

Horticultural News

GETTING FACTS ON APPLE PEST

(Prepared by the United States Department of Agriculture.)

The codling moth is a troublesome insect enemy of apples, prevalent in most of the apple-growing regions. A special appropriation for meeting the situation in Kansas was made available to the bureau of entomology July 1, 1926, but in order to cover an entire season work was begun in co-operation with the Kansas Agricultural college during the spring. Damage was especially severe in Kansas and the Ozarks during the preceding season, and it is hoped that these studies will throw much light on the codling-moth problem throughout this region. Field experiments in control are under way at the Bentonville (Ark.) laboratory, which include the testing of arsenicals applied in various dosages and at various times, and of ovidical and larvicidal materials. Questions relating to the quantity of spray residue on fruit at harvest time are being studied at the Yakima (Wash.) field station. Tests of a large series of baits for moths in the orchard and in packing sheds are also being made. An apple ferment has been found to be the best bait material of those tried, though a ferment of molasses and yeast is also good. None of the essential oils tested shows much promise.

At the Silgo (Md.) laboratory the feeding habits of the codling-moth larvae are being studied, especially those just hatched. The development of insecticides other than arsenicals is being attempted.

Variety of Apple Trees

Changed by Top-Working

"Apple tree varieties may easily be changed if the grower wishes to follow directions and use a little care in his work," says Prof. G. W. Peck of the New York State College of Agriculture at Ithaca.

"The undesirable Ben Davis may be top-worked with some variety of real quality, such as McIntosh or Spy. Grafting may also be used to get another variety of fruit on an isolated plum or pear which does not bear because of lack of pollination.

"Any one may graft fruit successfully if he will take well-matured one-year-old terminal growths from known bearing trees, keep the scions dormant, graft when growth is just starting, and be sure that the growing or cambium tissues of the stock and the scion come in contact so as to insure a union."

Failures of grafts may often be laid to the neglect of the grower to be sure about this union, and another important point is the careful placing of wax over all cut surfaces immediately after the graft is placed. This is to keep the cut from drying out. For best results, scions should be set within a few days at a time when the first leaves of the tree become from a quarter to half an inch long. Warm weather should be selected for the job.

Parasite of Gypsy Moth

The Department of Agriculture has recently introduced into the United States a parasite of the gypsy moth which is particularly promising. This insect is called *Compsilura concinnata* Meigen. It lives on about 100 host insects. It has now been studied for eight years by experts of the Department of Agriculture, and these authorities feel that the insect will prove of great benefit. It will not only check the spread of insects of the kinds it was intended to control, but it has also shown ability to combat other dangerous insects in this country.

Horticultural Notes

A good raspberry plantation will be profitable for six to ten years.

Ordinarily the quantity of fruit and vegetables used on the farm is in direct proportion to the quantity raised.

In pruning see that dangerous crotches and crowding of limbs are eliminated from young trees to avoid breaking down when the trees come of age. The earlier this shaping is done the less shock to the trees.

Cutting the firewood with a carpenter's saw is just as sensible as using one to prune the fruit trees. Buy and use a good pruning saw. Efficient tools make it easier to do efficient work. Ninety cents for a pair of hand shears and a dollar and a quarter for a saw is an investment justified even in the home orchard.

Black walnut trees seem to be poisonous to apple trees, if planted near them. They are also harmful to tomatoes, potatoes and corn.

After all rotten apples, pruned limbs and other refuse have been cleared up about the orchard, give your trees a thorough spraying.

In pruning gooseberries and currants, remember that they bear fruit on wood that is two years old, instead of last year's growth as with raspberries and blackberries.

