

AROUND THE FARM

BY DON COIN WALROD
County Extension Agent

Extra nitrogen and boron applied to part of his walnut orchard paid off in a heavier nut crop for H. R. Harvey, Scappoose. Instead of the usual six pounds of ammonium nitrate per tree that he uses, Harvey doubled the rate and applied 12 pounds of ammonium nitrate per tree along with 10 pounds of borax. The borax is not applied annually, as an excess can be just as detrimental as a deficiency and can even kill the tree.

Harvey recently sent in soil samples from his orchards area to the state soils laboratory, and when he did so he told us of this little experiment. The results are pretty much in line with long time experimental trials conducted by USDA research worker John Painter at Oregon State College. To date Painter's trials have shown that increases in walnut yields have come about primarily through the use of increased amounts of nitrogen. Walnuts need sunshine, too, as was evident from the results of the walnut crop of last year when a very poor crop resulted when the amount of sunshine was low.

Boron is not an element that will stimulate yields if adequate

amounts are present. Conversely, if adequate amounts are not present the walnut does not grow well and yields are reduced. This also applies to alfalfa and a few other plants that have a relatively high boron requirement.

This is a good time to look at some of these crops that need boron. Alfalfa in particular needs consideration, for many fields of alfalfa that we have seen are showing a need for extra boron. These boron deficiency symptoms in alfalfa have resulted in much research on the subject. When boron is deficient, the alfalfa leaves near the tip or growing point are yellowish and sometimes even reddened. The lower leaves usually remain a healthy green color. The plants are usually stunted as a result of a shortening of the terminal internodes.

Flowers usually fail to form and the buds appear as light brown or almost white dead tissue.

The first cutting of alfalfa is almost always without symptoms, but they become apparent in the second and third cuttings. Usually they are more pronounced in seasons of drought or dry conditions. In a wet season the yellowing and other symptoms may be masked even though there is a reduction in growth.

If your alfalfa stand is showing some of these symptoms of yellowing and stunting now, it would be a good plan to have soil tests made to determine how much boron is needed by your particular field. Without a test the amount of boron to apply can only be estimated.

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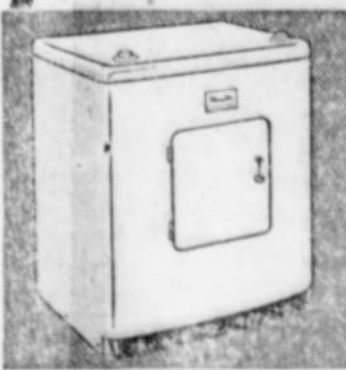
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- 1 Treat every gun with the respect due a loaded gun. This is the first rule of gun safety.
- 2 Guns carried into camp or home, or when otherwise not in use, must always be unloaded, and taken down or have actions open; guns always should be carried in cases to the shooting area.
- 3 Always be sure barrel and action are clear of obstructions, and that you have only ammunition of the proper size for the gun you are carrying. Remove oil and grease from chamber before firing.
- 4 Always carry your gun so that you can control the direction of the muzzle, even if you stumble; keep the safety on until you are ready to shoot.
- 5 Be sure of your target before you pull the trigger; know the identifying features of the game you intend to hunt.
- 6 Never point a gun at anything you do not want to shoot; avoid all horseplay while handling a gun.
- 7 Unattended guns should be unloaded; guns and ammunition should be stored separately beyond reach of children and careless adults.
- 8 Never climb a tree or fence or jump a ditch with a loaded gun; never pull a gun toward you by the muzzle.
- 9 Never shoot a bullet at a flat, hard surface or the surface of water; when at target practice, be sure your backstop is adequate.
- 10 Avoid alcoholic drinks before or during shooting.

Reprinted from WATCH THAT MUZZLE, a leaflet supplied free in quantities to anyone interested in advancing the cause of hunting and shooting safety. Send requests to SPORTSMEN'S SERVICE BUREAU, 250 East 43rd Street, New York 17, N. Y.

Anyone in Columbia county harvesting apricots? The cultural census figures for last year show that 25 farms reported having a total of 62 apricot trees. Fifty-one of these trees are young trees while 11 of them are of bearing age. The total amount of fruit harvested was reported to be 20 pounds.

This pretty well points out the fact that apricot trees are not adapted to this area. We can't blame folks for trying, but knowing that this is one fruit that we can't grow in this area may save farmers and home-owners considerable in cash paid out for

New Car. Pickup Placed In Use by Mist People

MIST — Clarence Kyser has recently purchased a new car.

The Roy Hughes have a new pickup.

Roy Hughes and Bernard Dowling were in St. Helens Saturday. Bernard brought home the yellow truck that has been undergoing repairs in St. Helens the past week since the breakdown on the run from the J & H Lumber mill to Westport.

young trees, to say nothing of the time and care given these trees to get them started.

An article from the Nutrition Council of American Feed Manufacturers association recently crossed our desk. This article warned that some feed salesmen exploit the supplement field to the detriment of the feed industry and livestock and milk producers.

They advised caution when sales promotion tactics claimed that special mixtures of minerals and vitamins would prevent or cure brucellosis and mastitis; that they will improve herd health, reproduction capacity, or increase milk production. Supplements may be claimed to contain useful bacterial cultures to stimulate rumen functions.

The council stated that such claims have little or no basis in fact.

The Norvin Wikstrom family were down from Vernonia Sunday visiting his folks, the L. P. Wikstroms.

Mr. and Mrs. Irving Knowles entertained Mr. and Mrs. Earl Doran from Seattle last Tuesday.

Ernest Lane was in the village Sunday. He stopped off on the hunting route.

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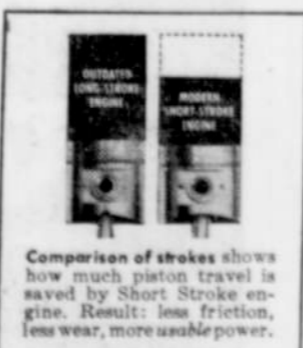
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