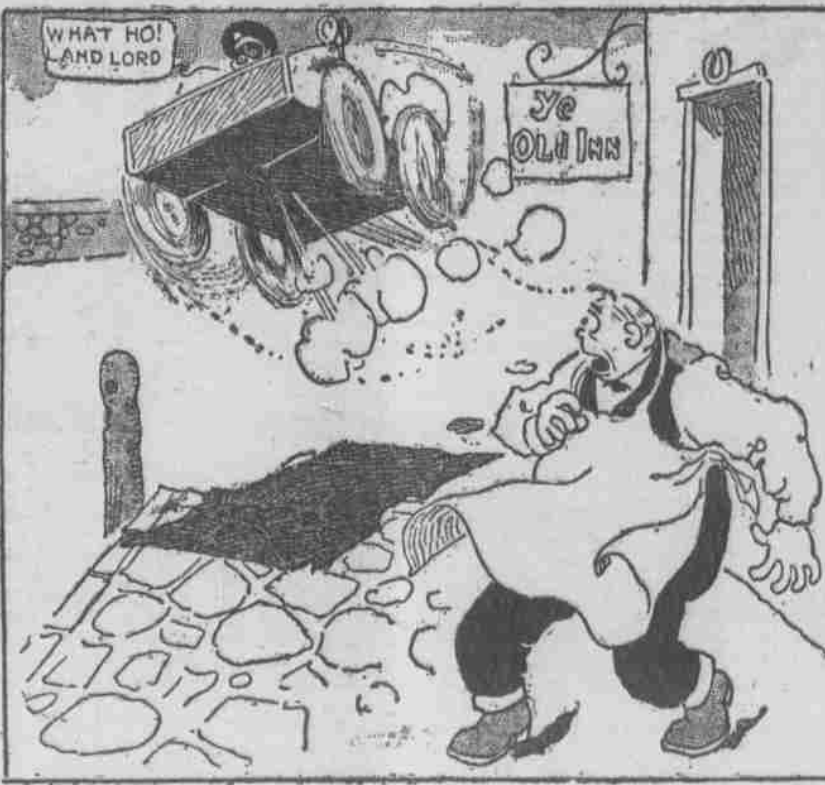
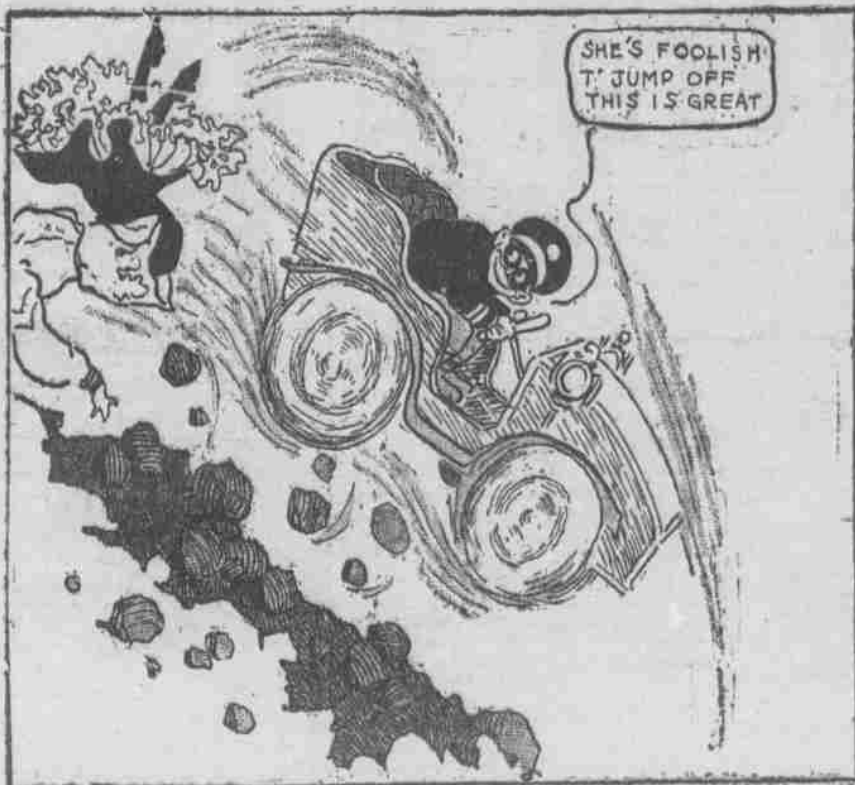


# JOHNNY ON THE SPOT APPLIES FOR ANOTHER POSITION.



386 International Cartoon Co., N. Y.

## Spraying for Brown Rot of Prunes and Cherries

Washington, Mar. 11.—Suggestions which may help growers of the lower Columbia and the Willamette valley to reduce losses of their prunes and cherries from brown-rot will shortly be published by the U. S. Department of Agriculture in a professional paper, Bulletin No. 368, of the Departmental series, by Charles Brooks and D. E. Fisher, of the office of fruit-disease investigations in the bureau of Plant Industry.

