

Lane County Farmers Union News

OFFICIAL PUBLICATION LANE COUNTY UNIT NO. 14

POTATO WILT IS CHECKED IN SEED

Potato wilt is controlled in Oregon with least time and work by use of the seed plot, according to findings of the experiment station botany and plant pathology department. And no other method is so effective as three-plant roguing in cleaning up stocks infected with verticillium wilt—the common wilt.

By seed plot is meant any part of the potato crop kept separate from the main crop given special treatment for obtaining better seed for the next crop on the same farm. If proper care is given this plot it will render extensive roguing of the main field generally unnecessary. For this reason the importance of growing the seed in seed plots can hardly be over estimated.

Wilt producing organisms are extensively carried in tubers from diseased hills, so these tubers, if used for seed readily give rise to wilt disease. The verticillium wilt spreads from plant to plant in the row, apparently to near the end of the growing season. This spread, apparently underground through the root systems, may extend as far as the third plant.

Infected plants do not always show infection, apparently because infection was late. So not all diseased plants can be detected by inspection for removal, and entire control cannot be effected by roguing alone.

Planting of whole potatoes to avert infection by fusarium in the soil is said to have some advantages in districts seriously infected, since infection often comes through the cut potato. But this plan is of no value against verticillium wilt from the soil, as it comes through the roots and not the seed pieces.

Neither does the stem end appear to give more disease in the crop than the blossom end seed pieces. At most the difference is so slight as to make attempts to control the disease by planting only the eye-end pieces ineffective.

Potato wilt lives over the winter in old tubers in soil and causes disease in wilt-free potatoes. Field rotation trials show that a two-year rotation

Community News

By Special Correspondent

UPPER WILLAMETTE

A large crowd gathered to celebrate the 34th and 5th of July at Swimmers Delight the park recently opened by J. E. Jacoby south of the Coast Fork bridge a few miles east of Goshen. The three diving boards and the new chute were constantly in use. The river was crowded with bathers and the row boats were in demand.

The dance hall was constantly filled with young folks.

Lester and Wilbur Circle came over from Florence to spend the Fourth with their parents Mr. and Mrs. J. P. Circle at Enterprise.

The annual neighborhood picnic was held in the Grove at the Circle ranch Monday July 5th. Owing to the fact that many were working in the hay and grain field the crowd was not as large as usual.

Mr. and Mrs. M. E. Hays and Gladys Wheeler were down from Monmouth Summer school to spend the vacation during the fourth.

Literally hundreds of automobiles filled with pleasure seekers parked at Riverside Park the Fourth and Fifth. Swimming boating and picnicking were enjoyed by a large crowd. July 5th the Pomona Grange held their picnic at the park and had a splendid program.

Mr. and Mrs. C. F. Hyde motored to Marshfield for the Fourth.

OFFICERS OF LANE COUNTY FARMERS' UNION

- C. W. Allen, Vida, President.
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- Betty M. Kappauf, Cottage Grove, Secretary-Treasurer.
- Walter Morgan, Creswell, Conductor.
- H. H. Smith, Eugene, Doorkeeper.
- O. L. Clement, Waterville, Chaplain.

is ineffective in preventing verticillium wilt from the soil. Three or four year rotations are considered completely effective in eliminating this fungus from the soil. The best basic crop rotation for use in western Oregon is grain, clover seed, clover hay and cultivated crops.

WILLAMETTE

Three cars of Californians from San Bernardino arrived here and at Cottage Grove for a short visit with relatives. While here they will visit Mr. and Mrs. Ray Craigmiles at The W. A. Morse home. The party is comprised of Mr. and Mrs. Chas. Craigmiles, parents of Ray and Children Ruth and Charles; Mr. and Mrs. C. J. Henderson, and daughter, Edith; Mr. and Mrs. Henderson and three children and Mark Dody.

Thursday the guests will be entertained with a picnic dinner on the river by Mr. and Mrs. W. A. Morse.

They will return to California Friday. Mr. and Mrs. Ray Craigmiles and son Bonnie will accompany them and make their home in California.

TIME AND PLACE OF LOCAL MEETINGS

- Canary—First Sunday and Third Saturday, Farmers Union Hall.
 - Cloverdale—Second and Fourth Fridays, Cloverdale School House.
 - Creswell—First and Third Tuesdays, Creswell, M. W. of A. Hall.
 - Coast Fork—Second and Fourth Thursdays, Farm Union Hall.
 - Danebo—First Tuesday, Danebo School House.
 - Dorena—Second and Fourth Tuesdays, Dorena Church.
 - Hadleyville—First and Third Thursdays, Hadleyville School.
 - Heceta—First Sunday of each month, Heceta School House.
 - Jasper—Second and Fourth Wednesdays, W. O. W. Hall, Jasper.
 - Lorane—Second and Fourth Wednesdays, I. O. O. F. Hall.
 - McKenzie local, second and fourth Wednesday, 8 p. m. I. O. O. F. hall, Waterville.
 - Mt. Vernon—First and Third Wednesdays, Brasfield Store.
 - Silk Creek Meets First and Third Thursday at Cedar School House.
 - Spencer Creek—Third Friday, Pine Grove School House.
 - Trent—Second and Fourth Wednesdays, Pleasant Hill High School Bldg.
 - Vida—Second and Fourth Saturdays at Minney Hall.
- Secretaries will please send in time and place of meeting and changes of date as they may occur.

