

Jackson SCD Field Trials Provide Basic Information

By ROBERT LONZWAY
Jackson SCD

Vegetation is important! Nearly all the earth's land area is clothed with vegetation. Vegetation is in the form of trees, shrubs, grasses, legumes and weeds. Vegetation provides people with nearly all their shelter, food and fiber, either directly or indirectly. The field trial program in the Jackson soil conservation district is a continuing job concerned primarily with conservation of

grasses and legumes. Grasses and legumes are a lot like people. Some are tall, some short and some big and some small. As with people, management and treatment has a direct relationship to quality and quantity of production.

Studies Related

Much has been learned and much is to be learned about management and treatment of grasses and legumes. Some of the things learned are: relation of species, methods of establishment and manage-

ment of established plantings. Some of the conservation methods used in field trials are alternate seeding, use of depth bands and fertilizer practices. Things learned from the trials are such things as seedbed preparation, seeding time and methods and, of most importance, the related merits of future grasses and legumes.

Field trials in the Jackson SCD are a cooperative job in helping the cooperators find the right grasses and legumes for high economical return plus establishment of soil and water conservation. Cooperating on these jobs are the experiment stations, county extension service and other agencies and organizations. The species of seed and technical help is made available by the soil conservation service.

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Plantings Reviewed

A brief review of some field planting trials in Jackson SCD are:

Hay and pasture plantings: Akara orchard grass, 2 acres, V. Hunt, Evans Valley; Greener grass, 18 acres, P. Shultz, Sams Valley; Harding and Lunal grass, 16 acres, B. Bitterling, Eagle Point; Lalar orchard grass, 10 acres, L. James, Sams Valley; Cascade lotus, 30 acres, P. Nevins, Agate desert.

Range seeding: Les Bonos lotus, 10 acres, G. Loftin, Beagle; Lana vetch, 30 acres, C. McCrae, Evans Valley; Rose clover and Blando Bromo, 12 acres, M. Bradshaw, Little Butte; Lana vetch and tall oatgrass, 12 acres, J. Konwiser, Yankee creek; Greener grass, eight acres, C. Moxley, Meridian road.

Protective seeding: creeping red fescue, Ramsey canyon dam, Sams valley; streambank wheatgrass, ditch pad, L. James; streambank wheatgrass, fill and spillway, E. Korner.

Seed production: Greener grass, L. James.

Range seeding: Los Banos lotus, J. Woolfolk, 15 acres; Harding grass, M. Bradshaw, 15 acres; Los Banos lotus, J. Konwiser, 10 acres; Harding grass, C. Moxley, 10 acres.

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TREE PLANTERS - This group of Eagle Point Grange women spent all day recently at the C. C. Hoover home on Gregory rd. potting seedling Colorado Blue Spruce. This many public service projects being conducted by the active Grange.

Oregon Dairies Increase Use Of Machinery

Salem - Push-button farming is making the dairyman's life much easier these days according to statistics released by the state department of agriculture which show a continued increase in the use of mechanical equipment.

Almost all dairies inspected by the Department were reported using farm tanks, pipeline milkers, or a combination pipeline milker and farm tank, stanchion and platform milking parlors and paved cowyards.

The tanks and milkers take the place of the old-time hand milking and milk cans which took a great deal more time and was much less sanitary. Paved cowyards have also reduced the possibility of dirt or disease. A cow used to be led into a stall, through a muddy cowyard if it happened to be during the rainy season and milked by hand after which the milk was carried in buckets to larger containers to a milk house. Now the animal is conducted over a paved yard, into a shiny well-lighted milking parlor and, after a preliminary cleaning which is still done by hand, is milked automatically. The milk is sent through a pipeline, often partly transparent, into a farm tank.

Dairies Checked

Dairies checked today by the Department show a total of 589 producers and producer-distributors using farm tanks as compared to 450 in 1956 and 570 in 1959.

Pipeline milkers are used by 379 producers and producer-distributors while in 1956 there were 267 and in 1959, there were 347. Using combination tanks and milking parlors are 331 producers and producer-distributors and in 1956 there were 177 while in 1959 there were 275.