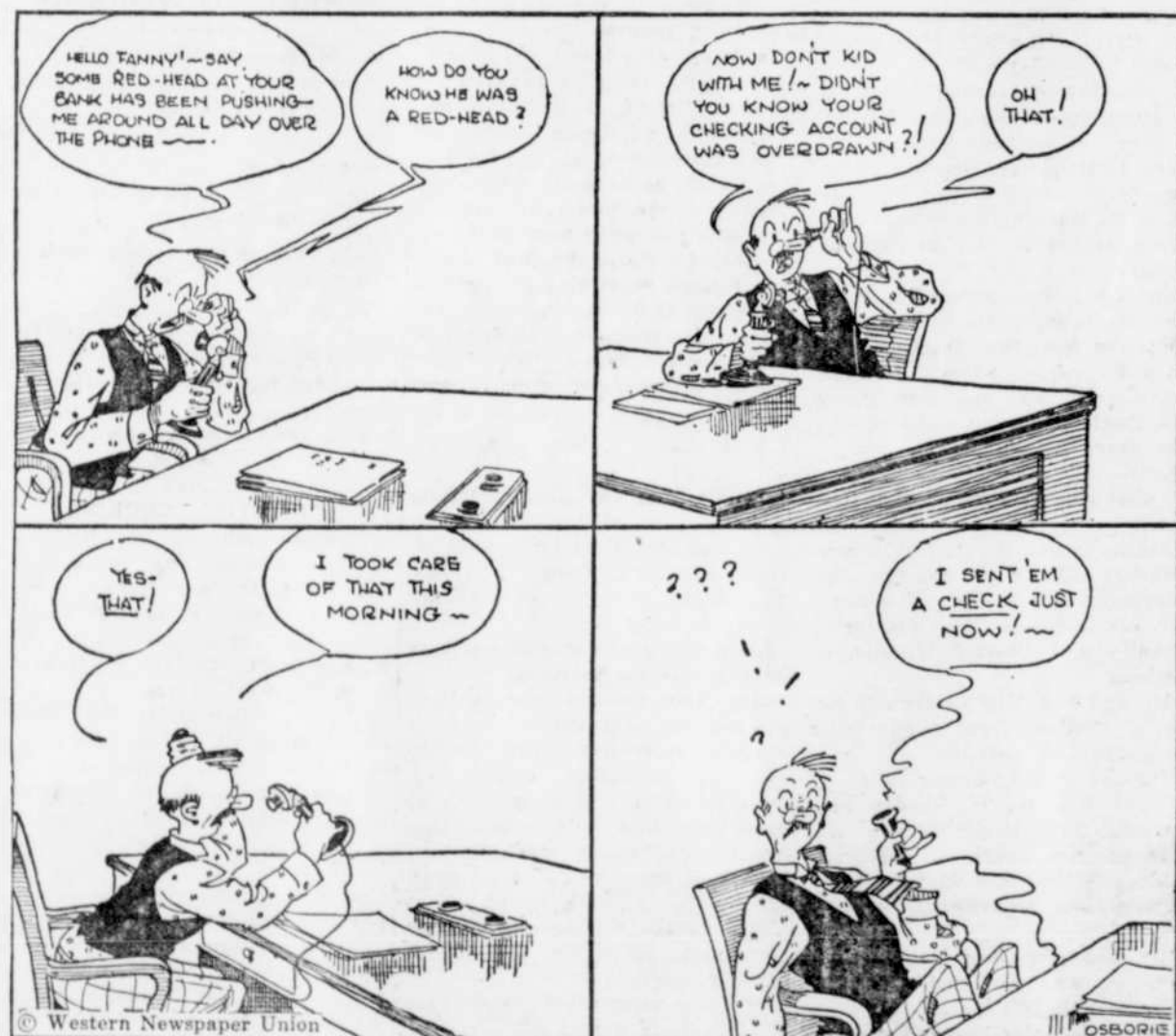
OUR COMIC SECTION

Events in the Lives of Little Men



THE FEATHERHEADS

Another N. G. Check



MICKIE, THE PRINTER'S DEVIL

Answers the Description



CUTS MORE SLICES TO THE LOAF

An ideal slice-size for toasting, sandwiches and children's between meal snacks.

ECONOMICAL FOR LARGE FAMILIES

The same Holsum quality that won the Harry M. Freer Trophy the second time in two years. The same price as the regular large loaf.