FARM REMINDERS

Small yellow masses beneath the skin of fowls is the result of infestation by a small mite, reports the O. A. C. experiment station. The mite burrows under the skin to lay its eggs then dies and is absorbed. The lime-containing masses left at the point of absorption do not injure the carcass for human consumption.

Oregon ferns are sometimes freed of the little green plant lice by frequent syringing with water under slight pressure—25 pounds—but the nicotine sulfate spray is the standard treatment, says the experiment station. Dusting with nicotine sulfate or tobacco dust is reported as effective.

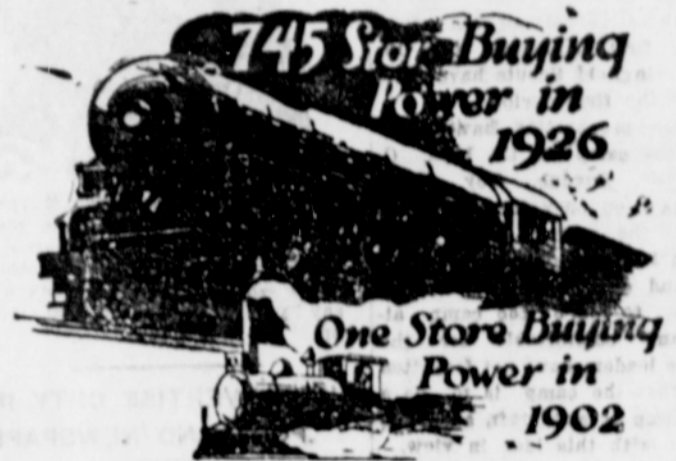
Use of hygrometers now on the markets to determine the moisture content of air in the egg chamber is not recommended by A. G. Lunn, head of poultry at the Oregon experiment station. They have not been worked out accurately and are of little or no value. Correct reading of the wet bulb thermometer requires agitation of the air, impractical in small incubators. In large air-circulation machines standard hygrometers may conceivably be used successfully.

Weak bee colonies infected with foulbrood are destroyed by successful Oregon beesmen, including H. A. Scullen, bee specialist of the experiment station. The control method preferred for strong colonies is requeening with a queen cell from a high grade Italian queen.

Blood spots in eggs are due to various causes, and often are not serious so far as the flock is concerned, says the Oregon state college experiment station. Such spots are found quite commonly in eggs from commercial flocks, and unless in un-

usual numbers call for no change in management. If they do appear in larger numbers, examination of the ration to find whether there is not something wrong with it is recommended. The cause is sometimes feeding conditional foods such as pepper.

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JULY CLEARANCE SALES

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A total of 928 accidents, including three fatalities, were reported to the state industrial accident commission for the week ending July 1. Workmen reported as losing their lives were Irwin E. Keith, car loader, Pengra; Arthur Connelly, lineman, Grants Pass; Albert H. Lewis, electrician, Portland.

Senator Stanfield indorsed an amendment to the Chamberlain-Ferris act to strike out the apportionment of 40 per cent of the proceeds from sale of the timber on the Oregon & California grant lands to the reclamation fund and divide that portion between the state of Oregon and counties in which the lands lie.

Threshing prices have been fixed in Linn county by the sack as follows: Oats, 15 cents; barley, 18 cents, and wheat, 22 cents, and by the hour, \$12 for six-team, \$14 for eight-team and \$16 for 10-team outfits. Wages will be paid as follows: Three dollars a day for sack man, \$2.50 a day for laborers, and \$4 a day for man with team.

The right of the city of Portland and the validity of an ordinance giving the right to construct the Front-street intercepting sewer and drainage system and a sea wall at a cost of about \$2,068,620 were upheld in an opinion of the supreme court in the case of the Pioneer Real Estate company, appellant, against the city of Portland.

The Stanfield bill refunding taxes on the ex-Oregon & California Railroad company grant lands since 1916 was passed by the senate under unanimous consent. It will reimburse 18 counties in Oregon and one in Washington to the extent of about \$5,000,000, according to advance estimates. The same bill has already passed the house.

Authority to construct an overhead crossing at Sixth street in Klamath Falls over the tracks of the Central Pacific railroad is sought in a petition filed by the city of Klamath Falls and the Central Pacific railroad with the public service commission. The city, it is understood, is ready to finance one-half of the construction cost, estimated at approximately \$62,000.

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