The recommendations, which call for repeated sprayings at certain times with self-boiled lime-sulphur or Bordeaux mixture combined with resin-fish-oil soap to make them stick and spread, are based largely on promising results obtained in experiments during the last season in the orchards of A. W. Moody at Felida, Wash. The results are published not as final conclusions but to give growers the benefit of such knowledge as was obtained, in the belief that the spraying system recommended is well worth careful trial.

Observations for a number of seasons have shown that the apothecia, a stage of the fungus that develops from the fallen prunes, is the probable source of the blossom infection with Monilia blossom blight. Fall plowing and early spring cultivation ahead of the blossoming period have apparently helped in preventing the disease by interfering with the development of the apothecia.

In the spraying experiments the early applications of spray were washed off, which showed the importance of the addition of a sticker, but even under rather unsatisfactory conditions, spraying has given fairly good results. The prune plants given both early and late spraying with self-boiled lime-sulphur set from two to five times as much fruit as the unsprayed ones, and gave a yield of two and a half times as much and had one-ninth as much brown-rot on the harvested and one-eighth as much on the stored prunes.

In spraying, self-boiled lime-sulphur 8-8-50 and Bordeaux mixture 4-4-50 have both given good results, but the former has seemed somewhat more satisfactory. Two pounds of resin-fish-oil soap should be used to each 50 gallons of the mixture. Where this soap cannot be readily obtained, it may be made up as follows:

Resin	5 pounds
Potash lye, such as is sold for washing purposes	1 pound
Fish-oil	1 pint
Water	5 gallons

The resin is dissolved in the oil by heating in a large kettle. After this has partially cooled the potash is added, the mixture being slowly stirred and carefully watched to avoid its boiling over. A part of the water is now added and the boiling continued until the mixture will dissolve in cold water. This will require about one hour. The remainder of the water is then slowly added and the mixture thoroughly stirred.

This soap was found very valuable in making the spray spread and adhere to the fruit. The soap, however, cannot be used with commercial lime-sulphur.

**Spraying Schedule.**

Several years' results will be necessary as a basis for any final recommendations, but in so far as the season of 1915, when rainfall was below normal at the critical seasons for this rot, was typical, the following schedule of spraying may be suggested:

The first application just before the blossoms open.

The second just after the petals have fallen.

The third when the husks have fallen.

The fourth about four weeks before harvesting.

The first and the fourth applications have been found especially important during the past season.

**Blossom Infection of Cherries.**

Observations made near Vancouver, Wash., and in the vicinity of Salem, Oregon, in April, showed that there had been a blossom-infection of cherries similar to that already described on prunes. It appeared that most of the infection had taken place after the petals had fallen but before the fruit had a chance to push through the husk. Black Republican cherries seemed especially subject to infection, estimates indicating that on this variety fully 90 per cent of the blossoms were infected with Monilia. In many orchards at least

**CRACK AMERICAN TRACK-MEN COMPETE TODAY**

(By United Press.)

Philadelphia, Mar. 11.—Some of the greatest track men in the country will compete here today in the annual Meadow Brook club indoor meet at Convention hall in which the Millrose, Irish American and New York athletic clubs of New York have entered their entire teams. Joe Loomis, the Chicago speed master, Ray Morse, Howland Drew, the negro flash, and Brewer of Washington, also are among the entrants. Keenest rivalry exists between the New York clubs alone and the dash events especially are expected to bring out star showings.

75 per cent of the blossoms of other varieties were similarly infected.

The work as yet has not been carried out as fully as could be desired. It seems evident, however, that the Monilia blossom blight was the cause of serious losses in the Willamette valley in the season of 1915, and that the brown-rot of the fruit was the cause of considerable loss at the canneries and heavy losses in the shipping of fresh fruit.

The spraying experiments with chetries were begun late in the season. No early sprayings were made and therefore no results were obtained on the effect of spraying upon the blossom infections. The brown-rot at the canneries and in storage, however, was greatly reduced by late applications of Bordeaux mixture and self-boiled lime-sulphur. With the Royal Ann cherries better results were secured with Bordeaux mixture than with the self-boiled lime-sulphur.

It seems probable that a treatment for cherries similar to that outlined for prunes would give satisfactory control of both the blossom infection and the later brown-rot attacks on the fruit.

