

Willamette Valley Farmer

News and Views of Farm and Garden — BY LILLIE L. MADSEN

Walnuts Take To Addition Of Boron

Experiments Show Increase in Crops In Some Nut Groves

Boron varies in results with the type of soil on which it is applied, but it does have miraculous results when applied to walnut trees, Rex Warren, county agent in Yamhill, states.

Warren reports that soils showing outstanding results are Carlton, Amity, Willamette, Cheshala, Newberg and Melbourne. Results in Aiken and Olympic are much smaller. Experiment trials have been run extensively in an orchard near Carlton by C. E. Schuster, federal horticulturist. In these trials a small plot of trees has received 14 pounds of boron a tree over a six year period. The entire orchard in which the trials were run received four pounds of boron per tree in 1943 and four pounds in 1944. The owner of the orchard tells that the green weight of the nuts was 5132 an acre, which is an average of 343 per tree. Even with this large crop the cracked test was 93 per cent and better.

Newberg Trials

Trials in the Newberg area on one orchard show that 12 trees receiving four pounds of boron per tree in February of 1944 produced 1258 pounds of nuts, while 12 non-treated trees of the same size in the same area produced 911. This is an increase of some 38 per cent. A second planting of 17 trees in the same orchard produced 49.5 pounds of nuts per tree, while 50 non-treated trees in the same orchard produced 24.5 pounds per tree. The grower reported that from an investment of \$9 for 300 pounds of boron he received a return of \$310.

Boron, Warren says, checks the development of what is known as snake head in the tops of trees. This is described as a limb which does not leaf out normally and later in the season dies. It also reduces leaf scorch. Figures show a reduced drop of immature nuts.

Caution Urged

Growers are recommended not to use boron unless snake head appears in the trees, and if boron has been used the past year the growers should repeat with caution. If boron treated trees in 1943 show no snake head, then growers are recommended not to repeat the use of it.

If snake head appeared, then boron applications may be made in small amounts. General recommendations are that trees from 10 to 20 years of age receive from four to six pounds of boron for the first treatment. Trees eight to 15 years should receive not more than four pounds, while younger trees receive not more than two pounds. Second applications must be used carefully. Warren states that not more than one-half the original treatment should be placed on the trees the second year. He adds that boron is toxic to many plants, however, walnuts apparently are more resistant to this toxin than other plants.

Diversified Farm at Roberts Covers 600 Productive Acres

"Johnny" Roberts Turns to Beef Cattle To Add Variety to His Farm That Yields Hops, Filberts, Walnuts and Cattle Food

By Lillie L. Madsen
Farm and Garden Editor

John J. Roberts, one of Salem's best known business men, insists he is a farmer now and was once a newsboy on Salem streets.

While he has his main offices in Salem, no one would dispute his title to "farmer" as he owns and manages more than 600 acres in the Roberts station area: "Roberts Station", until 1925 was known as "Livesley Station". It was then that Mr. Roberts purchased the Livesley holdings, and the name of the station was changed to the name of the land owner on which it stood.

Few Changes Made Among Committeemen

Out of 35 AAA committeemen elected in Yamhill county, only five changes were made. The changes include the election of Roy Freeman to replace William Patten in the Amity community; Harry F. Williams to replace George Fullenwider in the Carlton community; Ross Cruickshank to replace Ersel Cubser for the Dayton area; A. L. Tangen to replace Harry Crater in Newberg and Earl Miller to replace C. N. Teegarden in Yamhill.

Community committeemen elected for each of the seven communities in the county are Amity district: George Woods, Hugh Shields and Roy Freeman; Carlton: Chris Simonson, Walter Willas, Harry Williams, Dayton: H. T. Allison, Russell S. Lehman, Ross Cruickshank; McMinnville: Fred Myhns, Lawrence Schrieber, Guy Shumway; Newberg: J. P. Jungwirth, Ralph Leffler, Aubrey Tangen; Sheridan: Jacob D. Ernst, Julius Nissen, Fred Johnston; Yamhill: Warren H. Milne, Fred Jernstedt, Earl Miller.

Delegates consisting of George Woods of Amity, Chris Simonson, Carlton; H. T. Allison, Dayton, Fred Myhns, McMinnville; J. P. Jungwirth, Newberg; Jacob Du-erne, Sheridan and Warren H. Milne, Yamhill, will meet in the county office Saturday, December 23, at 1:30 when the county committee of three members and two alternates will be elected.

The present committee consists of Fred Myhns, chairman; J. P. Jungwirth, vice chairman; Guy Fendall, first alternate, Harold Mendenhall; and second alternate, Warren Milne.

List of Seed Potato Growers in Oregon Issued on Request

The annual list of 1944 growers of foundation, certified and war approved seed potatoes in Oregon has just been released. The list may be seen in any county agent office, or an individual copy may be obtained there or direct from the farm crops department at the state college.

The list shows who has produced what varieties of inspected seed potatoes.