Sold at Your Favorite Grocery and Restaurant in Estacada and Vicinity.

HOLSUM LONGLOAF
Newest member of the Holsum family

PROFESSIONAL CARDS

W. A. Heylman Wm. W. Smith
ATTORNEYS-AT-LAW

We will take care of any legal business you may have
Insurance, Loans and Collections

DR. W. W. RHODES
OSTEOPATHIC
PHYSICIAN AND SURGEON
Office in Lichthorn Bldg. Estacada

DR. CHAS. P. JOHNSON
DENTIST
Evenings by Appointment
Phones: Office 315, Residence 5051
Estacada, Oregon

S. E. WOOSTER
Real Estate, Loans, Insurance
Rentals
Farm Loans a Specialty
Telephone Estacada, Oregon

J. D., D. C. and E. C. Latourette
ATTORNEYS
Practice in all Courts.
First National Bank
Oregon City, Oregon

O. D. EBY
ATTORNEY-AT-LAW
General Practice. Confidential
Adviser.
Oregon City, Oregon

DR. G. F. MIDFORD
PHYSICIAN AND SURGEON
X-Ray Equipment, Glasses Fitted,
Office and Residence Second and
Main Streets, Estacada, Oregon
Telephone Connections

GATES FUNERAL HOME
Gresham 2471
ED LINN AT LINN'S INN
AGENT
Estacada, Oregon Phone 543
J. E. GATES

If you want what you want
when you want it—in the printing
line—
WE HAVE IT!

SLANGUAGE

Parole your peeve.
She's an optic orator.
He is a neutral pronoun.
Unroll some brain fabric.
Too honest to steal away.
He runs his brain in low gear.
Even his jokes have jaundice.
Blow into my Igloo some time.
Tickle your eardrums with that.
Who's uncalled-for bundle are you.
He thinks an alienist is a foreigner.
You're only a freckle on this planet.

Trace a bee-line from here to anywhere.
So dumb she thinks the furnace is gone when it's out.

NEW INVENTIONS

A motor propelled buoy that can be used to carry two swimmers through water is a Californian's invention.
Turning a new gas range valve even slightly lights automatically the burner that it serves, preventing danger from leaking gas.
The use of heat is not needed with a new sealing wax that is sold in metal tubes and soon hardens on exposure to the air.
A motor-driven pump that can be placed in any tub to convert it into a washing machine by agitating the water it contains has been invented.

HALOWAT

Guaranteed RADIOS

MADE IN OREGON

Let me demonstrate this western-built Radio in your own home

See me for A and B Batteries

Clyde Schock
Phone 69-7

PLUMBING

Pipes and Fittings
Get our prices before you buy
Dryer Pipes Made to Order
For Sheet Iron Work, repairs, Soldering and plumbing, call at the
AMES SHOP
MAIN STREET

Advertisers will find this paper an excellent medium in which to display their bargains and make their wants known

VAN'S BARBER SHOP
Near Depot
Ladies' and Childrens' Hair Cutting a Specialty
Hair Cut 35 Shave 15
L. V. Van Slyke, Prop.

RUSSIAN SAYINGS

You must sing his song on whose cart you ride.
Fools quarrel over the booty while the wise divide it up.
The rich man eats when he wants to, the needy when he can.
Fools are neither ploughed nor planted, but grow of themselves.
A fool can throw a stone into the water, but ten wise men won't get it out.

EPIGRAMS

An expert is merely an ordinary person away from home.—Edward G. Stone.
In this life, alas, there are many more feet than ladder rungs.—Maurice Donnan.
I don't like to think of the past. That's for women and scenario writers.—Jim Tuhy.
Travel has destroyed the traveler and there is nowhere for the pilgrim to go save on a spiritual journey.—G. K. Chesterton.
Methuselah passed away in the year of the flood; there is no telling how long he might have lived under a dry regime.—Bruce Barton.
Taking an average of theft, and dividing it by the population, it appears that the average man has stolen only \$2.25.—Stephen Leacock.