

Second Walnut Blight Control Spray Advised

Word has been received from Dr. P. W. Miller, plant pathologist, U. S. Department of Agriculture, to advise that the second walnut blight control spray should be applied to grafted Franquette and Mayette orchards located on the valley floor, announced Palmer S. Torvend, county agent. Orchards located in the foot hills above the valley floor will not be ready to spray until later, which time will have to be determined locally by each grower. In past years orchards located at elevations ranging from 100 to 800 feet above sea level have been anywhere from two to four days later than those on the valley floor.

For general use this year, according to the county agent, Bordeaux mixture 2-1-50 (2 pounds of copper sulfate, 1 pound of hydrated lime, 50 gallons of water) is advised. A summer oil emulsion at the rate of one pint of oil emulsion to 100 gallons of Bordeaux mixture should be added to the Bordeaux mixture to reduce the severity of leaf injury should conditions favor its development.

Yellow cuproide may be used as a substitute for Bordeaux mixture where convenience and freedom from injury are more important considerations than cost. Where this material is used it is recommended that it be applied at the rate of one pound in 100 gallons of water. Some good sticking and spreading agent as "emulsifier B-1956 spreader" should be added to the material to increase its adherence. This adhesive should be used at the rate of one-fourth pint in 100 gallons of spray.

Those who find spraying impossible because of shortage of labor may use dusts as an alternative. One of the dusts used in 1942, copper-lime-sulfur dust (composed of 25 per cent monohydrated copper sulfate, 55.75 per cent 300 mesh hydrated lime, 10 per cent talc or "frimite," nine per cent dusting sulfur and 25 per cent powdered spreader, such as Orvus flakes) gave exceptionally good control under the conditions prevailing last season and is tentatively recommended for use by those who find spraying impractical, Torvend said.

The modifications in the spray program which are recommended above over past recommendations differ because of wartime conditions.

For further information concerning the current spray program, consult the county agent office.



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Consider your memorial program now, and what you can do to realize it during your own lifetime. To leave to those in bereavement the questions which you alone can answer involves uncertainties that should and can be avoided. To express your taste and your judgment of family requirements by erecting a beautiful Rock of Ages memorial now is a thoughtful act that will add immeasurably to its value for posterity, and give you a deep satisfaction through the years to come.

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Dusting Advice For Peas Given

A peak flight of pea weevil occurred Monday at the trap catch at Forest Grove, according to word received by county agent, Palmer S. Torvend, entomologist. Growers are urged to check their fields of dry edible peas. Dusting in some areas where pods were formed started Tuesday. If the field is late, Torvend said, growers need not dust until pods appear. Most Alaska peas should be dusted by the middle of the week while First and East variety may be dusted later when they begin to show pods.

Torvend stressed that Austrian peas need not be dusted until the pods or two in most areas. Definite announcement will be made regarding their dusting later.

Use of one-half of one per cent rotenone dust at the rate of 20 to 25 pounds per acre applied on a warm (70°F or higher) and if possible without wind, is desirable for maximum control.

Ordinarily it will be necessary to dust the entire field of edible peas since they are sold by grade and weevil damage is an important factor, thus making it highly important that the infestation be kept to a minimum. However, growers who have large fields may find by careful sweeping that no weevil are present in the center of the field and dusting of the entire field may be unnecessary.

It will probably be advisable for growers who have already dusted the early edible peas to dust again show an average of one weevil per 25 sweeps in a week or 10 days after the first dusting.

Special Levy Vote For Schools Slated

(Continued from page 1)

cerned themselves about the school building situation here that the David Hill building is due for replacement as one of the first projects for Hillsboro after the present emergency.

State Money Cuts Tax
Amount to be raised by taxation for the operation of the schools is estimated in the budget at \$36,155. However, the district will receive \$18,852 from the new basic school support bill and the district taxpayer will only have to pay \$17,303. On district valuation of \$2,974,553.65 it is estimated that the millage would be approximately 11.5 mills, adding on the recommended three mill levy for the required heating plant and the school replacement program, the millage would amount to only 9.5 as compared with 11.5 for 1942-43, the decrease being due to money to be received from the basic school support bill.

An item of \$5,385 for cafeteria service is in the budget for the first time this year and increases the expenditure total, but this is offset by estimated receipts of \$5,000. Prior to this year the cafeteria service has been handled outside of the regular budget.

Must Maintain Good Staff
Introduction costs for the new year are estimated at \$41,543 as against a total of \$30,451 for the past year being due largely to the necessity of increasing teacher pay to maintain as efficient a staff as possible and also because of the necessity of adding two more faculty members because of greater enrollment. A part of the increase is also due to \$2,000 in the textbook budget item.