Stanchion parlors are used by 428 dairymen while in 1956 there were 437 using the convenience and in 1959, there were 461. The stanchion is the only type of parlor to show a drop. This is because it is the older type of parlor and is being replaced by the newer raised-platform style of milking parlor.

Platform Popular

Elevated, platform-type parlors were being used by 309 dairymen in 1960, by 276 in 1959 and by 327 in 1956. Paved cowyards were in use last year by 509 dairymen, in 1959 by 419 and in 1956 by 202.

According to Kenneth E. Carl, assistant chief of dairy law enforcement for the department, dairies inspected by city officials showed similar increase in the use of modernized machinery in 1960, although statistics for earlier years are not available.

Delienback's Bill Asks Annual Sessions

Salem - (UPI) - Rep. John R. Delienback (R-Medford) Monday put in a bill providing for annual sessions of the legislature. It now meets once every two years, on the odd-numbered year.

Under his plan, the legislature meeting in even-numbered years would consider only state government, revenue and tax matters. The session meeting in odd-numbered years would consider all issues. His bill provides no length.

Accident Day

Chicago - Accidents at railroad grade crossings occur most often on Sundays.

Chicago - About 40 per cent of all fatal accidents occur during week ends.



CHIEF TREE MAN - C. C. Hoover, Gregory rd., recently held a tree potting party for Eagle Point Grangers at his home. After potting 350 Colorado Blue Spruce in one day the Grangers distributed the trees to residents of Eagle Point and vicinity the next day. Hoover is shown tending a planting pot and seedling tree.

E. P. Grange Members Promote Tree Planting

Eagle Point - The Eagle Point area will "come up roses" if C. C. (Charlie) Hoover and his Eagle Point Grange committee has anything to say about it. It is already "coming up" trees.

Two years ago the Grange distributed and acted as general observer to the planting of 25,000 trees throughout the county, but with main emphasis in the Eagle Point area. Last year they distributed and fostered the planting of 8,000 trees. These consisted of Golden Weeping Willow, Chinese Elm, Redwood, incense cedar and some 16 varieties all told. This year the Grange is promoting the planting of 30,000 trees. Hoover, as tree planting committee chairman plans to order vast quantities of roses next and distribute them throughout the Eagle Point area and perhaps through the rest of Jackson county.

Winnipeg - Flax can be grown successfully almost any place in North America.

Official Says Disease Control Program Tops

Salem - "Progress in Oregon on the brucellosis program is very excellent," said Dr. Donald Miller, assistant director of the animal eradication division of the United States Department of Agriculture from Washington, D.C.

Dr. Miller was a guest at the final sessions of the work conference held Feb. 1-2 for state and federal veterinary disease control officials at the state department of agriculture in Salem. These meetings were sponsored jointly with the office of the federal veterinarian in charge in Oregon, Dr. A. G. Beagle.

During a brief interview Dr. Miller said, "We think that after counties and states reach a modified, certified brucellosis status as Oregon has, and with a high level of calfhood vaccination, the market cattle testing program provides the best means for eventual eradication of brucellosis."

He added that when these cattle are tested either at slaughterhouses or at the market, the necessity for 95 per cent of on-the-ranch testing of beef cattle is eliminated. Dr. Maurice Wolfe, SDA, had earlier said that ranch testing costs \$1.10 as compared to a cost of 53 cents for vaccination at an auction yard.

Speaking of the conference, Dr. Miller said, "It provides for uniformity and clarity of procedures, keeps participants better informed on various activities so they can be more efficient on the job." Dr. Miller covers 16 western states working with veterinarians in charge of preventive programs.

