

# Farmers of Jackson County Start Campaign Against Many Insects

Open warfare is in progress between insects and farmers of Jackson county, according to W. B. (Ben) Tucker, county agricultural agent.

Particular targets of the anti-bug campaign are green aphids, cut worms, alfalfa weevils, lygus bugs, grasshoppers, tent caterpillars, spotted alfalfa aphids, loose smut and Army worms.

Green aphids, commonly called pea aphids, are the worst attackers in alfalfa fields, Tucker explained. They are fairly common here at this time of year, but the infestation is considered far worse than normal this season.

**Puncture Stems**  
The insects puncture plant stems and suck the juices, which causes wilting or premature dropping of blossoms. The aphid is also responsible for several bushels per acre reduction in harvests of oats and barley.

Tucker said large yields were expected early in the season, but as harvest got underway in the Jacksonville area, many kernels were found to have shrunk and others were blank as the result of aphid attacks.

For control of the pest, the county agent recommended 15 to 20 pounds per acre of 4 or 5 per cent malathion dust.

**Cut Worms Seen**  
Several heavy infestations of cut worms in new seedlings of alfalfa, ladino clover and lotus have recently been evident in

the area. The cut worm eats the surface area of plants and can cause serious damage.

Tucker recommended dusting cut worm infested areas with DDT, toxaphen or chlordane. About one or 1½ pounds of the actual chemical should be applied per acre. Equivalent to this would be 20 pounds of 5 per cent dust, broadcast over the surface.

Tucker said the alfalfa weevil completely "finished off" alfalfa re-growth in some areas after the second cutting had been delayed about two weeks. However, it was possible to redeem the crop by use of a chemical spray which took effect in two days. Damage by the insect, which feeds on new plant shoots, was somewhat surprising to farmers of this area, Tucker said.

**Parasitic Fly**  
The county agent explained that a parasitic fly was released to destroy the alfalfa weevil in the early 1920s. This parasitic fly was able to control the weevil until last winter when weather was more favorable for growth of the weevil than for the parasitic fly.

To control the weevil, farmers may apply ¾ to one ounce of heptachlor per acre or two ounces of aldrin per acre. Liquid chemicals are most generally used for weevil control, Tucker said.

Another serious threat to alfalfa and ladino clover is the lygus bug, which attacks the plant

in its early pre-bloom stage. Tucker said the insect poisons the stem at the point where the new shoot is starting and during the bud stage causes the blossom to drop.

**Applied by Plane**  
Actual DDT or toxophene at the rate of two pounds per acre should be applied by plane or sprayed on the ground to end lygus bug destruction. Some farmers prefer toxophene, Tucker said, because this substance is also effective in killing grasshoppers.

The agent advised all growers planning to harvest alfalfa, ladino clover or lotus seed to get nets and make weekly surveys in the fields to determine lygus bug population. If more than one bug is found in one sweep of the net, it's time to apply spray.

**Controls Other Insects**  
Tucker commented that aphid and alfalfa weevil control spray gives good control of other insects. DDT and toxophene, however, have a residual effect and are capable of killing the lygus bug for a period of 35 to 40 days after the application, depending on weather conditions. Other sprays have a shorter residual period and are less effective in lygus bug control.

Grass hoppers are a problem in some districts of Jackson county. They hatched late and are now moving into succulent fields. Fields troubled with grasshoppers may be completely dusted with chlordane and aldrin as wet bait broadcast. However, farmers may spray border areas of the fields in strips about one rod wide to kill the insects as they move in, Tucker said.

The tent caterpillar, which defoliates shrubs and trees, is more prevalent in the area this year than in normal years. If only an occasional tree is affected by the caterpillars, Tucker said, they can be eradicated by making a torch and burning the tents.

If a wide area is infested, the agent recommended use of a spray program. Pressure should be strong enough to break the web. Spray can be confined to trees surrounding the tents to kill the caterpillars as they emerge from their webs. Tucker commented that damp and fairly moderate late winter weather has been favorable for development of the tent caterpillar.

**Alfalfa Aphid**  
Growers in this area are keeping a look-out for the spotted alfalfa aphid which has been

spreading rapidly and becoming a serious problem in many southern states. The insects develop rapidly and could appear in this area.

Tucker stated that agronomists have discovered a variety of alfalfa, lahontan, which is resistant to spotted alfalfa aphid attacks and is being grown in some areas of the West. Experiments are also underway on other varieties of insect resistant alfalfa.

One pest that still has the human race baffled, is loose smut, a powdery black fungus that attacks seed heads. It eats entire kernels and hulls in grain and is uncontrollable by various chemicals developed to kill other varieties of smut.

**Experiments Conducted**  
Experiments have been conducted in killing loose smut by hot water treatment of grain. This is not considered practical, however, Tucker pointed out. Temperature of the water is a critical factor in treatment and the procedure is useless if the temperature falls two degrees above or one degree below the specified temperature. High temperature kills the grain germ and low temperature has no effect whatever.

Only means of loose smut control that has yet been discovered is destruction of the infected seed of a problem here, Tucker stated, but this year it has been evident in oats and barley seed which was probably imported.

**Not Soil-Born**  
Loose smut is not soil-born as bunt smut is, but develops in the seed head and is carried by air. Tucker emphasized that loose smut infested seed should not be replanted.

The county agent's office has recently received several reports of Army worms, which travel in wide bands and literally eat anything in their path. They attack floral plants as well as crops. If they are evident in large areas, they can be controlled by aldrin. Chlordane and DDT are recommended if the infestation is confined to small areas.

