

FARM TOPICS

PLANT DISEASE EASILY SPREAD

Insects Are Found to Be Chief Carrier Agents.

B. C. W. HUNGERFORD

How are plant diseases spread? There is little mystery in the answer to that question, though plant scientists, entomologists, and others are constantly adding to our knowledge of the subject. Man, domestic animals, rodents, slugs, snails, birds, insects, wind and water are among the more common agencies that spread plant diseases. Insects are the most important spreaders of certain types of diseases, according to the results of tests conducted at the Idaho college of agriculture.

Perhaps you have wondered just what causes plant diseases. Plant diseases have about the same causes as diseases of animals and humans. Fungi and bacteria cause many plant diseases. Others are caused by a group of organisms known as viruses, which are too small to be detected with the most powerful microscope.

Wind and rain act as agencies for spreading many plant diseases. In some of the winter wheat growing areas of the country the spores of the stinking ant are blown in such quantities that "smut showers" occur and many thousands of spores fall on every square foot of ground. Birds may also carry fungus spores. In one case a single downy woodpecker was found to be carrying over 750,000 spores of the chestnut blight fungus.

The secret of control for many virus diseases lies in the control of insects, which are the principal means of spreading these diseases in the field. Much can be done to prevent the spread of plant diseases in general by seed treatment and by general sanitary practices around the farm. Burning of diseased plants and disinfection of pruning tools and various containers are examples of proper sanitary practices.

Silting Rate Increases In Historic York River

This historic York river of Virginia is an example of the way in which too much land in clean cultivated crops, and land worn out and abandoned because of too much row cropping, may increase sedimentation in a stream. Sediment has been accumulating in the York river during the last 27 years at a rate five times as great as during the preceding 57-year period, the soil conservation service finds.

Carl Brown, geologist in charge of the studies, says this sedimentation is the result of increased erosion on the slopes draining into the headwaters of the river—slopes on which in recent years there has been an increase in land either in clean-cultivated crops or abandoned because of too much row-crop farming.

A comparison of navigation charts prepared by the coast and geodetic survey indicating water depths on the stream in 1857 and 1911 shows that during that 54-year period approximately 5,600 acre-feet of the soil from the watershed settled as sediment in the York river estuary. Sediment accumulated at the rate of more than 100 acre-feet a year. From 1911 to 1938, when scientists of the service made soundings to determine the extent of accumulation, 15,293 acre-feet—566 acre-feet a year—lodged in the river bed.

In determining the amount and rate of accumulation, the surveyors took water depths at the same points along the river at which measurements were made in 1911.

Low Advertising Costs

Of all commodities retailed in the United States, agricultural equipment bears the lowest advertising expense. In other words, when a farmer buys farm machinery less of his money goes to defray the cost of advertising that commodity than it does in the purchase of many other advertised products. This is the finding of the Twentieth Century fund.

An advertising analysis recently conducted by the fund discloses that out of each dollar spent on farm machinery but 1.6 cents goes to advertising. This compared to 8.2 cents by tobacco manufacturers; 6.7 cents for confectionery and bottled goods; 6.2 cents for groceries; 6.1 for furniture; 4 cents for automobiles; 3.7 for clothing; approximately 3 cents for home furnishings; and 2.2 for hardware.

Agricultural News

Close observers of conditions in the farm implement industry now believe that sales for the year will probably run about 10 per cent under the 1938 dollar totals.

The oldest horse of which England has any record died at the age of 60 years. In this country, so far as we know at the moment, the oldest horse lived to be 52 years old.

MARINE CORPS TO BE EXPANDED

The U. S. Marine Corps will probably be authorized very shortly to recruit a larger number of men than it was allowed to enlist all during 1940, it was revealed by Major James B. Hardie, recruiting officer in charge of this district.

The names of a considerable number of applicants who have already been accepted have been placed on a waiting list, pending such time as they can actually be enlisted.

The quota for February will

CLASSIFIED ADS

FOR RENT—Desirable furnished cottages. Modern, close to Cave Junction. L. H. Grizzell, at Ye Rustic Inn.