Agenda for the two-day session included a talk on "Status of Counties," Dr. Philip Cazier, assistant in charge of the USDA in Oregon; a talk on market cattle testing by Dr. Wolfe; a panel discussion on brucellosis certification with Drs. R. S. Russ, "oseburn, USDA; George Puls, Union, SDA; R. F. Mawrer, Ontario, USDA. State Veterinarian Dr. L. E. Bodenweiser spoke on retesting of infected herds. Slides were shown on scabies and the starting control program. Speaking on various aspects of scabies were Drs. L. Dale Cherry and Kenneth Erickson, Baker, USA; and Carl Spencer, Ashland, SDA. Serving on a panel on scabies were Drs. Puls, Erickson, Spencer and Cherry.

Dr. A. G. Beagle talked on the treatment of infected animals; Dr. Wm. D. Pritchard,

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Gardening Tips

By JOHN McLOUGHLIN
County Extension Agent

The successful gardener realizes that the beauty of his garden is directly proportional to the soil preparation. No amount of cultivation following planting will replace good soil preparation. For this reason he prepares his flower garden soil to a depth of 10 inches and his shrub and rose soil to 30 inches.

Particularly important with the heavy soils of the valley is the timing of the preparation. Working the heavy soil while it is wet and sticky will destroy the granular structure and cause a hard, cloddy soil. Sandy soils are in good workable condition at an earlier

Pruning Explained To Pear Growers By County Agent

By CLIFFORD B. CORDY
County Horticultural Agent

The desirability of encouraging vigorous growth on young trees and then pruning the trees lightly was emphasized at a pear growers meeting held Wednesday at the Redskin orchards.

At the time trees are planted they should be headed back to 20 in. to 24 in. This, in most cases, is knee high. All side shoots should be cut back to a short stub unless they are as large or larger than a pencil in which case they can be cut back to about 10 in.

After the first year's growth three branches should be selected for framework. These should preferably originate from the top three buds. These new shoots should be cut back enough to stiffen them so that they will not bend under the weight of next year's growth. This cutting back will also cause them to branch.

Remove Branches

All branches not wanted for the permanent framework of the tree should be removed. From then on it is a matter of cutting back the branches desired for permanent framework to stiffen them and cause further branching. A few undesirable shoots should be removed and the remainder should be left without pruning. By doing this Bartlett's can be brought into pretty fair production in 6 to 8 years and Anjou's in 8 to 9 years.

Good crops, of course, can not be produced until an adequate sized tree is grown. As

date than the clay soils. A good test for soil readiness is to mildly squeeze a handful of soil. If the soil crumbles when released, it is ready to prepare. If a muddy ball forms, delay working the soil.

Preparation Explained

Garden soil preparation consists of improving the soil physical condition or tilth and the soil's fertility. The tilth must be improved prior to planting whereas the fertility can be satisfied by supplemental feedings. Tilth is best improved by the incorporation of organic matter into the soil. Organic matter is supplied to the soil in the form of cover crops, manures, crop residues, lawn clippings, peat moss, leaves, straw and bark chips. Of these, manures and bark chips are best suited for garden use in this area. Crop residues, leaves and lawn clippings are also good soil additives, but are best when used via the compost pile.

Manures have long been used as soil improvers. They are high in organic matter and contain beneficial soil organisms. Cow manure is considered best for soil preparation. Since manures frequently contain weed seeds the addition of a sterilant is desirable.

Spread the manure two to four inches deep and work it well into the soil. Fresh manure should be applied at least eight weeks prior to planting. Poultry manure is very concentrated and precaution should be used in its application. Do not apply at a rate in excess of one pound per 10 square feet.

Use Bark Chips

Bark chips will last about six years in the soil and blend well. The maximum size used for incorporation into the soil should be one-half inch. Larger sizes may be used for mulching.

Additional nitrogen should be applied with the bark to insure a sufficient amount is present for decomposition. Fifteen pounds of actual nitrogen (50 pounds ammonium nitrate, 75 pounds ammonium sulfate) per ton is recommended the first year. Five pounds actual nitrogen should be applied the second and third years. The chips are spread two inches deep for each foot of depth of prepared soil. pruning is dwarfing. This adequate sized tree will be produced sooner if pruned as little as possible. It is much better to obtain growth through careful cultural practices than by trying to stimulate it with excessive pruning.

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