**THE TINTINABULATION OF THE TINS.**

Portland, Or., March 10.—National Canned Salmon Day is being celebrated throughout the Northwest today with exhibits in all the packing centers and suggestions for other National Canned Days: National Canned Music Day, National Canned Drama Day, National Canned Employees' Day.

**RUB RHEUMATIC, ACHING JOINTS AND STOP PAIN**

**Instant Relief With Small Trial Bottle of Old, Penetrating "St. Jacobs Oil"**

Rheumatism is "pain" only. Not one case in fifty requires internal treatment. Stop druging! Rub soothing, penetrating "St. Jacobs Oil" right into your sore, stiff, aching joints, and relief comes instantly. "St. Jacobs Oil" is a harmless rheumatism liniment which never disappoints and can not burn the skin.

Linger up! Quit complaining! Get a small trial bottle of old, honest "St. Jacobs Oil" at any drug store, and in just a moment you'll be free from rheumatic pain, soreness and stiffness. Don't suffer! Relief awaits you. "St. Jacobs Oil" is just as good for sciatica, neuralgia, lumbago, backache, sprains.

**Annual Inspection of Company L, O. N. G.**

(Capital Journal Special Service.)

Dallas, Or., March 11.—The annual inspection of Company L, O. N. G., was held in the Armory Thursday evening. Lieutenant K. P. Williams of the United States Army acted as inspecting officer and complimented both officers and men on the appearance of the company. The company made 100 percent on attendance, every member and officer being present. After the inspection a short time was devoted to non-com. school after which the company repaired to the Gail hotel where a sumptuous banquet was served. With the opening of the spring weather more interest is being taken by the local militia and an effort is being made to increase the number of men in the company. E. K. Piasecki, who recently passed the examination for lieutenant, is an enthusiastic worker and has already enlisted the support of the men of the company to try and make Company L the crack company of the state guard.

John R. Mills Passes.

Word was received in Dallas, Thursday morning telling of the death of John R. Mills at his home in Salem at 10:30 that morning. Mr. Mills was formerly a resident of this city being connected with the Observer editorial staff. He made many friends while

here who will be deeply grieved to hear of his death. He leaves to mourn his death his wife, who was formerly Miss Dena Ridgway, a niece of Mrs. J. L. Sweeney of this city. Funeral services will be held Saturday and the body will be taken to Portland for interment. Mr. Mills was a member of Jennings Lodge, No. 9, A. F. & A. M., of Dallas.

**Farmers Union Formed.**

A Polk County Farmers' Union was formed at a meeting of seven of the county locals of the Farmers' Co-operative and Educational Union of America held in the court house Wednesday. The meeting was called upon the advice of State President J. D. Brown, who pointed out that much good could be accomplished by such a union. The forenoon was devoted to speeches by Mr. Brown and several other members of the Union. W. V. Fuller spoke on the canning proposition and told the Union that the Commercial Club of Dallas was anxious to get the co-operation of the farmers in an endeavor to establish a cannery in this city. In the afternoon the permanent organization was completed and the following officers elected: President, E. F. Rodgers; vice president, C. C. Ganner; secretary and treasurer, A. G. Rempel.

Mrs. Libbie E. Holmes has filed suit for divorce from her husband, Oscar E. Holmes. Oscar Hyter is attorney for the plaintiff.

Mrs. Dolly Byerley returned to her home in this city Wednesday after an extended visit with relatives in Forest Grove.

Miss Vera Burns, of Portland, was a Dallas visitor the first of the week at the home of her mother.

J. A. Boyd, of Crosswell, Oregon, is a guest at the home of Mr. and Mrs. Sam Ray.

M. R. Young and son, grocers, have commenced the erection of a store building in West Dallas.

Mrs. Conrad Staffin and Mrs. Ida Manston left Wednesday for Kalama, Washington, where they were called by the illness of Mrs. Christy Staffin.

W. L. Hughes returned this week from a short business visit in Portland. John Sweeney was in Salem, Thursday and Friday, being called by the death of John R. Mills.

Glen O. Holman and Walter L. Toole, Jr., were business visitors in the Capital City this week.

