

Nurseryman Stresses Early Garden Care Through Proper Insect Control Steps

By J. VERNON MARSHALL
For Rogue Valley
Nurserymen and Growers
March - Spring is here. Now we can plant an early vegetable and flower garden. For vegetables, cabbage, swiss chard, lettuce, onions, beets, carrots, etc., and early blooming flowers, that may be used as a border include primroses and pansies. However, primroses should be planted on the shady side. All this gardening means a lot of work, so we should protect our investment, by turning our attention to the common plant enemies and their control. Some of the more common plant enemies are aphid, leaf

lyer, mildew, red spider, rust, stem rot, midge, thrips, mealy bug, mite, black spot, leaf roller, sawbug, cutworms, millipedes. Today there are a 100 or more insecticides and fungicides and about ten times as many insects and fungi varieties that may result in ailments and oftentimes crop ruination. Soil Sterilization Sterilization of the soil is effective in sweetening the soil and freeing it of injurious pests. The home gardener, not equipped with proper facilities for sterilization, should at least apply a good dose of Botano, and work it into the soil according to the direc-

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tions on the package before planting. This is a good fungicide as well as insecticide, and will destroy sawbugs, worms and practically all other insects usually present in the soil, and the same results follow when it is applied to growing crops either indoors or outdoors on the surface of the soil between the plants. If you would rather use liquid sprays, Malathion or Vapor-tone, are good. Or, you can use 50 per cent DDT which is a wettable powder and may be used either as wet spray or dust. Any amount of sprays and fungicides may be purchased at your garden store or nursery. Also, start feeding the early garden every other week during the growing season with a good organic fertilizer, such as Liquinox or Rapid Gro and do a better job and do it much faster purchase a garden gun from your nursery or garden store and feed these fertilizers with the help of a garden hose.

Ag Engineers Work On Seeding Methods

Corvallis - Oregon seed growers stand to gain millions of dollars from improved methods and machines being developed by agricultural engineers at Oregon State college, predicts Norman Goetze, OSC extension farm crops specialist. U.S. department of agriculture researchers, headed by J. E. Harmond, are recovering much of the grass and legume seed that's usually lost because of field shattering, processing damage, and weed contamination. Losses—running as high as 50 per cent—are expected to be greatly reduced. The seed growing industry now is worth \$20 million to \$30 million a year in Oregon. The research is being conducted at Corvallis in a seed research laboratory operated cooperatively by the OSC agricultural experiment station and the USDA's agricultural research service. Here are some of the experimental developments that are expected to save much of the \$200 million worth of grass and legume seed produced in the U.S. and \$15 million more imported each year. 1. Farmers who cut birds-foot trefoil at the first signs of shattering and cure it in loose bales or shocks prior to combining can reduce shat-

ter losses 32 per cent. Similar savings result by combining trefoil in windrows on wide sheets of plastic. 2. A moisture meter for use by farmers to indicate when grass and legume crops are prime for harvest. 3. A fluidized method of conveying seeds without mixing or damaging them. 4. A device that separates seeds depending on their ability to hold an electrical charge. 5. A machine that separates tiny pigweed seeds from alfalfa. Pigweed contamination now costs the seed industry millions of dollars a year. 6. A vibrating seed separator that makes use of differences in seed shape, surface texture, and weight to separate seeds. It separates sweet vernal grass from rye grass, curly dock from Crimson clover. 7. An experimental one-story farm seed-cleaning plant that makes possible reduced labor and maintenance costs as well as conveying seed without damage or mixing. This plant will help farmers meet tighter requirements for purer seed and less processing damage. 8. A six-row planter, adapted to a push-type tractor, that both plants single seeds and applies fertilizer at exacting predetermined rates.

Vo-Ag Dept. Schedules Tour

Eagle Point - The adult education class sponsored by the Eagle Point vocational agriculture department will hold a tour Saturday, March 5. The tour will leave the Eagle Point Vocational Agriculture building at 9:30 a.m. to see several farms and ranches in the Eagle Point area. Sack lunches will be needed according to Nat Etzel, vo-ag instructor. The tour will end at 3:30 p.m. The tour marks the end of the session on soils, irrigation and drainage, Etzel said. Proposed tour route will include Little Butte group work near Nichols creek, Jim Gates conservation development e n t s, Jess brothers stream bank protection, Lazy L ranch livestock management and Ed Hayes land preparation and dairy. Anyone interested in making the tour may come, Etzel said.

FINE FOOD BUYS

Del Monte Sale Continues!

- 20-oz. CATSUP 4 for \$1.00
- No. 2 1/2 Yellow Cling Peach Halves 3 for 95c
- No. 2 1/2 Sliced Yellow Cling Peaches 3 for 95c
- 46-oz. Grapefruit Juice 3 for 1.00
- 46-oz. Pineapple Juice 3 for 95c
- 46-oz. Pineapple-Grapefruit Juice 3 for 89c
- 46-oz. Orange Juice 2 for 79c
- Quart Prune Juice 2 for 85c
- 303 Green Cut Beans 4 for 79c
- 303 Early Garden Peas 4 for 79c
- 303 Cream Corn 4 for 65c
- 303 Whole Kernel Corn 4 for 73c
- 20 - oz. Catsup 4 for 1.00
- 14-oz. Catsup 4 for 73c
- 8-oz. Tomato Sauce 8 for 69c



- No. 303 SPINACH 4 for 53c
- No. 303 Tomato Sauce 4 for 55c
- 303 Blended Asparagus 3 for 83c
- 303 Peas and Carrots 4 for 79c
- 303 Tomatos, solid pack 4 for 89c
- No. 1 Sliced Pineapple 5 for 89c
- No. 1 Flat Crushed Pineapple 5 for 89c