The worms start from eggs and in adulthood measure about 1½ inch long and as thick as a lead pencil. They appear in various shades of brown and each bears a single stripe.

**PLEASANT DIVERSION**  
San Francisco — (U.P.) — Reporters and photographers became so interested in Chinese actress Li Li-Hwa, 31, when she arrived at the airport that they forgot about another passenger, Sir Abu Baker Tengku Azer T. Omar, of Malaya, the other passenger, is only a sultan.

# County Gets \$111,240 As Share From State

Jackson county this week received \$111,240.36 as its share of funds collected in Oregon in April, May and June for motor vehicle registrations, motor fuel tax, motor carriers and fines for motor vehicle law violations, according to Karl Janouch, county treasurer.

Total collection in the state was \$13,185,232.32. The money is divided among the various Oregon counties according to the number of vehicle registrations in each county. Jackson county's share will go into the general road fund, Janouch said.

**Amusement Device Tax**  
The county also received \$1,446.12 from the state as its share of the amusement device tax. Total collected in Oregon was \$74,721.87. Janouch explained that 40 per cent of the amusement device tax goes to the counties and 60 per cent to the state. County shares are designated for relief purposes. The amounts are based on expenditures for old age assistance during the fiscal year ending June 30, 1955.

The treasurer added that the county has just received \$32,513.19 from the property tax collector for 1955-56 collections

in the county.

During June Jackson county received \$4,907 from district court; \$1,501.75 from Ashland justice court and \$371 from Gold Hill justice court. Twenty-two small claims, 100 civil fees and 340 court costs and fines accounted for the total of \$6,779.75 collected in the three courts.

Of the total court receipts, \$2,396.75 went to the general county fund; \$395 to the county school fund; \$80 to the enforcement fund; \$3,881.75 to the general road fund; \$395 to the enforcement fund; \$3,881.75 to the general road fund and \$26.25 to the game fund. Distribution of court receipts is designated by state law.

Janouch said there were 21 fines for no operators license; two for no PUC permit; three for intoxicated on a public highway; three for driving with suspended license; one for petty larceny; three for disorderly conduct; one for insufficient binders on log loads; five for fishing law violations; eight for gambling law violations; 286 for traffic and highway control violations and six for illegal possession of liquor.

# Bladine Named State Campaign Chairman

McMinnville — State Senator Carl Francis of Yamhill county, Republican candidate for attorney general, has announced the appointment of Phil Bladine of McMinnville as state chairman of the Francis for attorney general campaign.

Bladine, who is editor of the McMinnville Daily News-Register, resigned as chairman of the county central committee a few weeks ago.

Both Francis and Bladine have been active in the Young Republicans. Francis served as secretary in 1942 and as chairman in 1947, of the State Young Republican federation.

**LAST-MINUTE RESCUE**  
Torquay, England — (U.P.) — A fishing trawler rescued 38 vacationers Wednesday from a motor launch which sank after hitting a reef. The vacationers were aboard the 36-foot launch Neptune, returning from a sightseeing trip on the river Dart. The skipper of the trawler "Commander" saw the launch strike the reef. He swung his craft alongside and took the passengers aboard as the launch disappeared under water.

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# A Nichol's Worth of ... Comment On This and That

By HARMAN W. NICHOLS  
United Press Feature Writer

Washington — (U.P.) — I'm thinking of giving up shaving, which is nasty business at best.

My last shave was administered by a lady in a blue dress — a pretty blond named Eve Neil.

Eve, a former actress and now a pogramotist, doesn't pay the barber's union any dues. Her business mostly is to tell men how to shave.

The delectable lady, who claims to be the only lady pogramotist in the world, sold the Gem razor people on the idea of letting her run around the country giving men some tips on zipping off their beards.

She spent a good bit of time studying under the guidance of Elbridge J. Casselman, who is known as a "big beard" in his profession. He spent 20 years of research to learn what he knows and passed it along to our lady.

Eve and I were practically cheek to cheek as she squirted some lather out of a tube, tested a sprig of my crew cut with her Gem razor, and went to work.

**Plenty of Water**  
Her recipe for shaving calls for a man to douse his puss from ear to chin and A-apple with warm water for about three minutes. Then lather up with a good brush and start raking.

"The cream gets to the base of the hair after plenty of soaking," she told me. "That's why barbers spend so much time on you."

You also should be sure the blade is sharp. If you plan to use it again, don't wipe it. Let the blade dry by itself before you put it back on the rack.

"Men have to learn that they should shave with the way the hair grows on the face," Eve told me. "Don't shave up. If that doesn't give a man the hiccoughs it certainly will turn in some hairs and cause an infection."

**New Idea?**  
Something I never thought of was Eve's next suggestion: A man shouldn't lather up until he has "dauddled" in the shower and helped the moistening business on his cheek bones and under-chin.

"Then after breakfast it's a good idea," she said, "to run

**Grange**  
**Gold Hill Grange**  
The main business was putting on the third and fourth degrees for candidates from Central Point and Gold Hill.

The Grange appreciates the large attendance at our meetings.

Members have set out plants and shrubs around the building and last week they put in a sprinkling system, so more grounds can be used for this purpose. The Grange takes this opportunity to thank those taking part in this project.

The Grange closed at the regular time and retired to the dining room where they were served watermelon and coffee.

The next serving committee will be Nell McCloy and Blanch Merriman.

**Griffin Creek**  
Griffin Creek Grange will meet Thursday, July 12, for a regular business meeting. The serving committee will be Mrs. Iva Harper and Mrs. Roy Casey.

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