WANTED—1½ and 2 inch used water pipe, up to 400 feet. H. M. Hensley, Dryden, Oregon. 38-1tp

MACK'S SEED & FEED STORE now under new management. Carries a complete line of feeds and seeds of all kinds. Make our store your headquarters

DO YOU KNOW THE VALUE of ads. They get results, and cost so little. Preaching 8 p. m.

FOR SALE — Mining location blanks, both quartz and placer and trespass notices at the Illinois Valley News office. Inquire at News office. 14-1f

NOTICE OF FINAL SETTLEMENT

NOTICE IS HEREBY GIVEN to all concerned, that J. A. Hance, Administrator of the Estate of MILDRED A. KEEGAN, sometimes known as MILDRED A. JOY, deceased, has filed in the County Court of Josephine County, State of Oregon, his Final Account in the administration of said Estate, and said Court has set Friday, the 31st day of January, 1941 at 10:00 o'clock A. M. in the forenoon of said day, in the County Courtroom at the Courthouse in Grants Pass, Josephine County, Oregon, as the time and place for the hearing on said Final Account and in objections thereto.

J. A. HANCE, Administrator of the Estate of MILDRED A. KEEGAN, sometimes known as MILDRED A. JOY, deceased. 34-38

NOTICE TO CREDITORS IN THE COUNTY COURT OF THE STATE OF OREGON FOR THE COUNTY COURT OF JOSEPHINE.

In the Matter of the Estate of JOHN P. JOHNSON, deceased. NOTICE IS HEREBY GIVEN that the undersigned M. E. Wilcox was on the 19th day of December, 1940, appointed Administrator of the Estate of John P. Johnson, deceased. All persons having any claims against said estate are hereby notified to present the same, duly verified, to W. T. Miller, Attorney for said Administrator, at his office in the United States National Bank Building, Grants Pass, Oregon, on or before six (6) months from the date hereof.

Dated this 21st day of December, 1940.

M. E. WILCOX, Administrator of the Estate of John P. Johnson, deceased. Date of first publication, Dec. 26, 1940. Date of last publication: Jan. 23, 1941.

WE NEED GOOD USED TIRES
That's Why WE CAN OFFER YOU
UP TO \$5.41 FOR YOUR OLD TIRES
DEPENDING ON SIZE



SMOOTH TIRES ARE DANGEROUS
LET US SAFETY-CHECK YOUR TIRES TODAY

A Complete Line of
U. S. BATTERIES
Duckworth
THE TIRE MAN

6th & "M" Sts. Grants Pass

most likely exceed that for this month, the major believes. Probably by March the Marine Corps will be allowed to expand to such a degree that new recruiting stations will have to be established in this district to take care of enlistments. Recommendations for the opening up of new stations at Klamath Falls, Oregon and Lewiston, Idaho have already been made. At present the Portland district maintains recruiting stations at Salem and LaGrande, Oregon, at Walla Walla, Washington and Boise, Idaho, in addition to headquarters at Portland.

Siskiyou Forest Reports Gain in Recreation Use

Recreation use on the Siskiyou National Forest has made important gains during the past year, according to Forest Supervisor Edward P. Cliff. A total of 48,000 recreationists visited the forest during 1940. This is a gain of about 10% over the preceding year.

Slight decreases were reported on the use of the Chetco and Page Creek Ranger districts, but there were substantial gains on all other parts of the forest. The Redwood Highway unit of the Gasquet Ranger District in Del Norte county, California, with 34,600 visitors, was again the heavily used part of the forest.

According to the forest rangers' annual recreation reports, 38% of all visitors entered the forest primarily for fishing and hunting.

The balance were listed as campers, picnickers, and hotel and resort guests.

According to the forest rangers' sufficient facilities in the improved forest camp picnic areas and other recreational developments in the Siskiyou Forest to accommodate a peak load of 1600 people at one time. In addition, there is a vast area of wild country covered by almost 2,000 miles of forest trails, which is available to those who prefer the wilderness type of recreation.

Travel over forest highways, roads and trails, showed marked increases during the year, it being estimated that a total of 175,000 motorists, hikers, and horsemen travelled through the forest primarily to enjoy scenery.