The last legislature took action making it mandatory that all school districts must now furnish standard parochial schools with their textbooks. The books necessary to make that supply will cost about \$1,000 and textbook changes for the coming school year raises the total cost for the grade schools by about \$1,000. The item of \$600 for workbooks is a new item in the budget. Formerly workbooks were bought by the district and sold to the children without running the account through the district books. This transaction with the children involves many book entries and only serves to increase the burdens of the auditor which in turn is reflected in the cost of auditing the books. Now, under new regulations, this item must be included in the budget and to offset this expenditure, a like amount appears in the school's receipts and is not an increased burden to the budget.

Increases Necessary
The teacher pay increase was prompted by the need for providing a wage scale that will prevent as far as possible the local grade schools from losing their best teachers.

Flax Growers Urged to Check Field for Weeds

Flax growers should check their fields for the presence of annual broadleaved weeds, they are planning to spray for their control, states Palmer S. Torvend, county agent.

The Washington County Flax Growers association has made arrangements to secure a certain amount of sinax spray material which the growers may obtain by contacting the Tualatin Valley Co-op in Hillsboro, according to R. Glenn Ritchey, chairman.

It is desirable to spray fields badly infested with annual weeds as it will give a substantial increase in yield and quality of flax. Spraying of flax has been done for several years in other localities and it has been found an economical practice. In the past, the practice has been to use ammonium sulphate in addition to the sinax when spraying. However, this year, because of the scarcity of ammonium sulphate, growers may have to substitute it with sodium bisulphate, magnesium sulphate, or zinc sulphate. The usual rate of application is five pounds of sinax and five pounds of ammonium sulphate per acre, usually mixed with 100 gallons of water.

Regular power spray equipment can be arranged so that spraying may be done field by field. It is advisable to apply the spray material either ahead of the equipment or out at the side, Torvend said.

For more details on preparing spray, Station Bulletin 403, "Selective Sprays for Weed Control in Crops," may be obtained at the county agent's office.

Results in the past indicate that a combination of one of the sulphate materials with the sinax gives a more rapid reaction than when the chemical is used alone. This is an important factor when weather conditions are considered.

When sinax is used alone, several hours to two or three days may elapse before the death of the weed takes place. However, with addition of the sulphate the reaction is greatly accelerated. This is especially significant when the weeds are in the early stages of growth or when the weeds are in the late stages of growth.

The rate recommended for the spray application has been found to be the most satisfactory for flax. At this rate, the weeds are effectively killed with minimum injury to the flax plants. Flax should not be sprayed before the plants have developed from three to four pairs of leaves and the ideal stage is when the plants have four to eight pairs of leaves.

The common weeds most successfully controlled are the mustard, wild turnip, farnweed, smart weed, wild buckwheat, watch, Chinese or prickly lettuce, chickweed, plantain, French pink, lambquarter, pigweed, and dog fennel.

In 1942, despite the stress of war, younger Russian readers were provided with 173 new books, and their total distribution was 36,851,000 copies.

ers to other school systems or to business at the expense of Hillsboro children. According to the most recent report of Rex Putnam, state superintendent of schools, the per pupil cost of all elementary schools in Oregon is \$97. At no time during the past six years has the per capita cost in Hillsboro elementary schools equalled that of the state average.

In contrast to the state average, per pupil cost in Hillsboro is \$87. It was pointed out that if the board of directors had available the amount of money that is represented by the difference between our cost and the state average cost, there would be little difficulty in holding the best teachers as well as other efficient employees.

Public schools are being drained of their very best teachers, according to school officials. Those who are not being drawn into the armed services or essential industries, are being taken from the smaller schools by the larger schools because of the higher wage scales.

Well Petitions Circulated
One director for a term of five years must also be named at the annual meeting. The term of Jake Weil expires this year and nominating petitions are being circulated to place his name on the ballot.

A detailed copy of the budget is printed on the public notice page of the Argus this week.

Rotarians Hear Delegates Tell Of Conference

Lester Ireland, J. H. Garrett and E. A. Griffith reported on the recent Rotary district conference at Victoria B. C. at the Rotary club luncheon Thursday with Charles L. Walker as chairman.

Mr. Ireland pointed out that there are now 94 clubs in the district with four new ones during the past year, two of them in British Columbia and one in Alaska. He also explained the plan to divide the district into 11 regions to facilitate the work of the governor.

The fourth Victory loan drive program, which was put on at Victoria while the conference was being held, was no better, if as good as the African Victory day observance here last week, according to Mr. Garrett. He told of visiting a military men stationed at Seattle, including his son, Lt. Col. Byron Garrett, Major Arthur Kroeger and Capt. F. A. Anderson, all of whom are doing important work. The army setup there looked very efficient and the men are putting in many long hours, he asserted.

The value and inspiration of such a convention was stressed by Mr. Griffith, who said every Rotarian should attend such sessions if possible.

Action was taken by the club approving the new regional setup within the district. Hillsboro is in region No. 8, which includes Vancouver and White Salmon-Bingen areas here last week, according to Mr. Garrett. He told of visiting a military men stationed at Seattle, including his son, Lt. Col. Byron Garrett, Major Arthur Kroeger and Capt. F. A. Anderson, all of whom are doing important work. The army setup there looked very efficient and the men are putting in many long hours, he asserted.