- ### KELLOGG'S BREAKFAST SPECIALS
- Corn Fakes, 18-oz. pkgs. 35c
 - Kellogg's OK's 29c
 - Kellogg's Variety Pak 47c
- Watch for Coupons in Your Mail

- ### Spreckel's SUGAR SALE
- 5 lb Bag 59c
 - 25-lb. Bag \$2.69
 - 1 lb. Brown 6 for 89c
 - 1 lb. Powdered 6 for 89c
 - 1 lb. Super Fine 6 for 89c

- ### Salad Dressing
- Kraft's Miracle Whip
- pints 35c
 - qts. 59c

- ### PORTER
- 14-oz. Package

- ### Macaroni
- Elbow Cut
- 2 for 25c

- Arden's ICE CREAM quart
- Crispi Apple Pie - 8 Inches
- Both for 89c

- ### HUNGRY JACK
- ALL PURPOSE FLOUR
- 10 lb. Sack 98c

LOCKER BEEF

Swift's Premium or Klamath Fed GOOD or CHOICE

1/2 BEEF

Cut and Wrapped for Locker

53c

lb

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OK's Best Fresh

\$1.19

2 1/2 to 3 1/2 lbs. Average

Wieners

Hormel's

2 89c

PKGS.

Bacon

Oregon Thick Sliced

49c

lb.

Try It With Pancakes and Hungry Jack Syrup

Grapefruit

48-Size Indian River

Whites DOZ. 79c

Cauliflower

Snow White

23c

HEAD

Bananas

Golden Ripe

2 lbs. 29c

ASPARAGUS

Small Size

29c

Cabbage

Medium Size

Heads

5c

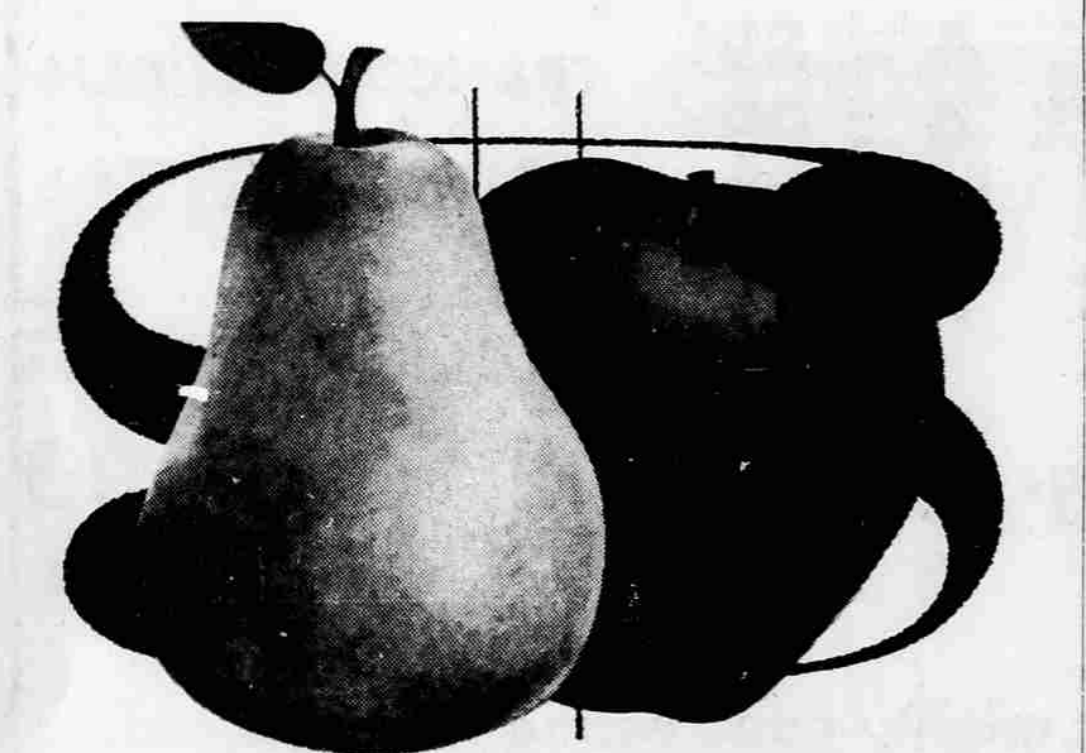
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Acid soil can rob you of fruit tree profits three ways. 1. It can slow the conversion of ammoniac nitrogen to usable nitrate forms. Even with heavy applications of ammoniac nitrogen fertilizer, fruit trees can actually starve. 2. Because of low calcium, acid soil is susceptible to compaction and puddling. Feeder roots may become water-logged and die. 3. Excess acidity can cause the formation of toxic chemicals highly dangerous to living tree roots. Viking Ship Calcium Nitrate can help you fight these acid-soil dangers. The fast-acting nitrate nitrogen in Viking Ship is available without conver-

sion. Unlike ammoniac forms, nitrate nitrogen is not trapped in upper soil layers. It moves with water to the root zone where it can go to work immediately to give trees a vigorous start, help them set big crops. Viking Ship also provides 20% water-soluble calcium* that helps counteract soil acidity. By improving soil structure, it helps prevent compaction, so that tree roots can forage easily for nourishment. And Viking Ship is easy to apply. It can be spread evenly or metered accurately in irrigation water; it dissolves quickly; it leaves no residue. Ask your fertilizer dealer for complete information about Viking Ship Calcium Nitrate. *Equivalent to 28% lime expressed as calcium oxide.

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