 1998, 16% avg. Wheat 2% emerged, 10% 1998, 9% avg. Range, pasture feed 1% very poor, 6% poor, 21% fair, 54% good, 18% excellent. Stock water 3% short, 82% adequate, 15% surplus. Cattle 7% fair, 66% good, 27% excellent. Sheep 4% poor, 6% fair, 59% good, 31% excellent.

**TENNESSEE:** Days suitable for fieldwork 7.0. Topsoil 75% very short, 21% short, 4% adequate. Subsoil 69% very short, 25% short, 6% adequate. Corn 97% mature, 83% 1998, 77% avg.; 76% harvested for grain, 47% 1998, 28% avg.; 89% silage harvested, 83% 1998, 76% avg. Burley 80% harvested, 58% 1998, 64% avg. Dark air cured 91% harvested, 68% 1998, 74% avg. Dark fire cured 81% harvested, 68% 1998, 71% avg. Pasture feed 45% very poor, 38% poor, 18% fair, 5% good. Hay stocks 16% very short, 28% short, 50% adequate, 6% surplus. Drought conditions continued last week with only a few scattered showers on 8th, 9th. Pastures, livestock water supplies have also been hurt tremendously by the heat, dry conditions. Pastures are mostly poor to very poor, while water shortages are becoming more numerous. Hay continues to be fed, cattle marketings remain heavier than normal. Hay supplies have been depleted more rapidly than normal with only 56% of the counties reporting adequate or better levels. On a brighter note, corn harvest continued at a record pace last week, 76% of the crop had been harvested. This progression is a full three weeks ahead of the average.

**TEXAS:** Temperatures moderated during the week as widely scattered showers fell in the Plains, North, East Texas, along the Upper Coast. Numerous showers from a tropical storm fell across South Texas. Land preparation was limited as drying conditions were still needed. San Antonio-Winter Garden, some planting of fall vegetables continued. Some areas received scattered showers. East Texas, the post-harvest watermelon harvest continued but slowed. Harvest of vegetables, planting of fall crops remained slow due to continued dry conditions in most locations. High Plains, vegetable harvest was mostly completed. Trans Pecos, some vegetables remained to be harvested, most was complete. Some peaches continued to be available in the High Plains area. Pecans continued to drop nuts as showers have not been of much help. Insects were still a problem in many locations.

**Range and Livestock:** Production of hay continued to decline, however supplies remain good. Supplemental feeding continued as pastures declined. Grass fires continued to be a problem in Central Texas, the Edwards Plateau, High Plains. Poultry operations benefited from the slightly cooler temperatures.

**UTAH:** Days suitable for fieldwork 6.6. Topsoil 12% very short, 21% short, 65% adequate, 2% surplus. Subsoil 12% very short, 22% short, 64% adequate, 2% surplus. Pasture feed, range 1% very poor, 9% poor, 31% fair, 53% good, 6% excellent. Corn 75% dough stage, 73% 1998, 56% avg.; 17% dent stage, 30% 1998, 23% avg. Corn silage 11% harvested, 8% 1998, 7% avg. Alfalfa hay 79% 3rd cutting, 65% 1998, 62% avg. Alfalfa seed 20% harvested, 32% 1998, 25% avg. Oats 88% harvested for grain, 86% 1998, 84% avg. Peaches 75% picked, 48% 1998, 77% avg. Pears 62% picked, 46% 1998, 68% avg. Apples 14% picked, 3% 1998, 15% avg. Potatoes 10% harvested, 4% 1998, 11% avg. Onions 22% harvested, 24% 1998, 28% avg. Cattle 12% moved from summer range, 9% 1998, 17% avg. Sheep 11% moved from summer range, 4% 1998, 11% avg. Irrigation water supply 7% very short, 14% short, 72% adequate, 7% surplus. Stock water 3% very short, 18% short, 77% adequate, 2% surplus. Major activities included: Harvesting hay, fruit, vegetables, preparing land for fall planting, irrigating.

**VIRGINIA:** Days suitable for fieldwork 4.0. Topsoil 10% very short, 19% short, 53% adequate, 18% surplus. Subsoil 19% very poor, 35% short, 36% adequate, 10% surplus. Topsoil, subsoil moisture levels greatly improved this past week as a result of Tropical Storm Dennis. Flash flooding was a problem in some localities as weather conditions changed from one extreme to another. Pasture feed 7% very poor, 29% poor, 37% fair, 2% excellent. Livestock 2% very poor, 17% poor, 41% fair, 32% good, 8% excellent. Hay, alfalfa 3% very poor, 10% poor, 47% fair, 30% good, 10% excellent. Corn for grain 96% dough, 96% 1998, 95% avg.; 82% dented, 78% 1998, 78% avg.; 60% mature, 62% 1998, 59% avg.; 10% harvested, 33% 1998, 21% avg.; 13% very poor, 22% poor, 35% fair, 22% good, 8% excellent. Corn for silage 45% harvested, 69% 1998, 45% avg. Soybeans 97% blooming, 99% 1998, 96% avg.; 87% setting pods, 92% 1998, 87% avg.; 5% dropping leaves, 10% 1998, 4% avg.; 6% very poor, 15% poor, 39% fair, 31% good, 9% excellent. Tobacco, flue cured 60% harvested, 47% 1998, 57% avg.; 5% poor, 30% fair, 45% good, 20% excellent. Tobacco, burley 69% harvested, 59% 1998, 50% avg.; 4% very poor, 6% poor, 20% fair, 44% good, 26% excellent. Tobacco, dark fire cured 80% harvested, 82% 1998, 79% avg. Tobacco, sun cured 75% harvested, 85% 1998, 73% avg. Peanuts 0% dug, 1% 1998, 2% avg.; 0% combined, 0% 1998, 0% avg.; 11% fair, 55% good, 34% excellent. Cotton 40% bolls opening, 84% 1998, 53% avg.; 8% fair, 43% good, 49% excellent. Apples, all 3% very poor, 8% poor, 31% fair, 48% good, 10% excellent. Apples, fall 18% harvested, 12% 1998, 28% avg. Apples, winter 2% harvested, 0% 1998, 0% avg. Peaches 95% harvested, 98% 1998, 98% avg. Pastures continued to green up with adequate re-growth. The condition of hay acreage improved as well. Corn acreage is progressing on a normal schedule. Harvest of corn acres for grain, silage was brought to a halt in many areas due to wet field conditions. Soybean crop has caught up to a normal schedule with respect to plant development. Some plants were stunted earlier in the growing season, have not been able to recover. These acres will likely be cut for hay. Tobacco producers have been able to harvest this year’s crop on schedule or even slightly ahead thus far. Progress slowed as a result of recent rains. Peanut acres remain in mostly good or excellent condition however disease pressure increased
due to wet fields. Condition of cotton acreage remains virtually unchanged from the previous week. Harvest of fall, winter apples commenced across the fruit growing areas of the Commonwealth. Some splitting of the fruits was reported after last weeks rain. Peach harvest is nearly complete. Small grain producers are preparing fields for sowing.