A large delegation from the local American Legion camp and Ladies Auxiliary attended the district conference, banquet and ball held in Grants Pass Wednesday.

Com. Has New Plan For Deer Hides

A new plan for handling unclaimed deer and elk hides held by cold storage and locker plants of the state has been announced by the Oregon State Game Commission.

Instead of destroying the hides, the various plants will ship hides to the Portland office for sale to the highest bidder. One-half of the net proceeds will be returned to the plants to reimburse

them for handling the skins. Before shipment is made, the plants will first notify the Commission office of the number of hides on hand and state police officers will then check and tag the hides before shipping.

In announcing the new plan, the Game Commission makes it clear that any individual has the right to claim the hide of a deer or elk he has killed legally and if properly tagged, he may have it tanned and made up into articles of clothing. No individual has the right, however, to sell or barter such hides.



Sale on Prints

NEW SPRING PRINTS

50 Pieces of 80-square Percale Prints, beautiful new patterns, colorings, yard 19c

OTHER PRINTS, new in styling and colorings, per-yard 10c and 15c

SHEET SPECIALS

81x99 Heavy quality sheets, guaranteed for 3 years service, special each 69c

CLEARANCE SALE IN ALL DEPARTMENTS STILL GOING ON

Golden Rule

Grants Pass

Clearance Sale HOUSEWARE Odds and Ends Table

You will save money—We will save the room and this Good Merchandise will be put to work in your kitchen at prices you will never see again. Be sure to shop this TABLE OF BELOW COST ITEMS

ENAMELED PERCOLATORS

Heavy grade, 3-coat ware. Cream and green or white and black
4-cup, reg. \$1.60, special 79c
6-cup, reg. \$1.65, special 89c
8-cup, reg. \$1.70, special 99c

Enameled Convex Preserving Kettle

Heavy 3-coat ware. Cream and green.
10-quart size, reg. \$1.20, special 79c

White Enameled Milk and Pudding Pans

Reg. 70c, special 39c Reg. 55c, special 29c
Reg. 40c, special 19c Reg. 30c, special 14c

MIXING BOWLS

Reg. 40c, white enamel, special 19c
Reg. 35c, white enamel, special 14c

3-PURPOSE DOUBLE BOILERS

Reg. \$1.49, heavy aluminum, special 99c

BAUER BOWLS

Reg. \$2.25, set of 5, special \$1.79
Reg. \$1.90, set of 3, special \$1.29

ASH STANDS, reg. \$1.50, special 89c

WE ALSO HAVE A FEW PIECES OF
Stainless Steel
COOK KING ENAMEL
QUEENSWARE ENAMEL
CAST ALUMINUM, Etc.
PRICED LESS THAN COST

ROGUE RIVER HARDWARE

"WHERE MOST PEOPLE TRADE"
Grants Pass, Oregon

What Have You?

Do you have a lot things around the house that you do not need? Why not sell them and have some extra change for shopping—A Little Classified Ad will get rid of the things you don't want. And they are so inexpensive — 5c a line with a minimum charge of 25c.

Illinois Valley News

Cave Junction, Oregon

Used Furniture

THERE ARE MANY ATTRACTIVE BARGAINS IN OUR USED FURNITURE DEPT.

Day Bed and Mattress, good coil springs \$7.95
Good Folding Bed with mattress \$5.00
Day Bed without mattress \$2.00
Upholstered Davenport, Velour covering \$7.00
Bed Springs, good condition 75c
Bed Springs, better quality \$2.00
Linoleum, felt base, 9x23 feet \$4.50
Leather Bed Davenport \$7.00
Davenport and Chair, tapestry \$28.00
Davenport and Chair, velour \$30.00
Davenport and Chair, mohair \$30.00
Dining Table, 6 Chairs, Buffet, oak \$20.00
Odd Buffet, oak \$7.50
Hall Tree, oak \$3.00
Reconditioned Vacuum Cleaners, with your old cleaner \$12.95
Carpet Sweepers, new, formerly sold for \$17.50, only 4 left, take them away at 98c

No Deliveries Made on Used Furniture

MANCHEL'S

"Furniture You'll Admire at Prices You'll Appreciate"
112-114 North Sixth Street Grants Pass