Oscar Wilson of Salem visited with relatives in Dallas the first of the

**"My poor lady's foot is again beautiful"**

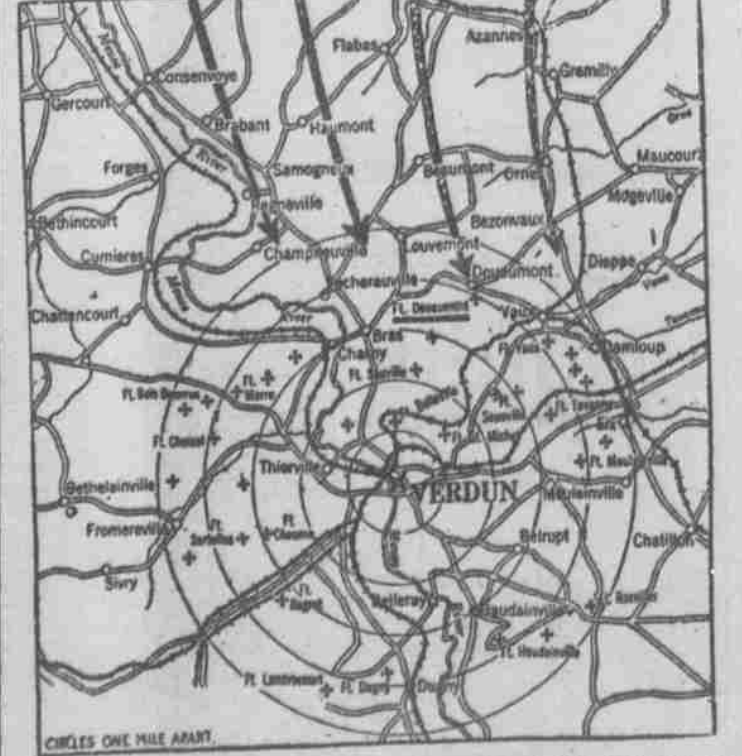
What a joy and comfort to be able to wear those nice, new shoes without one wee bit of pain. A trim, neat foot is a joy forever—an aching, suffering foot is an abomination. Why continue to suffer foot tortures and the discomfort of ill-shaped shoes when "Bunion Comfort" is guaranteed to give you

**Instant Bunion Relief**

—and permanent cure. Over 75,000 cases cured last year—it really works wonders. "Bunion Comfort" instantly stops all inflammation and gradually reduces the tumor, layer after layer, without any pain, until, lo and behold, your bunion has disappeared. Buy a box today—use two "Bunion Comfort" and if you are not satisfied, we will give you back your money. "Bunion Comfort" has worked wonders for others—they can serve you too—they cost more than cheap pads and "immediates"—but they're worth many dollars to you for the real comfort they bring.

**J. C. Perry, Druggist, 115 S. Commercial Street**

## VERDUN, "GATEWAY TO PARIS," ONE OF FRANCE'S FOUR EASTERN BULWARKS



Verdun is one of the four great fortresses intended to protect France against attack from the east. It lies directly opposite the German entrenched camp of Metz and the frontier of German Lorraine. There is direct railway and highway communication with Paris, 153 miles to the west, and the fortress has been known as the "Gateway to Paris."

**DO YOU FEEL HEADACHY? LOOK TO YOUR STOMACH**

It is an unusual thing for a druggist to sell medicine under a guarantee to refund the money if it does not cure. Yet this is the way Daniel J. Fry, the popular druggist, is selling Mi-o-na, the standard dyspepsia remedy.

Never before has he had so large a number of customers tell him that a medicine has been successful as with Mi-o-na. A few months ago looked like walking skeletons have put on flesh and today are ruddy and vigorous with perfect digestion and good health.

There is no longer any need for anyone suffering or making their friends suffer on account of dyspepsia. Mi-o-na can always be relied upon. The percentage of cures is so great that there is little risk to Daniel J. Fry in guaranteeing to return the money if the medicine does not relieve. And he stands ready to do so without any questions.

Headaches, all forms of indigestion, specks before the eyes, dizzy feeling, poor sleep, ringing in the ears and all forms of liver trouble are helped by Mi-o-na. A few days' treatment should show considerable gain in health while a complete cure often follows rapidly.

These days are the best in the whole year for the enjoyment of good health, and Mi-o-na will put you in such perfect condition that you can enjoy every minute of them.

As a Rule our Want Ads Bring just the results you want Try one to-morrow and see if you don't get just what you want

**PECULIAR FACTS ABOUT WELL KNOWN PEOPLE**

Washington, March 11.—Hamilton Lewis, of Illinois, is the only senator who can wear a hard-boiled shirt in the morning without arousing suspicion that he attended a function the night before.

**Suppose You Could**

AT ONE TIME SEND THOUSANDS OF WIRELESS INQUIRIES FOR A PARTNER, BUYER, SALESMAN OR POSITION. YOU WOULD GET RESULTS! THAT'S THE IDEA OF CAPITAL JOURNAL WANT ADS. THEY GO STRAIGHT TO THE PEOPLE YOU WANT TO REACH—THEY PRODUCE RESULTS—AND THE COST IS SMALL.