Plans for Canning Sugar Revised

(Continued from page 1)

unit have produced since March 1 of this year with sugar already obtained for home canning, either with stamps in war ration book one, or by previous application to the board.

2. The amount of sugar on hand for home canning.

3. The amount of sugar that has been obtained for making jams and jellies.

4. A statement that all sugar obtained for home canning will be used for this purpose, and at the prescribed rate—an average of one pound for four quarts of jam or jelly, and will record on the cover of each person's ration book the amount and date of sugar allotted.

Boards will issue sugar canning coupons or certificates for ten pounds less than the total requirement. If a person has a ration book with stamps in war ration book one, and will record on the cover of each person's ration book the amount and date of sugar allotted.

If application is made after October 31, the date on which stamps 15 and 16 in the sugar book expire—and no sugar has been previously granted, or bought with stamps 15 and 16, boards may issue coupons in no case more than 25 pounds per person.

Cover Spray Now For Codling Moth
Apple and pear growers in Washington county should apply the first cover spray now for the control of codling moth, reports Palmer S. Torvend, county agent. There has been a considerable flight of codling moths, and eggs have been deposited. Under ordinary valley conditions these eggs will hatch by June 1. The spray should be applied before that date.

The recommended spray, according to B. G. Thompson, associate entomologist, is powdered lead arsenate used at the rate of three pounds to 100 gallons of water. In orchards where codling moth is not a serious problem, two pounds of powdered lead arsenate to 100 gallons of water is sufficient to give control.

Calcium arsenate, used at the rate of three pounds of arsenate to 100 gallons of water, has been used successfully in the Willamette valley for codling moth control. Tests carried on by the entomology departments of the Oregon experiment station over a period of many years indicate that under Willamette valley conditions calcium arsenate is only slightly less effective than lead arsenate in codling moth control.

Thoroughness of application is essential in codling moth control. The foliage, as well as the entire surface of every apple and pear,

should be thoroughly covered with the spray solution if worm injury is to be prevented. Special care should be taken in spraying the upper portion of the tree, as more than half of the codling moth eggs are laid in the upper third of the tree.

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Boarding Houses Must File Prices

Boarding houses are under the same O. P. A. regulations as restaurants and must file prices of meals as of April 4 to 10 of 1943, according to word received from the OPA office.

Immediate filing will show that all boarding houses, as well as restaurants, in the area are falling in line with price control to assist the government in regulating living costs. Those reports should be filed at the local rationing office on South Second avenue.

Sgt. Burger on Furlough
Staff Sergeant Walter Burger was home recently on a 15-day furlough. He has been stationed at Fort Benning, Ga., for a year and had training at parachute jumping, but had to give up on account of an accident. He now has charge of a shop in the motor pool.

Corporal Folsom Home
Corporal Wallace Folsom will leave today to return to Fort Riley, Kan., where he is stationed with a hospital unit. Corporal Folsom has been visiting his wife and children here since the middle of last week.

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Leisyville Picnic Held at Shute Park

LEISYVILLE About 85 people attended the picnic at Shute park Sunday. The teacher, Mrs. J. Keane, has accepted a position as principal at Middleton.

Have Last Meeting
Ladies club met with Mrs. Keneth Hiersdorf Tuesday at Scherlin school for the last meeting until fall. Miss Faye Nichols, home demonstration agent, was present.

Finishes Course
SANTA MONICA, Cal.—James F. Whitaker, son of Mr. and Mrs. A. E. Whitaker of Hillsboro, has graduated from an intensive course in aviation mechanics at North American Aviation Factory school, Inglewood, Cal., and now is preparing to blast the Axis.

Has Brief Leave
Sgt. Edward McCourt, who is stationed at Fort Riley, Kan., with a hospital unit, left Monday to report back to duty after visiting his mother, Mrs. Nora McCourt, and brother Don, since Tuesday of last week.

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Reason, home bought in country. Might trade for country property. —Frank Pease, 529 S. 2nd Ave. 9p

FAMILY COW for sale—Henry Caffey, Stacey Ave., Aloha, P. O. Box 1102. 9p

WANT MAN with team or small tractor to cultivate grapes—2 miles west on highway. Telephone 3087. 9p

CARPENTERS and construction men desiring to work on the building of Washington County Flax plant call or write to A. H. Abbs, Commercial National Bldg., Hillsboro. 9-10

9x10 1/2 WOOL rug for sale. Call after 1-336 E. Oak St. 9

4 STEEL stanchions, 5-foot John Deere disc, like new; old rake, disc, springtooth cultivator, riding plow, good hay cutter with motor, fanning mill, 4 cows. Want milking machine.—Phone Hillsboro 3188. 9p

FRESH Guernsey cow for sale.—Carl Bechen, mile south of West Union Store. 9

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