Additional Farm News on Page 9

Agriculturists Also Scientists

Agriculturists just hayseeds? Here are some of the recent accomplishments come out of the laboratories of the department of agriculture: A new diet for the mold that produces penicillin which has increased the yield of this drug more than 100 times; norepol, a rubber substitute produced from soybean oil; noreseal, a cork substitute from peanut hulls; a cotton bandage with a two-way stretch

Memorial to Campaign For Funds in Clackamas Committee Is Named

The George H. Hyslop memorial committee has launched its campaign for funds in Clackamas county. Rufus Kraxberger has been made county chairman. Farm committeemen have been appointed in the county to include William Tucker, Springwater; Carl Joehnk, Howard Belton and George Berg, Canby; Herman Elsel, Mackburg; Otto Lucht and Albert Eymann, Molalla; Drexel White, Oak Lawn; Robert Seaman, Marquam; Ralph DuRette, Aurora; V. C. Doppie, Liberal; and Arthur Mills, Needy. Others will be appointed soon, reports Kraxberger.

The chairman also explains that the state of Oregon is expected to raise a minimum of \$100,000,

which will be placed in the George Hyslop memorial trust fund. The interest accumulated from this fund will be used for research in agronomic problems and especially for fellowships to graduate students from this and other states who are doing research in the problems to which Hyslop devoted his lifetime.

Take Care of Odors In Dairy Feeding

All succulent feeds should be fed after milking to be safe from absorbed flavors. Feed odors can be judged by coming into the barn from the outdoor air when feed is in the mangers. If the odor is at all strong the flavor of the milk will be almost as strong as the feed odor. Strong flavors do not make good milk.

Red Clover Should Be Sold for Profit

While prices are favorable, farmers are being urged to sell to dealers or processors any red clover seed in excess of their own needs.

Even though the amount available from a farm is only five or 10 bushels, such amounts added together will go far in relieving the present acute need. Legume and grass seeds are needed both at home and for shipment to our allies. So far, not enough red clover seed is moving into commercial channels. Sufficient supplies must be acquired for lend-lease shipments within the next few weeks if they are to be received abroad in time for next year's planting.

Cattle Club Plans January Meeting

The annual meeting of the Marion County Jersey Cattle club will be held at Bethel school January 21, according to plans made at the Sunday meeting at the H. O. Nelson home. M. G. Gundersen presided and 35 Jersey breeders and friends were in attendance.

Lumber Distribution Less Than Before

Lumber for distribution on farmers' lumber certificates through county AAA committees during the first quarter of 1945 will be approximately 75 per cent of the fourth quarter allotment. Deliveries from mills may also be slower next year.

Helpful Suggestions for Last Minute Shoppers



at the Metropolitan

His

Her's

Genuine Leather Steerhide Wallets

Plenty of convenient compartments.

1 98

Lucite Dresser Set

Beautiful comb, brush and mirror in a satin-lined box.

3 98

Tie and Handkerchief Set

98c

Gift Soap

4 Floral odors in a gift box.

29c

Comb and Brush Set

2 Military brushes, comb and clothes brush in a gift box.

1 69

Fiz 'o' Foam Bubble Bath

Gift box of 25 packages

98c

Norwood Shave Set

Large size shave cream, lotion and talc.

1 49

"Charlton" Cologne

Giant size ornamental bottle

98c

"Selector" Tie Rack

Plastic rack that holds 32 ties and has a color guide.

59c

Gift Stationery

Attractive box generously filled with fine quality paper and envelopes.

98c

Men's Dress Shirts

Fast color, attractive prints.

1 98

Lace Trimmed Satin Slips

1 69



Large Size LOGGING TRUCK

Complete with Trailer

1 98

Little Red WAGON

The child's favorite.

39c

"Shirley"

She's not the dolly with a hole in her stocking, but she does have stockings, and shoes, and a cute dress and a matching bonnet and lovely blonde hair, and sleeping eyes, and pearly teeth. 17" tall and all composition.



3 98

"Western Ranger" Cowboy Outfit

Two revolvers, holsters, and belt in a gift box.

1 79

Child's Reed Rocker

Sturdy—well constructed.

Metal TREE STAND

No tools needed. Holds up to 100 pounds.

59c

"Louie the Lion" Cookie Jar

A welcome gift for any. An appealing hand painted, fine porcelain jar in an unusual design.

1 98

Gift Hosiery

Lovely sheer, 42-gauge, full fashioned rayons in the season's newest shades. First quality.

81c pair

Tiny Tot's Skirt

Fine quality serge with all-around pleats and embroidered shoulder straps. Sizes 3 to 6.

2 29

QUALITY HARDWARE AND ELECTRICAL SUPPLIES

HARDWARE NEEDS

Wards Master Block Plane No. 6..... 6.79

Weather Strip..... 10c, 15c, 1.00

Pliers..... 49c, 59c, 69c

Levels..... 89c

Hammer Handles..... 8c

Screwdriver..... 49c

6-Ft. Folding Rule..... 23c, 25c, 65c

50 Ft. No. 7 Sash Cord 59c

100 Ft. No. 8 Sash Cord 1.79

Yardsticks..... 10c

Oak Tool Chests Reg. 4.29 Special 2.98

ELECTRICAL SUPPLIES

Friction Tape..... 14c

Plastic Cord Cover..... 25c

4 In. Drop-Cord Cover..... 15c

White Enamel Collar With Cord and Switch..... 1.30

Kitchen Light 2.39 . 2.19 Complete

Montgomery Ward
155 North Liberty Phone 3194

136 NORTH COMML. ST. SALEM

METROPOLITAN