WASHINGTON: Days suitable for fieldwork 7.0. Topsoil 20% very short, 48% short, 32% adequate. Subsoil 15% very short, 58% short, 27% adequate. Moisture was still too high in some fields to harvest. Winter wheat 100% harvested, 100% 1998, 99% avg.; 45% planted, 52% 1998, 42% avg. Due to the warm weather, winter wheat harvest was completed. Growers had almost one-half of the 2000 crop planted, it was starting to emerge. Some areas were being re-seeded due to rains that crusted the soil. Spring wheat 95% harvested, 100% 1998, 98% avg. Barley 96% harvested, 100% 1998, 98% avg. Potatoes 32% harvested, 33% 1998, 28% avg.; 9% fair, 51% good, 40% excellent. Hay, other roughage 2% short, 77% adequate, 21% surplus. Range, pasture feed 4% poor, 33% fair, 54% good, 9% excellent. Cattle moved from summer pastures 15%, 19% 1998, 15% avg. Stock water 9% short, 97% adequate.

WEST VIRGINIA: Days suitable for fieldwork 6.0. Topsoil 29% very short, 53% short, 18% adequate. Producers made good harvest progress as cooler temperatures, dry weather conditions continued over most of the State. However, drought conditions continue to affect water supplies. Hay 30% very poor, 38% poor, 30% fair, 2% good; Hay 2" cut 79%, 91% 1998, 88% avg.; 3" cut 34%, 49% 1998, 52% avg. Corn 13% very poor, 49% poor, 34% fair, 4% good; doughing 91%, 89% 1998, 90% avg.; 60% dent, 56% 1998; 45% mature, 29% 1998, 33% avg. Oats 99% harvested, 100% 1998, 98% avg. Soybeans 4% very poor, 24% poor, 48% fair, 24% good; 96% setting pods, 90% 1998, 98% avg.; 31% dropping leaves, 53% 1998, 31% avg. Tobacco 12% very poor, 14% poor, 31% fair, 43% good; 93% topped, 84% 1998, 96% avg.; 20% harvested, 33% 1998, 57% avg. Apples 8% very poor, 24% poor, 52% fair, 16% good; 10% harvest, 45% 1998. Peaches 20% very poor, 30% poor, 40% fair, 10% good. Cattle 3% very poor, 14% poor, 49% fair, 32% good, 2% excellent. Sheep 1% very poor, 15% poor, 40% fair, 40% good, 4% excellent.

WISCONSIN: Days suitable for fieldwork 6.3. Soil moisture 12% very short, 29% short, 58% adequate, 1% surplus. Corn silage harvest was one of the main activities last week for farmers. Dry conditions continued to push maturity ahead of normal, dried the crop down rapidly. It was reported that corn may be drying down too fast in southern areas for farmers to have enough time to harvest at an optimal moisture content. Silage harvest was one week ahead of the five-year-average, slightly behind last year’s pace. Some corn for grain fields in Dane County were testing 20 to 25% moisture. Dry conditions continued last week for most of the State; pasture growth has slowed. Third, 4th crop hay were harvested last week, quality was good. Moisture is now needed for good winter stands. Amount of 4th cutting hay could be diminished by the lack of rainfall. Hay 83% 3rd crop harvested, 91% 1998, 69% avg.; 20% 4th crop harvested, 32% 1998. Soybeans were rapidly turning, shedding leaves with the dry weather. Harvest of soybeans could start as early as next week. Soybean 75% leaves turned, 87% 1998, 52% avg.; 25% dropping leaves, 33% 1998, 14% avg.; 2% poor, 12% fair, 54% good, 32% excellent. Apple crop was reported as maturing two to three weeks ahead of normal. The apples are of good size and quality, which local deer have discovered. Potato harvest was in full swing in Oneida County last week, tobacco harvest was nearing 50% completion in Rock County. Some fall tillage was also completed last week. Pasture feed 1% very poor, 5% poor, 33% fair, 50% good, 11% excellent.